

WARNING: ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE FOR BIDDING ON THIS PROJECT.

Bid Proposal Checklist

- ☐ All Addenda are acknowledged
- ☐ Bid Package signed by authorized party
- ☐ Signed Non-Collusion Declaration from Prime Contractor enclosed
- ☐ Original Bid Bond enclosed; or
- ☐ If submitting via ePro, the original Bid Bond is required to be mailed to Project and Facilities Management.
Note: Bid Bond must be received by Project Management by time of bid
- ☐ No modifications made to bid forms
- ☐ Envelope properly labeled
- ☐ Remember to seal the bid and deliver to:

Project and Facilities Management Department
County Government Center
385 North Arrowhead Avenue, Third Floor
San Bernardino, California 92415-0184

Please Note: This checklist is only provided to assist the bidders. It is the bidder's sole responsibility to ensure that they are complying with the requirements included in the Bid Package in their entirety, even if they are not identified on this checklist.



SAN BERNARDINO COUNTY

BID DOCUMENTS

for

PROJECT NO. 10.10.1398

LAKE GREGORY SAN MORITZ
PREFABRICATED RESTROOM
LAKE GREGORY, CALIFORNIA

SAN BERNARDINO COUNTY
PROJECT MANAGEMENT DEPARTMENT
PROJECT MANAGEMENT
385 NORTH ARROWHEAD AVENUE,
THIRD FLOOR
SAN BERNARDINO, CA 92415-0184
<https://pfm.sbcounty.gov/>

May, 2024

PROJECT NAME: LAKE GREGORY SAN MORITZ PREFABRICATED RESTROOM
PROJECT NO 10.10.1398

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ADVERTISEMENT FOR BIDS

LAKE GREGORY SAN MORITZ PREFABRICATED RESTROOM PROJECT
LAKE GREGORY, CALIFORNIA

Notice is hereby given that the Project and Facilities Management Department – Project Management on behalf of the Board of Supervisors of San Bernardino County, California, will receive sealed bids on or before 10:00 a.m. on, July 09, 2024, in the office of the Project Management Department, 385 North Arrowhead Avenue, Third Floor, San Bernardino, CA 92415-0184, at which time they will be publicly opened and declared for Lake Gregory San Moritz Prefabricated Restroom in Lake Gregory, California.

Bids in response to this solicitation can be submitted through San Bernardino County Electronic Procurement Network (ePro) <https://epro.sbcounty.gov/epro/> or in person at the Project and Facilities Management Department – Project Management. **All bidders must register with the ePro system prior to the date and time to receive sealed bids or they will be disqualified.**

A mandatory Pre-bid Meeting for prospective bidders will be conducted on May 30, 2024, at 2:00 pm at 24746 San Moritz Way, Crestline, CA 92325. Bids submitted by firms who have not participated in the Pre-bid Meeting will be disqualified.

State Contractor's Class B License is required. Construction estimate is \$820,000

The Bid Documents, including final plans and specifications, are available at no cost to the bidder and may be obtained from the County's ePro Website at <https://epro.sbcounty.gov/bso/view/login/login.xhtml>.

No bid may be withdrawn after the scheduled bid opening, or within sixty (60) days thereafter.

Copies of the prevailing wage rates are on file at the Project and Facilities Management Department and shall be made available to any interested party on request. Copies are also included in the Bid Documents.

The County reserves the right to reject any or all bids, to waive technical errors, discrepancies or informalities of a bid not affected by law, if to do so seems to best serve the public interest.

For information regarding this project, contact Robert Burton Project Manager, at (909) 832-0726. **DO NOT CONTACT THE DESIGN CONSULTANT.** All technical questions to be submitted to the Project Manager in writing via email at robert.burton@pfm.sbcounty.gov. The subject line of the email should include the project number, as found in the bid documents, along with the project name and RFI. All questions must be submitted no later than June 27, 2024 by 2:00 p.m. No RFIs will be accepted after RFI deadline.

By order of the Board of Supervisors of San Bernardino County, dated at San Bernardino, California, May 7, 2024.

Don Day, Director
Project and Facilities Management Department

Published in the San Bernardino County SUN on May 10, 2024

NOT FOR BID

INSTRUCTIONS TO BIDDERS

Proposals: To receive consideration, bids shall be submitted on the enclosed Bid Proposal form and shall be made in accordance with the following instructions:

- A. Bids shall contain no recapitulation of the work to be done. Alternative proposals will not be considered unless specifically requested by the County. Oral, telegraphic or telephonic proposals or modifications will not be considered.
- B. Bidders shall examine all the bid documents, including the drawings, perform their own estimates for the proposed work, taking into account local conditions, uncertainty of weather, and all laws, ordinances, rules and regulations of any federal, state, county, municipal or other governmental agency that has jurisdiction over the work.
- C. The General Prevailing Wage Determination made by the Director of Industrial Relations pursuant to California Labor Code Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1 are included in this Bid Package and must be complied with, as stated in Section 14 of the General Conditions. Updated wage rate determinations will be made available when they are issued, and the successful bidder will provide copies to all subcontractors. Wage rates paid on this project must be revised in accordance with the updated determinations. Copies of the prevailing wage rates are on file at the Project and Facilities Management Department – Project Management and shall be made available to any interested party on request. Copies are also included in these Bid Documents.
- D. Bidder is advised that this Project is funded with American Rescue Plan Act (ARPA) Funds, the Requirements of the Davis-Bacon Act will apply to the Job Order and its requirements will be enforced. The Contractor and all subcontractors will be required to pay their laborers and mechanics employed under the Job Order, a wage not less than minimum wage classification, as specified in both the Federal and State Wage Decision when the Job Order amount exceeds \$2,000. The higher of the two applicable wage classifications, either State Prevailing Wage or Davis-Bacon and Related Act Requirements. In addition, a weekly certified payroll is required during the term of construction under the Job Order. Payment of invoices may be delayed when certified payrolls are not submitted weekly. The County shall make progress payments on any properly completed payment request submitted by the Contractor. The Federal prevailing wage in force as of this date is Mod No. 6 and is available upon request. The payment request shall not be deemed properly completed unless certified payroll form WH 347 has been properly completed and submitted on a weekly basis for each week worked during the time period covered by said payment request. See ARPA Exhibit for additional requirements.

The Federal prevailing wage in force as of this date is Mod #6, and is available upon request.

- E. A weekly certified payroll is required during the term of construction. Payment of contractor's invoice may be delayed when certified payrolls are not submitted weekly. The County shall make progress payments on any properly completed payment request submitted by the contractor. The payment request shall not be deemed properly completed unless certified payrolls, have been properly completed and submitted on a weekly basis, for each week worked during the time period covered by said payment request. Certified payrolls will be submitted via LCPtracker, which is a web-based system.
- F. Contractors are prohibited from performing work on a public works project with a subcontractor who is ineligible to perform work on a public works project pursuant to Section 1777.1 or 1777.7 of Labor Code. Any contract entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor of a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the awarding body. The contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the project.
- G. Bids shall be delivered to, or mailed postage prepaid to arrive at, the Project and Facilities Management Department – Project Management, 385 North Arrowhead Avenue, Third Floor, San Bernardino, California, 92415-0184, on or before the time set for the opening of bids in the published Advertisement For Bids. All bids shall be enclosed in a sealed envelope bearing the title of the work, the name of the bidder, and clearly marked "Bid Proposal". Bids can also be submitted through San Bernardino County Electronic Procurement Network (ePro) <https://epro.sbcounty.gov/epro/>. **All bidders must register with the ePro system prior to the date and time to receive sealed bids or they will be disqualified.** System-related questions about ePro shall be directed to Vendor support at ePro.Vendors@buyspeed.com or at 1-855-800-5046. For procurement questions involving ePro, please contact the Purchasing Department at (909) 387-2060. **NOTE: If sending the bid or bid bond to the Project and Facilities Management Department – Project Management in a mail envelope (i.e. Federal Express, etc.) please enclose the bid or bid bond inside the mail envelope in a separately sealed envelope bearing the title of the work, the name of the bidder, and marked "Bid Proposal or Bid Bond". All mail, including Priority and Express Mail, sent via the U.S. Postal Service is received by the County's mail room then distributed to the Project and Facilities Management Department – Project Management. This can cause a delay in the receipt of bids or bid bonds. The County is not responsible for any delays caused by mail service to a different County location. It is Bidder's responsibility to ensure bids and bid bonds are received at the**

Project and Facilities Management Department – Project Management, 385 North Arrowhead Avenue, Third Floor, San Bernardino, CA, on or before the time set for opening of bids.

- H. Concurrently with the submittal of its bid, bidders are required to furnish bid security in the amount of ten percent (10%) of the BASE BID. If the bid is submitted to the Project and Facilities Management Department – Project Management, the bid security shall be enclosed in the sealed and marked envelope along with the bid proposal. If the bid is submitted through San Bernardino County Electronic-Procurement network (ePro) then scan the bid security (bid bond) and submit the scanned copy with your bid submittal in ePro, additionally, mail or submit the original bid security, in a separate sealed envelope labeled “Bid Bond” with the title of the work and the name of the bidder clearly marked on the outside, to: Project and Facilities Management Department – Project Management, 385 North Arrowhead Avenue, Third Floor, San Bernardino, California, 92415-0184. **Any mailed or submitted bid security must be received on or before the time set for the opening of the bids.**
- I. Bids will be opened at the time set for the opening of bids in the published Advertisement For Bids or as revised in an Addendum. All bids submitted to the Project and Facilities Management Department – Project Management in sealed envelopes will be opened and read. All bids submitted in the ePro system will be opened from the system’s “encrypted lock box” and read. The bid summary sheet referencing both paper bids and ePro bids will be available through ePro and/or the Project and Facilities Management Department – Project Management for all bidders to view.
- J. **DO NOT CONTACT THE DESIGN CONSULTANT.** All technical questions to be submitted to the Project Manager in writing via email at robert.burton@pfm.sbcounty.gov. The subject line of the email should include the project number, as found in the bid documents, along with the project name and RFI. All questions must be submitted no later than June 27, 2024, 2:00 p.m. No RFIs will be accepted after RFI deadline.
- K. Any Bidder submitting a Bid to the County for this Project may file a protest of the County’s proposed award of a construction contract for this Project, provided that each and all of the following are complied with:
- i) The bid protest is in writing.
 - ii) The bid protest is submitted to and received by the Project and Facilities Management Department – Project Management, 385 N. Arrowhead Ave., Third Floor, San Bernardino, CA, 92415-0184 before 4:00 p.m. of the fifth business day following the bid opening. Failure to timely submit a written protest shall constitute grounds for the County’s denial of the bid protest without

consideration of the grounds stated in the bid protest and a waiver of the right to protest. Untimely protests will not be accepted or considered.

- iii) The written bid protest shall set forth, in detail, all grounds for the bid protest (including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest), the form of relief required and the legal basis for such relief. Any grounds not set forth in the bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and credible evidence. The bid protests shall include the name of the project manager and the name and project number of the bid Project. Any bid protest not conforming to the foregoing shall be rejected as invalid.

If a valid protest is timely filed and complies with the above requirements, the Department shall review and evaluate the bid protest. All bidders, including the protesting bidder, shall have three business days to respond to the Department and to provide any information requested by the Department. The Department shall respond to the protesting bidder and state the Department's findings regarding the bid protest. The Department Director's decision shall be final, unless overturned by the Board of Supervisors.

- L. State Contractor's Class B License is required to bid the project. If the bidder does **not** list a licensed subcontractor(s) under the Designation of Subcontractors section of the Bid Proposal to perform work in any of the following trades, in order to be found responsive and in order to perform that work himself/herself, the bidder must possess the State specialty license for that trade: Mechanical (C-20); Electrical (C-10); and Plumbing (C-36).
- M. Withdrawal of Bids: Any bidder may withdraw his bid, personally, or by telegraphic or written request, at any time prior to the scheduled time for receipt of bids. If a bid is submitted through ePro, then the bid may also be withdrawn in ePro prior to the scheduled time for receipt of bids. No bid may be withdrawn after the scheduled bid opening, or within sixty (60) days thereafter.
- N. Opening of Bids: Bids will be conducted virtually via Microsoft Teams. Bids (both paper and ePro) shall be opened and read aloud at the place and time set in the Advertisement For Bids. The Call In Number, Access Code, and link information for this bid opening are below:

Join Teams Meeting:

- Call In Number: +1 661-568-6806
- Phone conference ID: 521 493 903#
- Meeting ID: 233 203 344 670
- Passcode: 7AkDNz

- Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MjM5MWNIMjEtMzQzNy00ZmQyLWI4ZmUtNTY4ZjVhNjc3ODUx%40thread.v2/0?context=%7b%22id%22%3a%2231399e53-6a93-49aa-8cae-c929f9d4a91d%22%2c%22Oid%22%3a%2219fe10b-8f1b-4201-9958-ea3951267e6e%22%7d

- O. Pre-Bid Meetings: Pre-Bid Mandatory Job-Walk Meeting Sign-in Lists from all pre-bid meetings will be uploaded to the Project and Facilities Management Department website within approximately three (3) business days from the date of the pre-bid meeting (<https://pfm.sbcounty.gov/project-management/#pre-bidding-sign-in>).
- P. Bid Results: The Bid Tabulation, outlining initial bid results will be uploaded to the Project and Facilities Management website within approximately three (3) business days from the date of the bid opening <https://pfm.sbcounty.gov/project-management/#bid-results>

BID PROPOSAL

PROJECT: Lake Gregory San Moritz Restroom
LOCATION: 24746 San Moritz Way, Crestline, CA 92325
OWNER: San Bernardino County
BID OPENING: July 9 2024, at 10:00 a.m.
BIDDER: _____

San Bernardino County
Project Management Department – Project Management
385 North Arrowhead Avenue, Third Floor
San Bernardino, CA 92415-0184
<https://pfm.sbcounty.gov/>

In compliance with your invitation for bids, the undersigned has carefully examined the project Bid Documents, including the drawings and specifications, for the scope of work which is the installation of a new prefabricated restroom and necessary utility connections. The new prefabricated restroom is to be installed on an undeveloped site in Lake Gregory, California, and fully understands the scope and meaning of the Bid Documents.

Contractor acknowledges that this project is funded with American Rescue Plan Act (ARPA) and agrees to comply with all applicable requirements including but not limited to the payment of federal prevailing wages under the Davis-Bacon Act and other related Acts. Both State and Federal Wage Determinations will be enforced and when there is a conflict, the higher (most stringent) will be adhered to.

The undersigned hereby agrees to furnish all materials, labor, tools, equipment, apparatus, facilities, and transportation necessary to complete all work in strict conformity with the drawings and specifications, and to execute the contract to the satisfaction of the Project and Facilities Management Department – Project Management, at the following cost(s):

In case of discrepancy between the written bid set forth and the numerical bid set forth, the written bid shall prevail. In the case of a discrepancy between the written bid or numerical bid set forth on the bid proposal, and the numerical bid set forth in the ePro system, the information on the bid proposal shall prevail.

BASE BID

For the furnishing of the labor, materials, and equipment necessary to complete all work designated in the Plans and Specifications.

The LUMP SUM of _____ Dollars
(\$ _____)

The above-mentioned BASE BID includes applicable California state sales tax, bonds, insurance and all other costs required to perform all the work described in the project drawings and specifications.

The lowest bid shall be the lowest bid price on the BASE BID. A responsible and responsive bidder who submitted the lowest bid shall be awarded the contract, if it is awarded.

BID DEPOSIT (BID BOND)

There is enclosed herewith, a certified check or surety bond in the amount of ten percent (10%) of the BASE BID, or, more specifically, _____ Dollars (\$ _____), made payable to San Bernardino County. The undersigned agrees that in the event of the failure by the undersigned to execute the necessary contract and furnish the required contract bonds and insurance, the certified check or surety bond and the money payable thereon shall be, and remain, the property of San Bernardino County. If the bid is accompanied by a certified or cashier's check, the check shall be deposited by the Project and Facilities Management Department – Project Management, and a County warrant for the full amount shall be issued to the undersigned approximately one month after Contract Award.

If the bid is submitted through San Bernardino County Electronic Procurement Network (ePro) then scan the bid security (bid bond) and submit the scanned copy with your bid submittal in ePro, additionally, mail or submit the original bid security, in a separate sealed envelope labeled "Bid Bond" with the title of the work and the name of the bidder clearly marked on the outside, to: Project and Facilities Management Department – Project Management, 385 North Arrowhead Avenue, Third Floor, San Bernardino, California, 92415-0184. **Any mailed or submitted bid security must be received on or before the time set for the opening of the bids.**

TIME OF COMPLETION

The undersigned agrees to complete the work within 365 calendar days from the date stipulated in the Notice to Proceed.

LIQUIDATED DAMAGES

Pursuant to the provisions of Government Code Section 53069.85 and in the event that all the Work called for in this Contract is not completed within the number of calendar days set forth, Contractor shall forfeit and pay to the County the sum of \$500.00 per day for each calendar day the work remains incomplete, to be deducted from any payments due or to become due to the Contractor. (Reference General Conditions and Special Conditions)

ESCROW ACCOUNT

Pursuant to Section 22300 of the Public Contract Code, at the request and expense of the Contractor, the Contractor may substitute qualified securities in lieu of retention withheld by the County and/or establish an escrow account for retention payments.

REJECTION OF BIDS

The undersigned agrees that the County reserves the right to reject any or all bids, and reserves the right to waive informalities in a bid or bids, not affected by law, if to do so seems to best serve the public interest.

VALIDITY OF BIDS

The undersigned agrees that this bid will remain valid for sixty (60) days after the scheduled bid opening.

STATE LICENSES

The undersigned hereby certifies that he is currently the holder of a valid State Contractor's Class "B" license as a contractor in the State of California and that the license is the correct class of license for the work described in the project drawings and specifications. The undersigned also certifies that all subcontractor(s) listed under the Designation of Subcontractors section of the Bid Proposal are currently the holder of valid contractor's license(s) in the State of California and the license is the correct class of license for the work to be performed by the subcontractor(s).

INSURANCE

The undersigned agrees to furnish certified copies of all insurance policies and endorsements; all certificates of comprehensive, general and auto liability insurance; Workers' Compensation insurance; and such other insurance that will protect him from claims for damages and personal injury, including death, which may arise from operations under the contract, whether such operation be by the undersigned or by any subcontractor

of the undersigned, or anyone directly or indirectly employed by the undersigned or any subcontractor of the undersigned in accordance with Section 11.2 of the General Conditions. **The undersigned agrees to provide the Project and Facilities Management Department – Project Management with Certificates of Insurance evidencing the required insurance coverage at the time Contractor executes the contract with the County.** All policies (excluding Workers' Compensation) shall name San Bernardino County and its officers, employees, agents and volunteers as additional insureds. All coverages shall be subject to approval by the County for adequacy of protection.

BONDS

If this Bid is successful, the undersigned agrees to execute the required Standard Contract and will furnish a payment bond in an amount equal to one hundred percent (100%) of the contract price and a Faithful Performance Bond in an amount equal to one hundred percent (100%) of the contract price. These bonds shall be secured from a surety company or companies satisfactory to the County within ten (10) calendar days of the contract award and shall be on County approved bond forms. Bonds shall remain in full force and effect for a period of one year following the date of filing of Notice of Completion.

FORMER COUNTY OFFICIALS

Contractor agrees to provide or has already provided information on former San Bernardino County administrative officials (as defined below) who are employed by or represent Contractor. The information provided includes a list of former county administrative officials who terminated county employment within the last five years and who are now officers, principals, partners, associates or members of the business. The information also includes the employment with or representation of contractor. For purposes of this provision, "county administrative official" is defined as a member of the Board of Supervisors or such officer's staff, Chief Executive Officer or member of such officer's staff, county department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

INACCURACIES OR MISREPRESENTATIONS

If during the course of the bid proposal process or in the administration of a resulting Contract, the County determines that the contractor has made a material misstatement or misrepresentation or that materially inaccurate information has been provided to the County, the contractor may be terminated from the bid proposal process, or in the event a Contract has been awarded, the Contract may be immediately terminated. If a Contract is terminated according to this provision, the County is entitled to pursue any available legal remedies.

VISITING THE SITES

The undersigned has visited the site, and is familiar with the local conditions of the work site.

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of Sections 4100-4108 of the Public Contract Code of the State of California, and any amendments thereof, the undersigned shall set forth below the name, location of the place of business and the California contractor license number of each subcontractor who will perform work (meaning the total amount of the subcontractor's contract amount including all labor, materials, supplies and services) in excess of one-half of one percent ($1/2$ of 1%) of the total bid; and, the general category or the portion of the work to be performed by each subcontractor.

If the undersigned fails to specify a subcontractor for any work to be performed under the contract, the undersigned agrees to perform the work and shall not be permitted to subcontract that work except in cases of public emergency, and then only after written finding as public record by the Board of Supervisors.

The undersigned certifies that all subcontractor(s) listed below are currently the holder of valid contractor's license(s) in the State of California and the license(s) is the correct class of license for the work to be performed by the subcontractor(s).

The undersigned certifies that it and all subcontractor(s) listed below have registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 (applicable for all bids submitted on or after March 1, 2015). The undersigned agrees that no contractor or subcontractor may be awarded a contract for public work or perform work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 (applicable for all contracts awarded on or after April 1, 2015). The undersigned acknowledges that the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

As required by Labor Code 1771.1(a) "A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

Where a hearing is required for a decision on the substitution of subcontractors, pursuant to the provisions of Chapter 4, Part 1, Division 2, of the Public Contract Code, (commencing with Section 4100) by the awarding authority, or a duly appointed hearing officer, the Clerk of the Board of Supervisors shall prepare and certify a statement of costs incurred by the County for investigation, and to conduct the hearing, including the costs of any hearing officer and shorthand reporter appointed. For the purposes of a hearing for the substitution of subcontractors (pursuant to the Public Contract Code commencing with Section 4100) the awarding authority shall be the Director of the Project and Facilities Management Department, or his/her designee.

The statement of costs shall be sent to the undersigned, who shall reimburse the County for all costs. If not paid separately, such reimbursement shall be deducted from monies due and owing to the undersigned prior to acceptance of the project.

CONTRACTOR NAME: _____

<u>Subcontractor</u>	<u>Portion of Work</u> (Description of work to be performed)	<u>Location of Business</u>	<u>CA Cont. Lic. No.</u>	<u>DIR Reg. No.</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

ADDENDA

This bid includes Addendum No. _____ dated _____

Addendum No. _____ dated _____

Bidder must acknowledge all addendums above, regardless of any acknowledgement of addendums in ePro.

AFFIDAVIT

The undersigned has submitted with the bid proposal a non-collusion declaration, signed under penalty of perjury, for the principal contractor. The undersigned agrees to furnish the County non-collusion declarations for subcontractors signed under penalty of perjury, and states that this is a genuine proposal and is neither collusive nor made in the interest of any other person, and has not induced anyone to submit a sham bid or refrain from bidding.

The undersigned acknowledges it has registered with the ePro system prior to the date and time to receive sealed bids or it will be disqualified.

The undersigned declares: that the only person or parties interested in this proposal as principals are those named herein; that this bid is made without any connection with any other person or persons making a bid for the same work, except for another division of the undersigned which may submit an independent bid; that the bid is in all respects fair and without collusion or fraud; that the undersigned has read the Advertisement for Bids and the Instructions to Bidders and agrees to all the stipulations contained therein; that the undersigned has examined the form of contract (including the specifications, drawings, and other documents incorporated therein by reference); that in the event this bid as submitted, including the incorporated bidding documents, be accepted by the County, the undersigned shall execute a contract to perform the work as outlined herein.

If undersigned is a corporation, proposal must be signed by an authorized officer of the corporation.

If the bid proposal is submitted through ePro the undersigned acknowledges that its electronic signature is legally binding.

Check One: ☐ Sole Proprietor
☐ Partnership
☐ Corporation
☐ Other

Name of Bidder: _____

Address: _____

Phone: _____

Email: _____

Contractor's License No.: _____ Primary Class: _____

Expiration Date of Contractor's License _____

Contractor's DIR Registration # _____

I declare under penalty of perjury the above is true and correct.

Authorized Signature: _____ Title: _____

Print Name: _____ Date: _____

NOT FOR BID

NONCOLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or of any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusion or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

Signed: _____

Title: _____

NONCOLLUSION DECLARATION

TO BE EXECUTED BY EACH SUBCONTRACTOR

AND SUBMITTED PRIOR TO CONTRACT AWARD

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bid or of any other bid, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bid. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusion or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____[date], at _____[city], _____[state].

Signed: _____

Title: _____



COUNTY OF SAN BERNARDINO

SAP NUMBER

PROJECT NUMBER FISCAL YEAR MONTH DAY

DEPARTMENT COUNTY ROAD

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(909) 387-5000

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IT IS HEREBY AGREED AS FOLLOWS:

I. CONTRACT DOCUMENTS

The complete contract includes all of the Contract Documents, to wit:

- A. Advertisement for Bids (Project No. Insert Project), dated Insert advertisement date.
- B. Bidder's Proposal, dated Insert Bid opening date.
- C. General Conditions for Job Order Contracts dated Insert Date.
- D. Bid Documents entitled Insert contract category Job Order Contractor.
- E. Technical Specifications dated insert month and year.
- F. Construction Task Catalog dated insert month and year.
- G. Job Order Contracting (JOC) System License and Fee Agreement.
- H. Individual Job Orders.
- I. Appendix A.
- J. Certified copy of the record of action of the Board of Supervisors, San Bernardino County, and meeting of Insert Board date for contract award.

And they are included in their entirety as a part of this Contract by reference thereto. The Contract Documents are intended to be complementary. Work required by one of the above documents and not by others shall be performed as if required by all. Failure to comply with requirements of Contract Documents may result in disqualification under

future Requests for Prequalification for the San Bernardino County Job Order Contract Program or award of a future San Bernardino County Job Order Contract.

II. CONTRACTOR RESPONSIBILITIES

- A. In consideration of the payments and agreements set forth in this document, Contractor shall, at Contractor's cost and expense, perform all the Work and furnish all the materials in accordance with the Contract Documents, except those stated in the specifications to be furnished by the County, necessary to construct and complete in a good and workmanlike manner, to the satisfaction of County, the entire Work for the project titled " **Insert Category** Job Order Contract".
- B. Contractor shall accept the Job Order Price Proposal, as identified in each individual Job Order, as full compensation for furnishing all materials and for performing all the Work contemplated and embraced in this Contract and each Detailed Scope of Work; also for all loss or damage arising out of the nature of the Work, or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the Work until its acceptance by the County, and for all risks of every description connected with the Work; and also for all expenses incurred by or in consequence of the suspension or discontinuance of Work and for well and faithfully completing the Work in accordance with the Contract Documents.
- C. Contractor shall execute the Job Order Contracting (JOC) System License and Fee Agreement with The Gordian Group, Inc., dba The Mellon Group (Gordian) prior to the execution of this Contract with the County. Contractor shall comply with all terms of the JOC System License and Fee Agreement, including the payment of the license fee equal to one percent (1%) of the value of each Job Order, Purchase Order or other similar purchasing document issued to the Contractor by the County. In the event Contractor's JOC System License and Fee Agreement with Gordian is terminated, the County has the immediate right to terminate this Contract with Contractor, at County's sole discretion. In the event the County terminates the Contract under this provision, the County will owe Contractor only for work actually performed under an approved Job Order.

III. CONTRACTOR GENERAL RESPONSIBILITIES

- A. **LEGAL COMPLIANCE**
The parties actions under the Agreement shall comply with all applicable laws, rules, regulations, court orders and governmental agency orders. The provisions of this Contract are specifically made severable. If a provision of the Agreement is terminated or held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall remain in full effect.
- B. **TAXES**
County is exempt from Federal excise taxes and no payment shall be made for any personal property taxes levied on Contractor or on any taxes levied on employee wages. The County shall only pay for any State or local sales or use taxes on the services rendered or equipment and/or parts supplied to the County pursuant to the Contract.
- C. **RELATIONSHIP OF PARTIES**
In the performance of the Contract, Contractor, its agents and employees, shall act in an independent capacity and not as officers, employees, or agents of the San Bernardino County.
- D. **COMMUNICATIONS**
The Contractor will designate an individual to serve as the primary point of contact for the Contract. Contractor or designee must respond to County inquiries within two (2) business days or as otherwise required under Contract Documents. Contractor shall not change the primary contact without written notification and acceptance of the County. Contractor will also designate a back-up point of contact in the event the primary contact is not available.
- E. **ASSIGNMENT**

F. **C** **A**

G. C **M**

H. A F C

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K. **L** **L**

- Page 3 of 18

and certify a statement of all costs incurred by the County for investigation and conduct of the hearing, including the costs of any hearing officer and shorthand reporter appointed. For the purposes of a hearing for the substitution of subcontractors (pursuant to the Public Contract Code commencing with Section 4100) the awarding authority shall be the Director of the Project and Facilities Management Department, or his/her designee. The statement shall then be sent to the general contractor, who shall reimburse the County for such costs. If not paid separately, such reimbursement may be deducted from any money due and owing to the general contractor prior to acceptance of the project.

5. Contractor shall strictly adhere to the applicable provisions of the Labor Code regarding the employment of apprentices; minimum wages; travel and subsistence pay; alien labor; the eight-hour day; overtime, Saturday, Sunday and holiday Work; retention and inspection of payroll records; workers compensation; and payment of wages. The Contractor shall forfeit to the County the penalties prescribed in the Labor Code for violations.
6. In accordance with the Labor Code, prevailing wage rate determinations are provided for the Work to be done under this Contract. Updated wage rates will be made available to the Contractor, who shall pay not less than these rates. The Contractor can download updated wage rates at <http://www.dir.ca.gov/dlsr/pwd/Southern.html>.
7. When the State Labor Code minimum wage and the Federal Wage Determinations (Davis-Bacon Act) are applicable due to federal funding involvement, the higher of the two wage rates per each work classification will prevail.
8. Contractors are prohibited from performing work on a public works project with a subcontractor who is ineligible to perform work on a public works project pursuant to Section 1777.1 or 1777.7 of the Labor Code. Any contract entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the awarding body. The contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the project.
9. By its execution of this Agreement, Contractor certifies that it is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq. as well as California Code of Regulations, Title 8, Section 16000 et seq. ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. Section 1720 of the California Labor Code state in part: "For purposes of this paragraph 'construction' includes work performed during the design and preconstruction phase of construction including, but not limited to, inspection and land surveying work". If the Work being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Contractor agrees to fully comply with such Prevailing Wage Laws. Contractor shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to execute the Services available to interested parties upon request, and shall post copies at the Contractor's principal place of business and at the project site. Contractor will also adhere to any other applicable requirements, including but not limited to, those regarding the employment of apprentices, travel and subsistence pay, retention and inspection of payroll records, workers compensation and forfeiture of penalties prescribed in the Labor Code for violations. Contractor shall defend, indemnify and hold the County, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with Prevailing Wage Laws.
10. Contractor agrees to comply with the American Disability Act of 1990 (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the American Disabilities Act.

11. Contractor agrees to comply and certify compliance with the Drug Free Workplace Act of 1990 per Government Code section 8350 et seq.

12. During the term of the Contract, Contractor shall not willfully discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act and other applicable Federal, State and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

13. Contractor agrees to comply with Senate Bill 854 (signed into law on June 20, 2014). The requirements include, but are not limited to, the following:

- a. No contractor or subcontractor may be listed on a bid proposal (submitted on or after March 1, 2015) for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5, with limited exceptions from this requirements for bid purposes only as allowed under Labor Code section 1771.1(a).
- b. No contractor or subcontractor may be awarded a contract for public work or perform work on a public works project (awarded on or after April 1, 2015) unless registered with the DIR pursuant to Labor Code section 1725.5.
- c. This project is subject to compliance monitoring and enforcement by the DIR.
- d. As required by the DIR, Contractor is required to post job site notices, as prescribed by regulation, regarding compliance monitoring and enforcement by the DIR.
- e. Contractors and all subcontractors must submit certified payroll records online to the Labor Commissioner for all new public works projects (Job Orders) issued on or after April 1, 2015, and for all public works projects (Job Orders), new or ongoing, on or after January 1, 2016.
 - i. The certified payroll must be submitted at least monthly to the Labor Commissioner.
 - ii. The County reserves the right to require Contractor and all subcontractors to submit certified payroll records more frequently than monthly to the Labor Commissioner
 - iii. The certified payroll records must be in a format prescribed by the Labor Commissioner.

14. As required by Labor Code section 1771.1(a) "A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

L. WOOD PARK WOODS PARKWOOD PARKWAY FORD FORD

If Federal funds are used in whole or in part to pay for any individual Job Order the Contractor agrees to comply with the following requirements:

1. Compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 C.F.R. Part 3).
2. Compliance with the Davis-Bacon Act (40 U.S.C. 3141 et seq.) as supplemented by Department of Labor regulations (29 C.F.R. Part 5). The prime contractor and all subcontractors are required to pay their laborers and mechanics employed under this contract, a wage not less than the minimum wage for the work classification as specified in both the Federal and State wage decisions. The

higher of the two applicable wage classifications, either State prevailing wage or Davis-Bacon Federal prevailing wage, will be enforced for all work under this contract. The prime contractor is responsible for ensuring subcontractor compliance with Davis-Bacon and Related Acts Requirements. The Federal Labor Standards Provisions (H D 4010) apply to this Project.

3. Compliance with Section 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701 et seq.) as supplemented by Department of Labor regulations (29 C.F.R. Part 5).
4. All other terms and conditions connected to the Federal Funds as detailed in individual Job Orders.

M. Wages and Hours of Work. Payment of Prevailing Wage and Davis-Bacon Act Requirements. ARPA CLFRF Funds.

1. If ARPA CLFRF funds are used in whole or in part to pay for any individual Job Order, the Contractor agrees to comply with the requirements set forth in Appendix A to this Contract. To the extent that the requirements of Appendix A conflict with any other provision in this Contract, Appendix A shall prevail.
2. If ARPA CLFRF funds are used in whole or in part to pay for any individual Job Order, the County will be required to provide reporting regarding compliance with ARPA CLFRF requirements and will require Contractor's cooperation to meet this requirement. Contractor agrees to cooperate with County in meeting ARPA CLFRF reporting requirements and provide requested information within five (5) business days. Areas of reporting may be related to any requirement set forth in Appendix A to the Contract as well as general Job Order/project status.
3. Contractor's obligation to comply with the ARPA CLFRF requirements of this Contract, including but not limited to Appendix A, shall survive termination of this Contract and/or any Job Order issued under this Contract.

N. Notification of Problems or Potential Problems.

In the event of a problem or potential problem that could impact the quality or quantity of work, services, or the level of performance under this Contract, the Contractor shall notify the County within one (1) working day, in writing and by telephone.

C. Conflict of Interest.

Contractor shall make all reasonable efforts to ensure that no conflict of interest exists between its officers, employees, or subcontractors and the County. Contractor shall make a reasonable effort to prevent employees, Contractor, or members of governing bodies from using their positions for purposes that are, or give the appearance of being motivated by a desire for private gain for themselves or others such as those with whom they have family business, or other ties. Officers, employees, and agents of cities, counties, districts, and other local agencies are subject to applicable conflict of interest codes and state law. In the event the County determines a conflict of interest situation exists, any increase in costs, associated with the conflict of interest situation, may be disallowed by the County and such conflict may constitute grounds for termination of the Contract. This provision shall not be construed to prohibit employment of persons with whom Contractor's officers, employees, or agents have family, business, or other ties so long as the employment of such persons does not result in increased costs over those associated with the employment of any other equally qualified applicant.

P. Improper Consideration.

Contractor shall not offer (either directly or through an intermediary) any improper consideration such as, but not limited to, cash, discounts, service, the provision of travel or entertainment, or any items of value to any officer, employee or agent of the County in an attempt to secure favorable treatment regarding this Contract.

The County, by written notice, may immediately terminate any Contractor if it determines that any improper consideration as described in the preceding paragraph was offered to any officer, employee or agent of the County with respect to the proposal and award process. This prohibition shall apply to any amendment, extension or evaluation process once a Contract has been awarded.

Vendor shall immediately report any attempt by a County officer, employee or agent to solicit (either directly or through an intermediary) improper consideration from Contractor. The report shall be made to the supervisor or manager charged with supervision of the employee or to the County Administrative Office. In the event of a termination under this provision, the County is entitled to pursue any available legal remedies.

E. Former County Administrative Officials

Contractor agrees to provide or has already provided information on former San Bernardino County administrative officials (as defined below) who are employed by or represent Contractor. The information provided includes a list of former county administrative officials who terminated county employment within the last five years and who are now officers, principals, partners, associates or members of the business. The information also includes the employment with or representation of Vendor. For purposes of this provision, "county administrative official" is defined as a member of the Board of Supervisors or such officer's staff, Chief Executive Officer or member of such officer's staff, county department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

R. Material Misstatement or Misrepresentation

If during the administration of this Contract, the County determines that the Contractor has made a material misstatement or misrepresentation, or that materially inaccurate information has been provided to the County, this Contract may be immediately terminated. If this Contract is terminated according to this provision, the County is entitled to pursue any available legal remedies.

S. Ownership of Documents

All documents, data, products, graphics, computer programs, and reports prepared by the Vendor pursuant to this Contract shall be considered property of the County upon payment for services (and product, if applicable). All such items shall be delivered to the County at the completion of work under this Contract, subject to other requirements in this Contract. Unless otherwise directed by the County, Contractor may retain copies of such items.

T. Copyright

County shall have a royalty-free, non-exclusive and irrevocable license to publish, disclose, copy, translate, and otherwise use, copyright or patent, now and hereafter, all reports, studies, information, data, statistics, forms, designs, plans, procedures, systems, and any other materials or properties developed under this contract including those covered by copyright, and reserves the right to authorize others to use or reproduce such material. All such materials developed under the terms of this contract shall acknowledge the San Bernardino County as the funding agency and Contractor as the creator of the publication. No such materials or properties produced in whole or in part under this contract shall be subject to private use, copyright or patent right by Contractor in the United States or in any other country without the express written consent of County. Copies of all educational and training materials, curricula, audio/visual aids, printed material, and periodicals, assembled pursuant to this contract must be filed with the County prior to publication.

R. News Releases, Advertisements, Public Announcements or Photographs

No news releases, advertisements, public announcements or photographs arising out of this Contract or Contractor's relationship with County may be made or used without prior written approval of the County.

V. Damages to County Vehicles, Facilities, Buildings or Grounds

The Contractor shall repair, or cause to be repaired, at its own cost, all damages to County vehicles, facilities, buildings or grounds caused by the willful or negligent acts of Contractor or its employees or agents. Such repairs shall be made immediately after Contractor becomes aware of such damage, but in no event later than thirty (30) days after the occurrence.

If the Contractor fails to make timely repairs, the County may make any necessary repairs. The Contractor, as determined by the County, shall repay all costs incurred by the County for such repairs,

by cash payment upon demand, or County may deduct such costs from any amounts due to the Contractor from the County.

W. DRAFT A F W

In recognition of individual rights to work in a safe, healthful and productive work place, as a material condition of this agreement, the Contractor agrees that the Contractor and the Contractor's employees, while performing service for the County, on County property, or while using County equipment:

- a. Shall not be in any way impaired because of being under the influence of alcohol or a drug.
- b. Shall not possess an open container of alcohol or consume alcohol or possess or be under the influence of an illegal drug.
- c. Shall not sell, offer, or provide alcohol or a drug to another person.

This shall not be applicable to a Contractor or Contractor's employee who, as part of the performance of normal job duties and responsibilities, prescribes or administers medically prescribed drugs.

The Contractor shall inform all employees that are performing service for the County on County property, or using County equipment, of the County's objective of a safe, healthful and productive work place and the prohibition of drug or alcohol use or impairment from same while performing such service for the County.

The County may terminate for default or breach of this agreement and any other agreement the Contractor has with the County, if the Contractor or Contractor's employees/subcontractors are determined by the County not to be in compliance with above.

R

Contractor shall maintain all records and management books pertaining to local service delivery and demonstrate accountability for contract performance and maintain all fiscal, statistical, and management books and records pertaining to the program. County shall have the right upon reasonable notice and at reasonable hours of business to examine and inspect such records and books.

Records should include primary source documents. Fiscal records shall be kept in accordance with Generally Accepted Accounting Principles and must account for all funds, tangible assets, revenue and expenditures. Fiscal records must also comply with the appropriate Office of Management and Budget (OMB) Circulars which state the administrative requirements, cost principles and other standards for accountancy.

All records shall be complete and current and comply with all Contract requirements. Failure to maintain acceptable records per the preceding requirements shall be considered grounds for withholding of payments for billings submitted and for termination of the Contract.

S O

Contractor agrees to conform to safety orders of SHA, CAL SHA and/or NI SHA, and HCAI (formally known as SHPD).

C D

The Contractor certifies that neither it nor its principals or subcontractors is presently disbarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency or on the Federal Government Excluded Parties List System (www.epls.gov). Contractor agrees that signing this Contract shall constitute signature of this Certification.

(Public Contract Code sections 2200 et seq.)
(Applicable for all Contracts of one million dollars (1,000,000) or more)

In accordance with Public Contract Code section 2204(a), the Contractor certifies that at the time the Contract is signed, the Contractor signing the Contract is not identified on a list created pursuant to subdivision (b) of Public Contract Code section 2203 (<http://www.dgs.ca.gov/pd/Resources/PDLegislation.aspx>) as a person (as defined in Public Contract Code section 2202(e)) engaging in investment activities in Iran described in subdivision (a) of Public Contract Code section 2202.5, or as a person described in subdivision (b) of Public Contract Code section 2202.5, as applicable.

Contractors are cautioned that making a false certification may subject the Contractor to civil penalties, termination of existing contract, and ineligibility to bid on a contract for a period of three (3) years in accordance with Public Contract Code section 2205.

BB. B

Contractor will furnish a payment bond in an amount equal to one hundred percent (100 %) of the potential Maximum Contract Value of the Contract, and a faithful performance bond in an amount equal to one hundred percent (100 %) of the potential Maximum Contract Value of the Contract, said bonds to be secured from a surety company satisfactory to the County within ten (10) calendar days of the contract award. Bonds shall remain in full force and effect for a period of one (1) year. The bonds will meet all requirements as stated in the General Conditions.

CC. I

To the fullest extent possible permitted by law, Contractor assumes liability for and agrees, at the Contractor's sole cost and expense, to promptly and fully indemnify, defend (with counsel reasonably approved by County) (even if the allegations are false, fraudulent, or groundless), and hold harmless the County and its authorized officers, employees, agents and volunteers (Indemnitees) from and against any and all claims (including claims against the County seeking compensation for labor performed or materials used or furnished to be used in the work or alleged to have been furnished on the project, including all incidental or consequential damages resulting to the County from such claims), allegations, actions, suits, arbitrations, administrative proceedings, regulatory proceedings, or other legal proceedings, demands, losses, costs, damages, judgments, liens, stop notices, penalties, anticipated losses of revenue and/or liability, and expenses (including, but not limited to, any fees of accountants, attorneys, experts or other professionals, or investigation expenses) arising out of, resulting from, or in any way (either directly or indirectly) related to the contract, the work, the project or any breach of the Contract by Contractor (or any of its officers, agents, employees, subcontractors, or any person performing any of the work, or from any cause whatsoever, including the acts, errors or omissions of any person and for any costs or expenses incurred by the Indemnitees on account of any claim except where such indemnification is prohibited by law. This indemnification provision shall apply regardless of the existence or degree of fault of indemnitees. The Contractor's indemnification obligation applies to the Indemnitee's "passive" negligence but does not apply to the Indemnitee's "sole" or "active" negligence or "willful misconduct" within the meaning of Civil Code section 2782 provided such "active" negligence or "willful misconduct" is determined by agreement of the parties or by findings of a court. In instances where an Indemnitee's "active" negligence accounts for only a percentage of the liability for the claim involved, the obligation of the Contractor will be for that entire percentage of liability for the claim not attributable to the "active" negligence or "willful misconduct" of the Indemnitees. The County shall be consulted with regard to any proposed settlement.

The duty of the Contractor to indemnify and hold harmless the Indemnitees includes the separate and independent duty to defend the Indemnitees, which duty arises immediately upon receipt by Contractor of the tender of any claim from the County. The Contractor's obligation to defend the County shall be at Contractor's sole expense, and not be excused because of the Contractor's inability to evaluate liability or because the Contractor evaluates liability and determines that the Contractor is not liable. The duty to defend shall apply whether or not a claim has merit or is meritless,

or which involves claims or allegations that any or all of the Indemnitees were actively, passively, or concurrently negligent, or which otherwise asserts that the Indemnitees are responsible, in whole or in part, for any claim. The Contractor shall respond within thirty (30) calendar days to the tender of any claim for defense and/or indemnity by the County, unless the County agrees in writing to an extension of this time. The defense provided to the Indemnitees by Contractor shall be by well qualified, adequately insured, and experienced legal counsel acceptable to the County Counsel.

It is the intent of the parties to the Contract that the Contractor and its subcontractors of all tiers shall provide the Indemnitees with the broadest defense and indemnity permitted by law. In the event that any of the defense, indemnity, or hold harmless provisions are found to be ambiguous, or in conflict with one another, it is the parties' intent that the broadest and most expansive interpretation in favor of providing defense and/or indemnity to the Indemnitees be given effect.

Contractor shall ensure, by written subcontract agreement, that each of Contractor's subcontractors of every tier shall protect, defend, indemnify and hold harmless the Indemnitees with respect to all claims arising out, in connection with, or in any way related to each such subcontractor's work in the same manner in which Contractor is required to protect, defend, indemnify, and hold the Indemnitees harmless. In the event Contractor fails to obtain such defense and indemnity obligations from its subcontractors as required herein, Contractor agrees to be fully responsible to the Indemnitees according to the terms of this Section.

Contractor's indemnification and defense obligations set for in this Section are separate and independent from the insurance requirements and do not limit, in any way, the applicability, scope, or obligations set forth in such insurance requirements. The purchase of insurance by the Contractor with respect to the obligations required herein shall in no event be construed as fulfillment or discharge of such obligations.

Contractor's obligations under this Section are binding on Contractor's and its subcontractors' successors, heirs and assigns and shall survive the completion of the work or termination of the Contractor's performance of the work.

CC.I. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ R ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Remove Red Section when finalizing contract. Below are revisions to the insurance language which must be made depending on the amount of the contract:

- a. For Construction contracts for projects of one million (1,000,000) and over and less than three million (3,000,000) require limits of not less than three million (3,000,000) in General Liability and Auto Liability coverage. – i.e. substitute 3,000,000 for the 1,000,000 limits above.

For Construction contracts for projects of three million (3,000,000) and over and less than five million (5,000,000) require limits of not less than five million (5,000,000) in General Liability and Auto Liability coverage. – i.e. substitute 5,000,000 for the 1,000,000 limits above.

For Construction contracts for projects of five million (5,000,000) and over require limits of not less than ten million (10,000,000) in General Liability and Auto Liability. – i.e. substitute 10,000,000 for the 1,000,000 limits above.

- b. The following language must be included for contracts exceeding 1,000,000:
“Continuing Products/Completed Operations Liability Insurance – The Contractor will provide continuing products/completed operations liability Insurance with a limit of not less than five million (5,000,000) for each occurrence for at least three years following substantial completion of the work on projects over one million (\$1,000,000).”

The Contractor agrees to provide insurance set forth in accordance with the requirements herein. If the Contractor uses existing coverage to comply with these requirements and that coverage does not meet the specified requirements, the Contractor agrees to amend, supplement or endorse the existing coverage to do so.

Without in anyway affecting the indemnity herein provided and in addition thereto, the Contractor shall secure and maintain throughout the contract term the following types of insurance with limits as shown:

1. Insurance Specifications:

- a. Workers' Compensation/Employers Liability – A program of Workers' Compensation insurance or a State-approved, self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with 250,000 limits covering all persons including volunteers providing services on behalf of the Contractor and all risks to such persons under this contract.

If Contractor has no employees, it may certify or warrant to the County that it does not currently have any employees or individuals who are defined as "employees" under the Labor Code and the requirement for Workers' Compensation coverage will be waived by the County's Director of Risk Management.

With respect to Contractors that are non-profit corporations organized under California or Federal law, volunteers for such entities are required to be covered by Workers' Compensation insurance.

- b. Commercial/General Liability Insurance – The Contractor shall carry General Liability Insurance covering all operations performed by or on behalf of the Contractor providing coverage for bodily injury and property damage with a combined single limit of not less than five million dollars (5,000,000), per occurrence. The policy coverage shall include:

- (a) Premises operations and mobile equipment.
- (b) Products and completed operations.
- (c) Broad form property damage (including completed operations).
- (d) Explosion, collapse and underground hazards.
- (e) Personal injury
- (f) Contractual liability.

- c. Automobile Liability Insurance – Primary insurance coverage shall be written on IS Business Auto coverage form for all owned, hired and non-owned automobiles or symbol 1 (any auto). The policy shall have a combined single limit of not less than five million dollars (5,000,000) for bodily injury and property damage, per occurrence.

If the Contractor owns no autos, a non-owned auto endorsement to the General Liability policy described above is acceptable.

- d. Continued Products/Completed perations Liability Insurance with a limit of not less than five million (5,000,000) for each occurrence for at least three years following Substantial Completion of the work on projects over one million (1,000,000).

- e. Subcontractor Insurance Requirements - The Contractor agrees to require all parties or Subcontractor, including architects or others it hires or contracts with related to the performance of this contract to provide insurance covering the contracted operations with the basic requirements for all contracts in Section III, Paragraph CC and the insurance specifications for all contracts in Section III, Paragraph CC (including waiver of subrogation

rights) and naming the County as an additional insured. The Contractor agrees to monitor and review all such coverage and assumes all responsibility ensuring that such coverage is provided as required here.

- f. Course of Construction/Installation (Builder's Risk) property insurance providing all risk, including theft coverage for all property and materials to be used on the project. The insurance policy shall not have any coinsurance penalty
 - g. Umbrella Liability Insurance – An umbrella (over primary) or excess policy may be used to comply with limits or other primary coverage requirements. When used, the umbrella policy shall apply to bodily injury/property damage, personal injury/advertising injury and shall include a “dropdown” provision providing primary coverage for any liability not covered by the primary policy. The coverage shall also apply to automobile liability.
 - h. Environmental Contracts In addition to the Basic Requirements/Specifications for all Contracts, any Job Order that involves the use, handling, transportation, storage, abatement, containment or testing of any substance that is potentially toxic or hazardous to the environment, including but not limited to, those listed as hazardous by the United States Department of Transportation or the CAL OSHA “Director’s list of Hazardous Substances” or listed as radioactive by the Nuclear Regulatory Commission, shall have the following additional requirements:
 - i. Environmental Liability Insurance with a combined single limit of not less than five million (\$ 5,000,000) per claim or occurrence and a separate aggregate for the contract project. The required additional insured endorsement shall protect the County without any restrictions.
 - ii. If insurance coverage is provided on a “claims made” policy, the “retroactive date” shall be shown and must be before the date of the start of the contract work. The claims made insurance shall be maintained or “tail” coverage provided for a minimum of five (5) years after contract completion.
2. Additional Insured – All policies, except for the Workers’ Compensation, Errors and Omissions and Professional Liability policies, shall contain endorsements naming the County and its officers, employees, agents and volunteers as additional insureds with respect to liabilities arising out of the performance of services hereunder. The additional insured endorsements shall not limit the scope of coverage for the County to vicarious liability but shall allow coverage for the County to the full extent provided by the policy. Such additional insured coverage shall be at least as broad as Additional Insured (Form B) endorsement form IS , CG 2010.11 85.
3. Waiver of Subrogation Rights – The Contractor shall require the carriers of required coverages to waive all rights of subrogation against the County, its officers, employees, agents, volunteers, contractors and subcontractor. All general or auto liability insurance coverage provided shall not prohibit the Contractor and Contractor’s employees or agents from waiving the right of subrogation prior to a loss or claim. The Contractor hereby waives all rights of subrogation against the County.
4. Policies Primary and Non-Contributory – All policies required herein are to be primary and non-contributory with any insurance or self-insurance programs carried or administered by the County.
5. Severability of Interests – The Contractor agrees to ensure that coverage provided to meet these requirements is applicable separately to each insured and there will be no cross liability exclusions that preclude coverage for suits between the Contractor and the County or between the County and any other insured or additional insured under the policy.
6. Proof of Coverage – The Contractor shall furnish Certificates of Insurance to the County Department administering the contract evidencing the insurance coverage at the time the contract is executed, additional endorsements, as required shall be provided prior to the commencement of

performance of services hereunder, which certificates shall provide that such insurance shall not be terminated or expire without thirty (30) Days written notice to the Department, and Contractor shall maintain such insurance from the time Contractor commences performance of services hereunder until the completion of such services. Within fifteen (15) Days of the commencement of this contract, the Contractor shall furnish a copy of the Declaration page for all applicable policies and will provide complete certified copies of the policies and endorsements immediately upon request.

7. Acceptability of Insurance Carrier – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum “Best” Insurance Guide rating of “A- VII”.

8. Deductibles and Self-Insured Retention - Any and all deductibles or self-insured retentions in excess of 10,000 shall be declared to and approved by Risk Management.

9. Failure to Procure Coverage – In the event that any policy of insurance required under this contract does not comply with the requirements, is not procured, or is canceled and not replaced, the County has the right but not the obligation or duty to cancel the contract or obtain insurance if it deems necessary and any premiums paid by the County will be promptly reimbursed by the Contractor or County payments to the Contractor will be reduced to pay for County purchased insurance.

10. Insurance Review – Insurance requirements are subject to periodic review by the County. The Director of Risk Management or designee is authorized, but not required, to reduce, waive or suspend any insurance requirements whenever Risk Management determines that any of the required insurance is not available, is unreasonably priced, or is not needed to protect the interests of the County. In addition, if the Department of Risk Management determines that heretofore unreasonably priced or unavailable types of insurance coverage or coverage limits become reasonably priced or available, the Director of Risk Management or designee is authorized, but not required, to change the above insurance requirements to require additional types of insurance coverage or higher coverage limits, provided that any such change is reasonable in light of past claims against the County, inflation, or any other item reasonably related to the County’s risk.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this contract. Contractor agrees to execute any such amendment within thirty (30) Days of receipt.

Any failure, actual or alleged, on the part of the County to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of the County.

I . COUNT □ RESPONSIBILITIES

- A. County employs Contractor to provide the materials and to do the Work according to the terms and conditions referred to in this document for the amount identified in each individual Job Order, payable in the manner and upon the conditions set forth in this document.
- B. The County will not be responsible for Contractor’s supplies, equipment, material, or personal belongings that may be damaged, lost, or stolen.

. FISCAL PROVISIONS

- A. The contract is a competitively bid, firm fixed priced indefinite quantity contract. It includes an ongoing series of individual Projects, detailed repair and construction tasks and specifications, at different locations throughout the County. The bid documents include a Construction Task Catalog □ containing construction tasks with preset Unit Prices. It is placed with a Contractor for the accomplishment of repair, alteration, modernization, rehabilitation, construction, etc., of buildings, structures, or other real property. Ordering is accomplished by the issuance of a Job Order against the Contract. There is no

Minimum Contract Value. Contractor acknowledges that there is no minimum value for individual Job orders issued under this Contract. The potential Maximum Contract Value is [REDACTED]. The Contractor shall perform all Work required, necessary, and proper for or incidental to completing the Work called for in each individual Job order issued against this Unit Price Contract using the **Insert Category** Construction Task Catalog (CTC) and Technical Specifications incorporated herein using the following adjustment factors:

1 A [REDACTED] **F** [REDACTED] **1** Contractor shall perform any and all functions called for in the Contract during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) in the quantities specified in individual Job orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

[REDACTED]
tilize four decimal places

1 A [REDACTED] **F** [REDACTED] **2** Contractor shall perform any and all functions called for in the Contract during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday, Sunday and County holidays) in the quantities specified in individual Job orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

[REDACTED]
tilize four decimal places

1 A [REDACTED] **F** [REDACTED] **3** Contractor shall perform any or all functions called for in the Contract and will be required to respond within 24 Hours, upon notification; during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) and during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday, Sunday and County holidays) in the quantities specified in individual Job orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

[REDACTED]
tilize four decimal places

1 A [REDACTED] **F** [REDACTED] **4** Contractor shall perform any or all functions called for in the Contract for Restricted Area Projects, such as Sheriff's Stations, Jails, Hospitals, and California Department of Health Care Access and Information (HCAI), formerly, California Office of Statewide Health Planning and Development (SHPD) Facilities, during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) and during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday, Sunday and County holidays) in the quantities specified in individual Job orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

[REDACTED]
tilize four decimal places

2 A [REDACTED] **F** [REDACTED] **5** Contractor shall perform any or all functions called for in the Contract during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) in the quantities specified in individual Job orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

[REDACTED]
tilize four decimal places

2 A [REDACTED] **F** [REDACTED] **6** Contractor shall perform any or all functions called for in the Contract during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday,

Sunday and County holidays) in the quantities specified in individual Job Orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

tilize four decimal places

Contractor shall perform any or all functions called for in the Contract and will be required to respond within 24 Hours, upon notification; during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) and during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday, Sunday and County holidays) in the quantities specified in individual Job Orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

tilize four decimal places

Contractor shall perform any or all functions called for in the Contract for Restricted Area Projects, such as Sheriff's Stations, Jails, Hospitals, and California Department of Health Care Access and Information (HCAI), formerly, California Office of Statewide Health Planning and Development (SHPD) Facilities, during Normal Working Hours (7:00AM to 5:00PM Monday through Friday) and during Other Than Normal Working Hours (5:01PM to 6:59AM Monday through Friday, Saturday, Sunday and County holidays) in the quantities specified in individual Job Orders against this contract for the unit price sum specified in the CTC multiplied times the adjustment factor of:

tilize four decimal places

- B. Contractor will provide invoices as detailed in the General Conditions. All invoices shall have attached a Job Order that has been signed by the site Building Maintenance Supervisor, or his designee, to verify that the work has been done. Invoices received without the proper Job Order attached will not be paid.
- C. Payments will be as described in the General Conditions and shall not be made more often than once each thirty (30) days, nor shall amount paid be in excess of ninety-five percent (95 %) of each Job Order at time of completion of each Job Order. Payment requests shall not be deemed properly completed unless certified payrolls and any other mandatory submittals have been properly completed and submitted for each week worked during the time period covered by said payment request. Final payment, if undisputed, is to be made sixty (60) days subsequent to filing of Notice of Completion or Final Acceptance of the Work by County.
- D. Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other bank account. Contractor shall promptly comply with directions and accurately complete forms provided by County required to process EFT payments.
- E. Costs for services under the terms of this Contract shall be incurred during the contract period except as approved by County. Contractor shall not use current year funds to pay prior or future year obligations.

I. RIGHT TO MONITOR AND AUDIT

A. RIGHT TO MONITOR

The County, shall have absolute right to review and audit all records, books, papers, documents, corporate minutes, and other pertinent items as requested, and shall have absolute right to monitor the performance of Contractor in the delivery of services provided under this Contract. Contractor

shall give full cooperation, in any auditing or monitoring conducted. Contractor shall cooperate with the County in the implementation, monitoring and evaluation of this agreement and comply with any and all reporting requirements established by the County.

In the event the County determines that Contractor's performance of its duties or other terms of this contract are deficient in any manner, County will notify Contractor of such deficiency in writing or orally, provided written confirmation is given five (5) days thereafter. Contractor shall remedy any deficiency within forty-eight (48) hours of such notification, or County at its option, may terminate this contract immediately upon written notice, or remedy deficiency and offset the cost thereof from any amounts due the Contractor under this contract or otherwise.

B. A R

All records pertaining to services delivered and all fiscal, statistical and management books and records shall be available for examination and audit by County representatives for a period of three years after final payment under the Contract or until all pending County, State and Federal audits are completed, whichever is later.

II. CORRECTION OF PERFORMANCE DEFICIENCIES

- A. Failure by Contractor to comply with any of the provisions, covenants, requirements or conditions of this Contract shall be a material breach of this Contract.
- B. In the event of a non-cured breach, County may, at its sole discretion and in addition to any other remedies available at law, in equity, or otherwise specified in this Contract:
 - 1. Afford Contractor thereafter a time period within which to cure the breach, which period shall be established at sole discretion of County; and/or
 - 2. Discontinue reimbursement to Contractor for and during the period in which Contractor is in breach, which reimbursement shall not be entitled to later recovery; and/or
 - 3. Withhold funds pending duration of the breach; and/or
 - 4. Offset against any monies billed by Contractor but yet unpaid by County those monies disallowed pursuant to Item 2 of this paragraph; and/or
 - 5. Terminate this Contract immediately and be relieved of the payment of any consideration to Contractor. In event of such termination, the County may proceed with the work in any manner deemed proper by the County. The cost to the County shall be deducted from any sum due to the Contractor under this Contract and the balance, if any, shall be paid by the Contractor upon demand.

III. TERM

This Contract is effective as of **Month Day Year** and expires **Month Day Year** but may be terminated earlier in accordance with provisions of this Contract. Contractor shall complete Work within the time specified in the individual Job Orders. Projects initiated prior to the expiration of the Contract period, via the issuance of a Job Order and Notice to Proceed, will be completed with all provisions of this Contract still in force, regardless of the expiration of the Contract period.

IX. GENERAL PROVISIONS

- A. When notices are required to be given pursuant to this Contract, the notices shall be in writing and mailed to the following respective addresses listed below.

Contractor: **Contractor Name**

Contractor Address

County: Director
Project and Facilities Management Department
385 North Arrowhead Avenue, Third Floor
San Bernardino, CA 92415-0184

- B. Nothing contained in this Contract shall be construed as creating a joint venture, partnership or employment arrangement between the Parties hereto, nor shall either Party have the right, power or authority to create an obligation or duty, expressed or implied, on behalf of the other Party hereto.
- C. County shall have Power of Attorney to pay delinquent debts and unpaid wages for work provided under this Contract from accounts payable to Contractor in the event debts and wages have not been paid on a current basis.
- D. No waiver of any of the provisions of the Contract shall be effective unless it is made in writing which refers to provisions so waived and which is executed by the Parties. No course of dealing and no delay or failure of a Party in exercising any right under the Contract shall affect any other or future exercise of that right or any exercise of any other right. A Party shall not be precluded from exercising a right by its having partially exercised that right or its having previously abandoned or discontinued steps to enforce that right.
- E. If any provision of the Contract is held by a court of competent jurisdiction to be unenforceable or contrary to law, it shall be modified where practicable to the extent necessary so as to be enforceable (giving effect to the intention of the Parties) and the remaining provisions of the Contract shall not be affected.
- F. This Contract shall be governed by and construed in all aspects in accordance with the laws of the State of California without regard to principles of conflicts of laws.
- G. This Contract, and all of its terms and conditions, shall be binding upon and shall inure to the benefit of the heirs, executors, administrators, successors, and assigns of the respective parties, provided no such assignment is in violation of the provisions of this Contract.
- H. Time is of the essence in performance of this Contract and of each of its provisions.
- I. Failure by a party to insist upon the strict performance of any of the provisions of this Contract by the other party, or the failure by a party to exercise its rights upon the default of the other party, shall not constitute a waiver of such party's right to insist and demand strict compliance by the other party with the terms of this Contract thereafter.
- J. Contractor shall make all reasonable efforts to ensure that no County officer or employee, whose position in the County enables him/her to influence any award of the Contract or any competing offer, shall have any direct or indirect financial interest resulting from the award of the Contract or shall have any relationship to the Contractor or officer or employee of the Contractor.
- K. All artwork, proofs, and/or negatives in either print or digital format for anything produced under the terms of this Contract are the property of the County. These items must be returned to the County within ten (10) days, upon written notification to the Contractor. In the event of a failure to return the documents, the County is entitled to pursue any available legal remedies. In addition, the Contractor will be barred from all future solicitations, for a period of at least six (6) months.

- L. The Director of the Project and Facilities Management Department shall represent the County in all matters pertaining to the services to be rendered under this Contract, including termination and assignment of this Contract, and shall be the final authority in all matters pertaining to the Work by Contractor. The San Bernardino County Board of Supervisors must approve all amendments to this Contract.

X. CONTRACT EXECUTION

This Contract may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Contract. The parties shall be entitled to sign and transmit an electronic signature of this Contract (whether by facsimile, PDF or other email transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Contract upon request.

XI. CONCLUSION

The contract is delivered by Contractor to County for acceptance by its Board of Supervisors at San Bernardino, California, and is deemed to have been entered into at San Bernardino.

IN WITNESS WHEREOF the Board of Supervisors of the San Bernardino County has caused this Contract to be subscribed by its duly authorized officers, in its behalf, and the said party of the second part has signed this Contract.

SAN BERNARDINO COUNTY

(Print or type name of corporation, company, contractor, etc.)

►

Curt Hagman, Board of Supervisors

By ►

(Authorized signature - sign in blue ink)

Dated: _____

Name _____

(Print or type name of person signing contract)

SIGNED AND CERTIFIED THAT A COPY OF THIS
DOCUMENT HAS BEEN DELIVERED TO THE
CHAIRMAN OF THE BOARD

Title _____

(Print or Type)

Lynna Monell
Clerk of the Board of Supervisors
San Bernardino County

By _____
Deputy

Dated: _____

Address _____

Approved as to Legal Form

Reviewed for Contract Compliance

Reviewed/Approved by Department

►
Katherine Hardy, Deputy County Counsel

►

►
Don Day, Director

Date _____

Date _____

Date _____

CONTRACTOR'S AFFIDAVIT AND FINAL RELEASE

This is to certify that _____
hereinafter "the undersigned", declares to San Bernardino County hereinafter "the
County", under oath, that it has paid in full for all materials, supplies, labor,
services, tools, equipment and all other bills contracted for by the undersigned or
by any of the undersigned's agents, employees or subcontractors used in or
contributing to the execution of its contract with the County with regard to the
building, erection, construction, or repair of that certain work of improvement
known as: _____
situated in the City / Community of _____
County of San Bernardino, State of California, more particularly described as
follows: _____

_____.

The undersigned declares that it knows of no unpaid debts or claims arising out
of said Contract which would constitute grounds for any third party to claim a stop
notice of any unpaid sums owing to the undersigned.

Further, for valuable consideration, the receipt of which is hereby acknowledged,
the undersigned does hereby fully release and acquit the County and all its
agents and employees of the County, and each of them, from any and all claims,
debts, demands, or causes of action which exist or might exist in favor of the
undersigned by reason of the Contract executed between the undersigned and
the County or which relate in any way to the work performed by the undersigned
with regard to the above-referenced construction project.

Further, the undersigned expressly acknowledges its awareness of and waives
the benefits of paragraph 1542 of the Civil Code of the State of California which
provides: "A general release does not extend to claims which the creditor does
not know or suspect to exist in his favor at the time of executing the release,
which if known by him must have materially affected his settlement with the
debtor."

This release is intended to be a full and general release of any and all claims
which the undersigned now has or may, in the future, have against the County
and/or its agents and employees with regard to any matter arising from the
construction of the above-referenced project of the contract between the County
and the Contractor with respect thereto whether such claims are now known or
unknown, or are suspected or unsuspected.

Dated: _____ By: _____
Name

Title: _____

Name of Entity: _____

CONTRACT BOND

BOND NUMBER _____

PUBLIC WORK

EFFECTIVE DATE _____

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS: That we,

(Name of Principal)
_____, as Principal

(Principal's Address)

and _____
(Name of Surety)

(Surety's Address)

a corporation organized and existing under the laws of the State of _____,
and authorized to transact surety business in the State of California, as Surety, are held
and firmly bound unto San Bernardino County in the amount of
_____ Dollars (\$_____),
lawful money of the United States of America, for which amount well and truly to be made,
we hereby bind ourselves, our heirs, executors, administrators, successors and assigns,
jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a contract dated _____, 20____,
(the "Contract") with San Bernardino County to do and perform the following work:

Project Name:

Project #:

The work to be performed by Principal is more particularly set forth in the Contract documents for the Project (hereinafter referred to as "Contract Documents"), the terms and conditions of which are expressly incorporated herein by reference.

WHEREAS the Contract Documents require Principal to perform the terms and conditions thereof, and to furnish a bond for the faithful performance of said Contract Documents.

NOW THEREFORE, the condition of this obligation is such that if the Principal, his, her or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the Contract Documents and any alteration thereof made as therein provided, on his, her or their part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning; and shall faithfully fulfill all obligations during the term of the Contract, and during the period of a general guarantee of all work executed under the Contract for a period expiring twelve (12) months after the date of acceptance of such work by San Bernardino County, and

during the life of all guarantees provided for under the Contract that extend for a period longer than said twelve (12) month period; and shall indemnify, defend and hold harmless San Bernardino County and its officers, agents, and employees, as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligations secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by San Bernardino County in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

As a condition precedent to the satisfactory completion of the Contract Documents, unless otherwise provided for in the Contract Documents, the above obligation shall hold good during the time periods stated herein above, during which time if Principal shall fail to make full, complete, and satisfactory repair and replacements and totally protect San Bernardino County from loss or damage resulting from or caused by defective materials or faulty workmanship, Surety shall undertake and faithfully fulfill all such obligations. The obligations of Surety hereunder shall continue so long as any obligation of Principal remains. Nothing herein shall limit San Bernardino County's rights or the Principal or Surety's obligations under the Contract, law or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

Whenever Principal shall be, and is declared by San Bernardino County to be, in default under the Contract Documents, the Surety shall remedy the default pursuant to the Contract Documents, or shall promptly, at San Bernardino County's option:

- (1) Take over and complete the Project in accordance with all terms and conditions in the Contract Documents; or
- (2) Obtain a Bid or Bids for completing the Project in accordance with all terms and conditions in the Contract Documents and upon determination by Surety of the lowest responsive and responsible Bidder, arrange for a Contract between such Bidder, the Surety and San Bernardino County, and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the Contract Sum, including other costs and damages for which Surety may be liable. The term "balance of the Contract Sum" as used in this paragraph shall mean the total amount payable to Principal by San Bernardino County under the Contract and any modification thereto, less any amount previously paid by San Bernardino County to the Principal and any other set offs pursuant to the Contract Documents.
- (3) Permit San Bernardino County to complete the Project in any manner consistent with California law and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the Contract Sum, including other costs and damages for which Surety may be liable. The term "balance of the Contract Sum" as used in this paragraph shall mean the total amount payable to Principal by San Bernardino County under the Contract and any modification thereto, less any amount previously paid by San Bernardino County to the Principal and

any other set offs pursuant to the Contract Documents.

Surety expressly agrees that San Bernardino County may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

Surety shall not utilize Principal in completing the Project nor shall Surety accept a Bid from Principal for completion of the Project if San Bernardino County notifies Surety of San Bernardino County's objection to Principal's further participation in the completion of the Project.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project to be performed thereunder shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project.

This bond is deemed to have been entered into at San Bernardino, California.

IN WITNESS WHEREOF, the Principal and Surety have caused this bond to be executed this _____ day of _____, 20__, by its undersigned representative(s) pursuant to authority of its governing body.

(Seal)

Principal
(Have Signature(s) Notarized)

Name: _____

By: _____

Title: _____

Address: _____

Phone _____

Surety
(Have Signature(s) Notarized and Attach
Power of Attorney)

Name: _____

By: _____

Title: _____

Address: _____

Phone _____

(Seal)

CONTRACT BOND

BOND NUMBER _____

PUBLIC WORK

EFFECTIVE DATE _____

PAYMENT BOND
(LABOR AND MATERIALS)

KNOW ALL PERSONS BY THESE PRESENTS: That we,

(Name of Principal)

_____, as Principal
(Principal's Address)

and _____
(Name of Surety)

(Surety's Address)

a corporation organized and existing under the laws of the State of _____,
and authorized to transact surety business in the State of California, as Surety, are held
and firmly bound unto San Bernardino County in the amount of
_____ Dollars (\$_____),
lawful money of the United States of America, for the payment whereof, well and truly to
be made, we hereby bind ourselves, our heirs, executors, administrators, successors and
assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has entered into a contract dated _____, 20____,
(the "Contract") with San Bernardino County to do and perform the following work:

Project Name:

Project #:

The work to be performed by Principal is more particularly set forth in the Contract Documents for the Project (hereinafter referred to as "Contract Documents"), the terms and conditions of which are expressly incorporated herein by reference.

WHEREAS, the Contract Documents require Principal, before entering upon the performance of the work, to file a good and sufficient Payment Bond with San Bernardino County to secure the claims to which reference is made in Division 4, Part 6, Title 3, sections 9000 et seq. of the California Civil Code.

NOW THEREFORE, the condition of this obligation is such that if the hereby bounded Principal, his, her or its heirs, executors, administrators, successors or assigns or subcontractors shall fail to pay any of the persons named in California Civil Code section 9100, or amounts due under the California Unemployment Insurance Code with respect to work or labor performed under the Contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the

wages of employees of the Principal and subcontractors pursuant to section 13020 of the California Unemployment Insurance Code with respect to the work and labor, that Surety will pay for the same, and also, in case suit is brought upon the bond, a reasonable attorney's fee, to be fixed by the court.

This bond shall inure to the benefit of any of the persons named in California Civil Code section 9100 so as to give a right of action to those persons or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the Contract Documents accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed or to the Contract Documents thereunder.

This bond is deemed to have been entered into at San Bernardino, California.

IN WITNESS WHEREOF, the Principal and Surety have caused this bond to be executed this day _____ of _____, 20____, by its undersigned representative(s) pursuant to authority of its governing body.

(Seal)

Principal

(Have Signature(s) Notarized)

Name: _____

By: _____

Title: _____

Address: _____

Phone _____

Surety

(Have Signature(s) Notarized and Attach Power of Attorney)

Name: _____

By: _____

Title: _____

Address: _____

Phone _____

(Seal)

General Prevailing Wage Determinations: 2024-1 Journeyman Determinations

**General prevailing wage determinations made by the director of industrial relations
Pursuant to California Labor Code part 7, chapter 1, article 2, sections 1770, 1773, and 1773.1**

The effective date of each determination is ten (10) days after the issue date. (8 CCR § 16000). The general determinations are issued twice a year (February 22nd and August 22nd) and go into effect ten days thereafter (March 3rd in a leap year and March 4th in a non-leap year for determinations issued on February 22nd, and September 1st for determinations issued on August 22nd).

For the most up-to-date wage determinations, visit <http://www.dir.ca.gov/oprl/PWD/index.htm>. Check the [Important Notices](#) to see if any corrections, interims, or modifications have been issued that may apply to your determination.

CRAFT	LOCATION (Click for website) (pg)
Asbestos and Lead Abatement (Laborer) (e)	Southern California (18D)
Asbestos Worker, Heat and Frost Insulator (d)	Southern California (3)
Boilermaker (for Pipelines) (e)	Southern California
Boilermaker-Blacksmith	Statewide (1)
Brick Tender	County Subtrade
Brick Tender: Forklift Operator	County Subtrade
Bricklayer, Stonemason, Marble Mason, Cement Blocklayer, Pointer, Caulker, Cleaner	County Subtrade
Bricklayer: Mason Finisher	County Subtrade
Building/Construction Inspector and Field Soils and Material Tester +	Southern California (10E)
Carpenter	Southern California (4)
Carpet, Linoleum, Resilient Tile Layer	County Subtrade
Carpet, Linoleum, Resilient Tile Layer – Second Shift	County Subtrade Shift Diff
Carpet, Linoleum: Material Handler – After 6 Months	County Subtrade
Carpet, Linoleum: Material Handler – After 6 Months – Second Shift	County Subtrade Shift Diff
Carpet, Linoleum: Material Handler – First 6 Months	County Subtrade
Carpet, Linoleum: Material Handler – First 6 Months – Second Shift	County Subtrade Shift Diff
Cement Mason	Southern California (20)
Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) +	Southern California (10A-10B)
Dredger (Operating Engineer) (e)	Southern California (10)
Driver (On/Off-Hauling To/From Construction Site)	Statewide (2K-2L)
Drywall Finisher	County Subtrade
Drywall Installer (Carpenter)	Southern California (5)
Electrical Utility Lineman (a)	Statewide (2A)
Electrical Utility Lineman (b)	Statewide (2I)
Electrical Utility Lineman (c)	Statewide (2A-1)
Electrician: Cable Splicer – Zone A – Second Shift	County Subtrade Shift Diff

+ Includes shift pay determinations.

* A single asterisk after the expiration date of a determination indicates that no increase is required for projects advertised while that determination is in effect. The determination remains in effect until it is canceled, modified, or superseded by a new determination by the Director of Industrial Relations. A new determination will become effective 10 days after it is issued. Contact the Division of Labor Statistics and Research at (415) 703-4774 after 10 days from the expiration date, if no subsequent determination is issued.

- a. State of California, except Del Norte, Imperial, Inyo, Kern, Los Angeles, Modoc, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Siskiyou, Tulare and Ventura.
- b. Includes Del Norte, Modoc and Siskiyou Counties.

- c. Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare and Ventura.
- d. Includes San Diego County; excludes Mono County.
- e. Includes San Diego County.

General Prevailing Wage Determinations: 2024-1 Journeyman Determinations

CRAFT	LOCATION (Click for website) (pg)
Electrician: Cable Splicer – Zone A – Third Shift	County Subtrade Shift Diff
Electrician: Comm & System Installer	County Subtrade
Electrician: Comm & System Installer – Second Shift	County Subtrade Shift Diff
Electrician: Comm & System Installer – Third Shift	County Subtrade Shift Diff
Electrician: Comm & System Tech	County Subtrade
Electrician: Comm & System Tech – Second Shift	County Subtrade Shift Diff
Electrician: Comm & System Tech – Third Shift	County Subtrade Shift Diff
Electrician: Inside Wireman – Zone A	County Subtrade
Electrician: Inside Wireman – Zone A – Second Shift	County Subtrade Shift Diff
Electrician: Tunnel Wireman – Zone A	County Subtrade
Electrician: Tunnel Wireman – Zone A – Third Shift	County Subtrade Shift Diff
Elevator Constructor (e)	Southern California (6)
Fence Builder (Carpenter) (e)	Southern California (3A)
Field Surveyor: Chainman/Rodman	County Subtrade
Field Surveyor: Chief of Party	County Subtrade
Field Surveyor: Instrumentman	County Subtrade
Fire Safety and Miscellaneous Sealing (e) +	Southern California (11C)
Glazier	County Subtrade
Gunite Worker (Laborer) (e)	Southern California (16)
Horizontal Directional Drilling (Laborer)(e)	Southern California (21-D)
Housemover (Laborer)	Southern California (17)
Iron Worker	Statewide (2)
Laborer	Southern California (13)
Landfill Worker (Operating Engineer) (e)	Southern California (10F)
Landscape Irrigation Laborer	Southern California (18A)
Landscape Maintenance Laborer	Southern California (18C)
Landscape Operating Engineer	Southern California (10C)
Light Fixture Maintenance	Southern California (11B)
Light Fixture Maintenance (e)	Southern California (11A)
Marble Finisher	County Subtrade
Metal Roofing	Statewide (2J)
Modular Furniture Installer (Carpenter)	Southern California (4A)
Operating Engineer +	Southern California (7)
Painter: Industrial Painter	County Subtrade
Painter: Industrial Repaint Painter	County Subtrade
Painter: Lead Abatement	County Subtrade

+ Includes shift pay determinations.

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- a. State of California, except Del Norte, Imperial, Inyo, Kern, Los Angeles, Modoc, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Siskiyou, Tulare and Ventura.
- b. Includes Del Norte, Modoc and Siskiyou Counties.

- c. Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare and Ventura.
- d. Includes San Diego County; excludes Mono County.
- e. Includes San Diego County.

General Prevailing Wage Determinations: 2024-1 Journeyman Determinations

CRAFT	LOCATION (Click for website) (pg)
Painter: Repaint Painter, Lead Abatement	County Subtrade
Parking and Highway Improvement (Striping, slurry & seal coat operations-Laborer) (e)	Southern California (18E)
Plaster Tender	County Subtrade
Plaster Tender: Plaster Clean-Up Laborer	County Subtrade
Plasterer	County Subtrade
Plumber: Fire Sprinkler Fitter	County Subtrade
Plumber: Fire Sprinkler Fitter – Second Shift	County Subtrade Shift Diff
Plumber: Industrial and General Pipefitter	County Subtrade
Plumber: Industrial and General Pipefitter – Second Shift	County Subtrade Shift Diff
Plumber: Landscape/Irrigation Fitter	County Subtrade
Plumber: Landscape/Irrigation Fitter – Second Shift	County Subtrade Shift Diff
Plumber: Landscape/Irrigation Tradesman	County Subtrade
Plumber: Landscape/Irrigation Tradesman – Second Shift	County Subtrade Shift Diff
Plumber: Service & Repair	County Subtrade
Plumber: Service & Repair – Second Shift	County Subtrade Shift Diff
Plumber: Sewer and Storm Drain Pipe Tradesman	County Subtrade
Plumber: Sewer and Storm Drain Pipe Tradesman – Second Shift	County Subtrade Shift Diff
Plumber: Sewer and Storm Drain Pipelayer	County Subtrade
Plumber: Sewer and Storm Drain Pipelayer – Second Shift	County Subtrade Shift Diff
Roofer	County Subtrade
Roofer: Pitch Work	County Subtrade
Roofer: Preparer	County Subtrade
Sheet Metal Worker	County Subtrade
Stator Rewinder	Statewide (2H)
County Subtrade Electrician: Cable Splicer – Zone A	County Subtrade
Teamster +	Southern California (21)
Telecommunications Technician	Statewide (2B-2B2)
Telephone Installation Worker	Statewide (2B3)
Terrazzo Worker	County Subtrade
Tile Finisher	County Subtrade
Tile Layer	County Subtrade
Tree Trimmer	Statewide (2D-2F)
Tunnel (Operating Engineer) +	Southern California (10D)
Tunnel Worker (Laborer)	Southern California (15)

+ Includes shift pay determinations.

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- a. State of California, except Del Norte, Imperial, Inyo, Kern, Los Angeles, Modoc, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Siskiyou, Tulare and Ventura.
- b. Includes Del Norte, Modoc and Siskiyou Counties.

- c. Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare and Ventura.
- d. Includes San Diego County; excludes Mono County.
- e. Includes San Diego County.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Boilermaker-Blacksmith #

Determination:

C-14-X-2-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within the State of California

Wages and Employer Payments:

<u>Classification</u> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Boilermaker-Blacksmith (Area 1) ^b	\$46.03	\$8.57	\$18.44 ^c	\$7.90 ^c	\$3.90	\$0.74	8.0	\$85.58	\$121.765 ^d	\$121.765 ^d	\$157.95
Boilermaker-Blacksmith (Area 2) ^b	\$49.62	\$8.57	\$22.30 ^c	\$6.00 ^c	\$4.40	\$0.74	8.0	\$91.63	\$130.59 ^d	\$130.59 ^d	\$169.55
Boilermaker-Blacksmith (Area 3) ^b	\$45.60	\$8.57	\$20.52 ^c	\$5.50 ^c	\$4.40	\$0.74	8.0	\$85.33	\$121.14 ^d	\$121.14 ^d	\$156.95

Determination:

C-14-X-2-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within the State of California

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Boilermaker-Blacksmith Helper ^e (Area 1) ^b	\$25.32	f	\$0.73 ^e	\$0.00	\$3.90	\$0.74	8.0	\$30.69	\$43.715 ^d	\$43.715 ^d	\$56.74
Boilermaker-Blacksmith Helper ^e (Area 2) ^b	\$27.29	f	\$0.73 ^c	\$0.00	\$4.40	\$0.74	8.0	\$33.16	\$47.17 ^d	\$47.17 ^d	\$61.18
Boilermaker-Blacksmith Helper ^e (Area 3) ^b	\$25.08	f	\$0.73 ^c	\$0.00	\$4.40	\$0.74	8.0	\$30.95	\$43.855 ^d	\$43.855 ^d	\$56.76

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm)

[Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes amount for Annuity Trust Fund.

^b **Area 1:** Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, San Luis Obispo (only that portion that is within a 25-mile radius of the city of Santa Maria), and Ventura Counties.

Area 2: Alameda, Contra Costa, Marin, Monterey, Sacramento, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties.

Area 3: All other remaining counties.

^c Contribution is factored at the applicable overtime multiplier for each overtime hour worked.

^d Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is paid at the Sunday/Holiday rate.

^e One Helper shall be employed on each job of 5 to 10 employees.

^f Helpers will be eligible for Health & Welfare benefits after completing 2000 hours.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Iron Worker #

Determination:

C-20-X-1-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

December 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

Area 1: San Francisco County.

Area 2: Alameda, Contra Costa, San Mateo and Santa Clara County

Area 3: City of Los Angeles and the following cities/localities within Los Angeles County: Baldwin Hills, Beverly Hills, Burbank, Culver City, El Segundo, Gardena, Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lennox, Lomita, Manhattan Beach, Marina Del Rey, Rancho Palos Verdes, Redondo Beach, Rolling Hills Estates, San Fernando, Santa Monica, Torrance, Universal City, West Hollywood, Westwood Veterans Affairs.

Area 4: Amador, Butte, Calaveras, Colusa, El Dorado, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lake, Los Angeles (portions not covered in Area 3), Madera, Marin, Mariposa, Mendocino, Merced, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, Santa Barbara, Santa Cruz, Shasta, Sierra, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Ventura, Yolo and Yuba Counties

Area 5: Alpine, Del Norte, Inyo, Lassen, Modoc, Mono, Siskiyou and Trinity Counties

Wages and Employer Payments:

<u>Classification</u> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Saturday Overtime Hourly Rate (1 ½ X) ^b	Sunday/ Holiday Overtime Hourly Rate (2 X)
Iron Worker (Ornamental, Reinforcing, Structural) (Area 1)	\$52.58	\$12.20	\$9.32	\$6.10	\$0.72	\$7.065	8.0	\$87.985	\$114.275	\$114.275	\$140.565

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Saturday Overtime Hourly Rate (1 ½ X) ^b	Sunday/ Holiday Overtime Hourly Rate (2 X)
Iron Worker (Ornamental, Reinforcing, Structural) (Area 2)	\$52.08	\$12.20	\$9.32	\$6.10	\$0.72	\$7.065	8.0	\$87.485	\$113.525	\$113.525	\$139.565
Iron Worker (Ornamental, Reinforcing, Structural) (Area 3)	\$49.58	\$12.20	\$9.32	\$6.10	\$0.72	\$7.065	8.0	\$84.985	\$109.775	\$109.775	\$134.565
Iron Worker (Ornamental, Reinforcing, Structural) (Area 4)	\$47.45	\$12.20	\$9.32	\$6.10	\$0.72	\$7.065	8.0	\$82.855	\$106.580	\$106.580	\$130.305
Iron Worker (Ornamental, Reinforcing, Structural) (Area 5)	\$41.00	\$12.20	\$9.32	\$5.40	\$0.72	\$7.065	8.0	\$75.705	\$96.205	\$96.205	\$116.705
Fence Erector (All Areas)	\$42.53	\$10.03	\$5.99	\$4.72	\$0.51	\$5.185	8.0	\$68.965	\$90.230	\$90.230	\$111.495

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes supplemental dues

^b Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday. All other overtime is at the Sunday/Holiday rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Electrical Utility Lineman #

Determination:

C-61-X-3-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

May 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774

Localities:

All localities within the State of California, except Del Norte, Modoc, and Siskiyou Counties. (For Del Norte, Modoc, and Siskiyou - see determination C-61-X-8)

Wages and Employer Payments:

<u>Classification</u> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (2 X)	Saturday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate
Lineman, Cable Splicer #	\$67.30	\$8.35	\$12.71 ^a	\$0.67 ^b	\$0.74 ^c	8.0	\$91.79	\$162.52	\$162.52	\$162.52
Powderman	\$57.86	\$8.35	\$11.47 ^a	\$0.58 ^b	\$0.63 ^c	8.0	\$80.63	\$141.43	\$141.43	\$141.43
Groundman	\$39.57	\$8.35	\$11.43 ^a	\$0.40 ^b	\$0.44 ^c	8.0	\$61.38	\$102.96	\$102.96	\$102.96

Determination:

C-61-X-4-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

December 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774

Localities:

All localities within the State of California, except Del Norte, Imperial, Inyo, Kern, Kings, Los Angeles, Modoc, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Siskiyou, Tulare, and Ventura Counties. (For Del Norte, Modoc, and Siskiyou – see determination C-61-X-8. For Imperial, Inyo, Kern, Kings, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare, and Ventura Counties– see determination C-61-X-5)

Wages and Employer Payments:

<u>Classification</u> (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Pole Restoration Journeyman	\$35.87	\$7.75 ^d	\$2.50 ^a	\$1.51	8.0	\$48.71	\$67.18	\$67.18 ^e	\$67.18
After 1 year	\$35.87	\$7.75 ^d	\$2.50 ^a	\$2.20	8.0	\$49.40	\$67.87	\$67.87 ^e	\$67.87
After 3 years	\$35.87	\$7.75 ^d	\$2.50 ^a	\$2.89	8.0	\$50.09	\$68.56	\$68.56 ^e	\$68.56
After 6 years	\$35.87	\$7.75 ^d	\$2.50 ^a	\$3.58	8.0	\$50.78	\$69.25	\$69.25 ^e	\$69.25
Senior Technician ^f	\$23.15	\$7.75 ^d	\$2.10 ^a	\$0.98	8.0	\$34.67	\$46.60	\$46.60 ^e	\$46.60
After 1 year	\$23.15	\$7.75 ^d	\$2.10 ^a	\$1.43	8.0	\$35.12	\$47.05	\$47.05 ^e	\$47.05
After 3 years	\$23.15	\$7.75 ^d	\$2.10 ^a	\$1.87	8.0	\$35.56	\$47.49	\$47.49 ^e	\$47.49

<u>Classification</u> (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
After 6 years	\$23.15	\$7.75 ^d	\$2.10 ^a	\$2.32	8.0	\$36.01	\$47.94	\$47.94 ^e	\$47.94
Pole Treatment Journeyman	\$32.05	\$7.75 ^d	\$2.50 ^a	\$1.36	8.0	\$44.62	\$61.13	\$61.13 ^e	\$61.13
After 1 year	\$32.05	\$7.75 ^d	\$2.50 ^a	\$1.97	8.0	\$45.24	\$61.75	\$61.75 ^e	\$61.75
After 3 years	\$32.05	\$7.75 ^d	\$2.50 ^a	\$2.59	8.0	\$45.85	\$62.36	\$62.36 ^e	\$62.36
After 6 years	\$32.05	\$7.75 ^d	\$2.50 ^a	\$3.21	8.0	\$46.47	\$62.98	\$62.98 ^e	\$62.98
Pole Restoration and Treatment ^f Technician	\$20.82	\$7.75 ^d	\$1.60 ^a	\$0.88	8.0	\$31.67	\$42.40	\$42.40 ^e	\$42.40
After 1 year	\$20.82	\$7.75 ^d	\$1.60 ^a	\$1.28	8.0	\$32.07	\$42.80	\$42.80 ^e	\$42.80
After 3 years	\$20.82	\$7.75 ^d	\$1.60 ^a	\$1.68	8.0	\$32.47	\$43.20	\$43.20 ^e	\$43.20
After 6 years	\$20.82	\$7.75 ^d	\$1.60 ^a	\$2.08	8.0	\$32.87	\$43.60	\$43.60 ^e	\$43.60

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a In addition, an amount equal to 3% of the Basic Hourly Rate is added to the Total Hourly Rate and overtime hourly rates for the National Employees Benefit Board

^b This amount is factored at the applicable overtime rate.

^c Includes \$0.01 to LMCC; the remaining amount is factored at the applicable overtime rate.

^d Includes an amount for Health Reimbursements Accounts.

^e Saturdays may be scheduled as a make-up day at the regular straight time rate.

^f The Ratio of Technicians to Journeymen may not exceed 4 to 1. However, if the Journeyman is assisted by a maximum of two Senior Technicians, three additional Technicians may be added per Senior Technician

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Electrical Utility Lineman

Determination:

C-61-X-5-2023-1

Issue Date:

February 22, 2023

Expiration date of determination:

December 31, 2023* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Imperial, Inyo, Kern, Kings, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare, and Ventura Counties.

Wages and Employer Payments:

<u>Classification</u> (Journeyman)	Basic Hourly Rate	Health and Welfare ^d	Pension	Vacation and Holiday	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Pole Restoration Journeyman	\$34.74	\$7.50	\$2.00 ^a	\$0.00	8.0	\$45.28	\$63.17	\$63.17 ^b	\$63.17
After 6 months	\$34.74	\$7.50	\$2.00 ^a	\$1.77	8.0	\$47.05	\$64.94	\$64.94 ^b	\$64.94
After 3 years	\$34.74	\$7.50	\$2.00 ^a	\$2.63	8.0	\$47.91	\$65.80	\$65.80 ^b	\$65.80
After 6 years	\$34.74	\$7.50	\$2.00 ^a	\$3.10	8.0	\$48.38	\$66.27	\$66.27 ^b	\$66.27
After 10 years	\$34.74	\$7.50	\$2.00 ^a	\$3.50	8.0	\$48.78	\$66.67	\$66.67 ^b	\$66.67
Senior Technician ^c	\$22.42	\$7.50	\$1.60 ^a	\$0.00	8.0	\$32.19	\$43.74	\$43.74 ^b	\$43.74
After 6 months	\$22.42	\$7.50	\$1.60 ^a	\$1.14	8.0	\$33.33	\$44.88	\$44.88 ^b	\$44.88
After 3 years	\$22.42	\$7.50	\$1.60 ^a	\$1.70	8.0	\$33.89	\$45.43	\$45.43 ^b	\$45.43
After 6 years	\$22.42	\$7.50	\$1.60 ^a	\$2.00	8.0	\$34.19	\$45.73	\$45.73 ^b	\$45.73
After 10 years	\$22.42	\$7.50	\$1.60 ^a	\$2.26	8.0	\$34.45	\$45.99	\$45.99 ^b	\$45.99
Pole Treatment Journeyman	\$31.04	\$7.50	\$2.00 ^a	\$0.00	8.0	\$41.47	\$57.46	\$57.46 ^b	\$57.46
After 6 months	\$31.04	\$7.50	\$2.00 ^a	\$1.58	8.0	\$43.05	\$59.04	\$59.04 ^b	\$59.04
After 3 years	\$31.04	\$7.50	\$2.00 ^a	\$2.35	8.0	\$43.82	\$59.81	\$59.81 ^b	\$59.81
After 6 years	\$31.04	\$7.50	\$2.00 ^a	\$2.77	8.0	\$44.24	\$60.22	\$60.22 ^b	\$60.22
After 10 years	\$31.04	\$7.50	\$2.00 ^a	\$3.13	8.0	\$44.60	\$60.58	\$60.58 ^b	\$60.58

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare ^d	Pension	Vacation and Holiday	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Pole Restoration and Treatment ^c Technician (First 6 months)	\$19.16	\$7.50	\$1.10 ^a	\$0.00	8.0	\$28.33	\$38.20	\$38.20 ^b	\$38.20
Pole Restoration and Treatment ^c Technician (After 6 months)	\$19.16	\$7.50	\$1.10 ^a	\$0.98	8.0	\$29.31	\$39.17	\$39.17 ^b	\$39.17
Pole Restoration and Treatment ^c Technician (After 3 years)	\$19.16	\$7.50	\$1.10 ^a	\$1.45	8.0	\$29.78	\$39.65	\$39.65 ^b	\$39.65
Pole Restoration and Treatment ^c Technician (After 6 years)	\$19.16	\$7.50	\$1.10 ^a	\$1.71	8.0	\$30.04	\$39.90	\$39.90 ^b	\$39.90
Pole Restoration and Treatment ^c Technician (After 10 years)	\$19.16	\$7.50	\$1.10 ^a	\$1.93	8.0	\$30.26	\$40.13	\$40.13 ^b	\$40.13

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a In addition, an amount equal to 3% of the Basic Hourly Rate is added to the Total Hourly Rate and overtime hourly rates for the National Employees Benefit Board.

^b Saturdays may be scheduled as a make-up day at the regular straight time rate.

^c The Ratio of Technicians to Journeymen may not exceed 4 to 1. However, if the Journeyman is assisted by a maximum of two Senior Technicians, three additional Technicians may be added per Senior Technician.

^d Health and Welfare includes \$0.50 for Health Reimbursement Account.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Electrical Utility Lineman #

Determination:

C-61-X-8-2023-1

Issue Date:

February 22, 2023

Expiration date of determination:

January 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Del Norte, Modoc and Siskiyou counties.

Wages and Employer Payments:

<u>Classification</u> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^a	Training ^b	Other ^c	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (2X)	Saturday Overtime Hourly Rate (2X)	Sunday/ Holiday Overtime Hourly Rate (2X)
Lineman, Heavy Line Equipment man, Certified Lineman Welder, Pole Sprayer	\$60.54	\$8.00	\$15.97	\$0.91	\$0.15	8.0	\$85.57	\$148.99	\$148.99	\$148.99
Cable Splicer	\$67.80	\$8.00	\$16.18	\$1.02	\$0.17	8.0	\$93.17	\$164.19	\$164.19	\$164.19
Line Equipment Operator	\$52.06	\$8.00	\$12.51	\$0.78	\$0.13	8.0	\$73.48	\$128.01	\$128.01	\$128.01
Powderman	\$45.41	\$7.90	\$9.51	\$0.68	\$0.11	8.0	\$63.61	\$111.17	\$111.17	\$111.17
Groundman First 1040 Hours	\$24.22	\$7.90	\$8.88	\$0.36	\$0.06	8.0	\$41.42	\$66.79	\$66.79	\$66.79
Groundman 1041-2080 Hours	\$30.27	\$7.90	\$9.06	\$0.45	\$0.08	8.0	\$47.76	\$79.47	\$79.47	\$79.47
Groundman 2081+ Hours	\$37.53	\$7.90	\$9.28	\$0.56	\$0.09	8.0	\$55.36	\$94.67	\$94.67	\$94.67
Pole Sprayer Trainee First six months	\$51.88	\$7.90	\$9.71	\$0.78	\$0.13	8.0	\$70.40	\$124.75	\$124.75	\$124.75
Pole Sprayer Trainee Second six months	\$54.36	\$7.90	\$9.78	\$0.82	\$0.14	8.0	\$73.00	\$129.95	\$129.95	\$129.95
Pole Sprayer Trainee Third six months	\$56.18	\$7.90	\$9.84	\$0.84	\$0.14	8.0	\$74.90	\$133.75	\$133.75	\$133.75

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount equal to 3% of the Basic Hourly Rate for the National Employees Benefit Board. This amount is factored at the applicable overtime rate. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^b This amount is factored at the applicable overtime rate.

^c This amount is for the Administrative Maintenance Fund (AMF) and is factored at the applicable overtime rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Telecommunications Technician

Determination:

C-422-X-1-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

April 6, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within San Francisco, San Mateo and Santa Clara Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X) ^b	Holiday Overtime Hourly Rate (2 ½ X)
Telecommunications Technician	\$48.51	\$8.27	\$4.06	\$3.36	\$0.00	8.0	\$64.20	\$88.455	\$136.965

^a \$4.29 employees with 7 years of service but less than 15 years, \$5.22 for 15 years but less than 25 years, \$6.16 for over 25 years.

^b Rate applies to work in excess of eight hours daily and for all hours over 40 hours in a week. Rate applies to all hours worked on Sunday.

Determination:

C-422-X-1-2023-1A

Issue Date:

August 22, 2023

Expiration date of determination:

April 6, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Alameda, Contra Costa, Los Angeles, Marin, Orange, Riverside, San Diego and Ventura Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^c	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X) ^b	Holiday Overtime Hourly Rate (2 ½ X)
Telecommunications Technician	\$47.48	\$8.27	\$3.97	\$3.29	\$0.00	8.0	\$63.01	\$86.750	\$134.230

^c \$4.20 for employees with 7 years of service but less than 15 years, \$5.11 for 15 years but less than 25 years, \$6.03 for over 25 years.

Determination:

C-422-X-1-2023-1B

Issue Date:

August 22, 2023

Expiration date of determination:

April 6, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^d	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X) ^b	Holiday Overtime Hourly Rate (2 ½ X)
Telecommunications Technician	\$46.20	\$8.27	\$3.87	\$3.20	\$0.00	8.0	\$61.54	\$84.640	\$130.840

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^d \$4.09 for employees with 7 years of service but less than 15 years, \$4.98 for 15 years but less than 25 years, \$5.86 for over 25 years.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Telecommunications Technician

Determination:

C-422-X-10-2023-2

Issue Date:

August 22, 2023

Expiration date of determination: April 6, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Del Norte, Inyo, Mono, San Bernardino and Santa Barbara Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X) ^b	Holiday Overtime Hourly Rate (2 ½ X)
Telecommunications Technician	\$46.20	\$8.27	\$3.87	\$3.20	\$0.00	8.0	\$61.54	\$84.640	\$130.840

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a \$4.09 for employees with 7 years of service but less than 15 years, \$4.98 for 15 years but less than 25 years, \$5.86 for 25 years or more.

^b Rate applies to work in excess of eight hours daily and for all hours over 40 hours in a week. Rate applies to all hours worked on Sunday.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Stator Rewinder #

Determination:

C-738-1412-7-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within the State of California

Wages and Employer Payments:

<u>Classification</u> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation	Holiday	Training	Hours	Total Hourly Rate ^a	Daily Overtime Hourly Rate (1 ½ X) ^{ab}	Saturday Overtime Hourly Rate (1 ½ X) ^{ab}	Sunday Overtime Hourly Rate (2 X) ^a	Holiday Overtime Hourly Rate (2 ½ X) ^a
Stator Rewinder	\$16.00	\$1.44 ^c	\$2.30 ^c	\$0.31 ^{cd}	\$0.62	\$0.31 ^c	8.0	\$20.98	\$31.16	\$31.16	\$41.34	\$51.52
Stator Rewinder Helper	\$16.00	\$1.44 ^c	\$2.30 ^c	\$0.31 ^{cd}	\$0.62	\$0.31 ^c	8.0	\$20.98	\$31.16	\$31.16	\$41.34	\$51.52

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm)

[Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Does not include any additional amount that may be required for vacation pay.

^b Rate applies to the first 4 daily overtime hours and the first 12 hours on Saturday. After 12 hours daily, the Sunday double-time rate applies.

^c Contributions are factored at the appropriate overtime multiplier.

^d Rate applies to the first two years of employment only: for employment over two years, \$0.62 per hour worked; for employment over five years, \$0.77 per hour worked; for employment over seven years, \$0.92 per hour worked; for employment over fifteen years, \$1.23 per hour worked; for employment over twenty years, \$1.54 per hour worked; for employment over thirty years, \$1.85 per hour worked.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-5-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Alpine, Amador, Calaveras, El Dorado, Fresno, Kings, Madera, Mariposa, Merced, Nevada, Placer, Sacramento, San Joaquin, Sierra, Stanislaus, Sutter, Tulare, Tuolumne and Yuba Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$17.00	\$3.09 ^a	\$0.00	\$0.85 ^b	\$0.00	\$0.00	8.0	\$20.94	\$29.44 ^c	\$29.44

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$535.26 is paid for the month.

^b \$1.18 after 3 years of service

\$1.50 after 10 years of service

\$1.83 after 20 years of service

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-6-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Kern, Monterey, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$16.76	\$3.04 ^a	\$2.75	\$0.90 ^b	\$0.64	\$0.00	8.0	\$24.09	\$32.47 ^c	\$32.47

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$526.19 is paid for the month.

^b \$1.22 after 2 years of service. \$1.55 after 10 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-7-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 30, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for new rates after 10 days from expiration date, if no subsequent determination is issued.

Localities:

All localities within Alameda, Contra Costa, Del Norte, Humboldt, Lassen, Modoc, San Francisco, San Mateo, Santa Clara, Shasta, Siskiyou and Trinity Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$22.50	^a	\$0.00	\$0.43 ^b	\$0.00	\$0.00	8.0	\$22.93	\$34.18 ^c	\$34.18

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a Health and Welfare will increase from \$0.00 to \$1.16 after 90 days of service, which will be seen as an increase to the Total Hourly Rate as well.

^b \$0.78 after 90 days of service with the employer

\$1.21 after 5 years of service with the employer

\$1.65 after 10 years of service with the employer

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-8-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Butte, Colusa, Glenn, Lake, Mendocino, Plumas and Tehama Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$21.00	\$2.81 ^a	\$0.00	\$0.10 ^b	\$0.00	\$0.00	8.0	\$23.91	\$34.41 ^c	\$34.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to hours until \$487.07 is paid for the month.

^b \$0.20 after 1 year of service,

\$0.50 after 2 years of service,

Add \$0.10 for every additional year of service to a maximum of \$1.50 per hour for over 13 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-9-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within San Benito and Santa Cruz Counties

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^a (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$16.25	\$9.64	\$5.20	\$0.56 ^b	\$0.70	\$0.48	8.0	\$32.83	\$40.955	\$40.955

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a Overtime rate applies to all work exceeding eight (8) hours daily and forty (40) hours weekly.

^b \$0.875 after 1 year of service

\$1.19 after 7 years of service

\$1.50 after 19 years of service

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-DT-830-261-10-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Imperial, Inyo, Los Angeles, Mono, Orange, Riverside, San Bernardino and San Diego Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare ^a	Pension	Vacation and Holiday ^b	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Dump Truck	\$17.00	\$2.05	\$0.085	\$0.33	\$0.00	\$0.00	8.0	\$19.465	\$27.965	\$27.965

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination

^a The contribution applies to all work up to \$355.00 per month.

^b \$0.65 after 2 years of service

\$0.98 after 5 years of service

\$1.31 after 9 years of service

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:
C-MR-2023-2

Issue Date:
August 22, 2023

Expiration date of determination:

July 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Alameda, Contra Costa, Mendocino, and Solano Counties. (REF: 232-81-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$48.22	\$11.80	\$9.70	\$4.25	\$0.75	\$0.70	8.0 ^a	\$75.42	\$99.53 ^b	\$99.53 ^b	\$123.64

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a In the event that conditions over which the Individual Employer has no control (i.e., adverse weather, project delays, logistical problems, general contractor or owner requirements, etc.) on one or more days during the regular work week prevent employees from working, then work is to be performed on Saturday, when available, at straight time rates.

^b Rate applies to the first 4 daily overtime hours and first 12 hours worked on Saturday; all other time is paid at the Sunday/Holiday overtime hourly rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer

Determination:
C-MR-2023-1A

Issue Date:
February 22, 2023

Expiration date of determination:

March 31, 2023* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:
All localities within Amador and El Dorado Counties. (REF: 830-232-15)

Wages and Employer Payments^a:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Amador County: Metal Roofing Systems Installer	\$20.41	\$5.79	\$2.80	\$3.74	\$0.20	\$0.05	8.0	\$32.99	\$43.19	\$43.19 ^b	\$53.40
El Dorado County: Metal Roofing Systems Installer	\$18.81	\$5.35	\$2.80	\$3.48	\$0.20	\$0.00	8.0	\$30.64	\$40.045	\$40.045 ^b	\$49.45

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm)

[Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The credit for employer payments do not have to be computed on an annualized basis where the employer seeks credit for employer payments that are higher for public works projects than private construction performed by the same employer. The director determined that annualization would not serve the purpose of this chapter pursuant to California Labor Code Section 1773.1(d)(4).

^b Saturdays in the same workweek may be worked at straight-time if job is shut down for 2 or more days during the normal workweek due to wind, rain, snow or ice, fog, frost, dew or extreme heat.

NOT FOR BIDD

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2024-1B

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024^{*} Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Butte, Lassen, Marin, Placer, Sacramento, San Joaquin, Sonoma, Yolo and Yuba Counties. (REF: 830-232-16)

Wages and Employer Payments:

Classification	Basic Hourly Rate ^a	Health and Welfare ^a	Pension ^a	Vacation and Holiday ^a	Training ^a	Other ^a	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Butte, Lassen, Placer, Sacramento, Yolo and Yuba Counties: Metal Roofing Systems Installer	\$46.73	\$11.80	\$9.00	b	\$0.56	\$0.00	8.0	\$68.09	\$91.455 ^c	\$91.455 ^c	\$91.455 ^c
San Joaquin County: Metal Roofing Systems Installer	\$46.73	\$11.80	\$9.00	b	\$0.56	\$0.00	8.0	\$68.09	\$91.455 ^c	\$91.455 ^c	\$91.455 ^c
Marin and Sonoma Counties: Metal Roofing Systems Installer	\$52.47	\$11.80	\$9.70	b	\$0.81	\$0.00	8.0	\$74.78	\$101.015 ^c	\$101.015 ^c	\$101.015 ^c

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of

Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

* There is no predetermined increase applicable to this determination.

^a Basic Hourly Rate and Employer Payments are based on the Davis-Bacon Wage Determination.

^b Included in straight-time hourly rate.

^c Rate applies to all hours work in excess of 8 hours per day and 40 hours during any one week.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:
C-MR-2021-1C

Issue Date:
February 22, 2021

Expiration date of determination:

March 31, 2021^{*} Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:
All localities within Calaveras County. (REF: 830-166-4)

Wages and Employer Payments^a:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$47.59 ^b	\$0.00	\$0.00	\$0.00	\$0.45	\$0.00	8.0	\$48.04	\$71.835 ^c	\$71.835 ^c	\$71.835 ^c

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

* There is no predetermined increase applicable to this determination.

^a The credit for employer payments do not have to be computed on an annualized basis where the employer seeks credit for employer payments that are higher for public works projects than private construction performed by the same employer. The director determined that annualization would not serve the purpose of this chapter pursuant to California Labor Code Section 1773.1(d)(4).

^b Includes an amount for Health and Welfare, Pension, Vacation/Holiday, Dues Check Off, and Other Payments.

^c Rate applies to all hours work in excess of 8 hours per day and 40 hours during any one week.

NOT FOR BIDD

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2020-1D

Issue Date:

February 22, 2020

Expiration date of determination:

March 31, 2020^{*} Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Fresno County. (REF: 830-232-18)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$23.05	\$3.60	\$3.60	^a	\$0.10	\$0.00	8.0	\$30.35	\$41.875	\$41.875	\$53.40

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

* There is no predetermined increase applicable to this determination.

^a Included in straight-time hourly rate.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer

Determination:
C-MR-2020-1E

Issue Date:
August 22, 2020

Expiration date of determination:

September 30, 2020^{*} Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Humboldt, Madera, Napa, and Shasta Counties. (REF: 830-232-17)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Humboldt County: Metal Roofing Systems Installer	\$16.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.00	8.0	\$18.00	\$26.00 ^a	\$26.00 ^a	\$26.00 ^a
Madera County: Metal Roofing Systems Installer	\$26.75	\$2.00	\$2.00	\$0.00	\$0.15	\$0.00	8.0	\$30.90	\$44.275 ^a	\$44.275 ^a	\$44.275 ^a
Napa County: Metal Roofing Systems Installer	\$18.00	\$0.00	\$0.00	\$0.35	\$0.00	\$0.00	8.0	\$18.35	\$27.35 ^a	\$27.35 ^a	\$27.35 ^a
Shasta County: Metal Roofing Systems Installer	\$19.83	\$0.00	\$0.00	\$0.00	\$0.20	\$0.00	8.0	\$20.03	\$29.945 ^a	\$29.945 ^a	\$29.945 ^a

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a Rate applies to all hours work in excess of 8 hours per day and 40 hours during any one week.

NOT FOR BIDDING

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2024-1F

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Los Angeles, Orange, Riverside and San Bernardino Counties. (REF: 166-102-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate ^a	Health and Welfare	Pension ^b	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^c (1 ½ X)	Saturday Overtime Hourly Rate ^c (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$56.95	\$11.37	\$17.87	\$0.00	\$0.82	\$0.68	8.0	\$87.69	\$116.17	\$116.17	\$144.64

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes amount withheld for Working Dues.

^b Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^c Rate applies for the first 4 overtime hours Monday through Friday and the first 12 hours worked on Saturday. All other time is paid at the Sunday/Holiday overtime rate. Saturdays in the same workweek may be worked at straight-time if job is shut down during the normal workweek due to inclement weather.

NOT FOR BIDD

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:
C-MR-2023-1G

Issue Date:
August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Monterey County^a. (REF: 166-104-10)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$59.56 ^b	\$16.39 ^c	\$19.97 ^d	^e	\$1.55	\$0.62	8.0	\$98.09	\$129.44 ^f	\$129.44 ^f	\$160.78

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Rate applies to jobsites under 20 miles from Market and Main Streets in Salinas, CA. For rates outside that zone refer to the Travel and Subsistence provisions applicable to this determination.

^b Includes amount for Vacation/Holiday and Dues Check Off.

^c Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^d Includes an amount for PSP (\$3.13) that is factored at the applicable overtime multiplier. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^e Included in Straight-Time hourly rate.

^f Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday only; All other time is paid at the Sunday and Holiday overtime hourly rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2023-11

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within San Diego County. (REF: 166-206-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate ^a	Health and Welfare ^b	Pension ^c	Vacation and Holiday	Training ^d	Other ^e	Hours ^f	Total Hourly Rate	Daily Overtime Hourly Rate ^g (1 ½ X)	Saturday Overtime Hourly Rate ^g (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$48.20	\$11.45	\$18.17	\$0.00	\$1.14	\$0.74	8.0	\$79.70	\$103.80	\$103.80	\$127.90
Metal Roofing Systems Installer (Second Shift)	\$51.82	\$11.45	\$18.17	\$0.00	\$1.14	\$0.74	8.0	\$83.32	\$109.23	\$109.23	\$135.14
Metal Roofing Systems Installer (Third Shift)	\$55.43	\$11.45	\$18.17	\$0.00	\$1.14	\$0.74	8.0	\$86.93	\$114.65	\$114.65	\$142.36

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes amount withheld for Working Dues.

^b Includes an amount for the Sheet Metal Occupational Health Institute Trust.

^c Includes amount for 401(a) Plan. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable Basic Hourly Wage Rate, but the Total Hourly Rates for straight time and overtime may not be less than the General Prevailing Rate of per diem wages.

^d Includes an amount for International Training Institute.

^e Includes amounts for National Energy Management Institute (NEMI) Fund, Sheet Metal Workers' International Scholarship Fund (SMWSF) and Industry Fund.

^f Saturdays in the same work week may be worked at straight-time if job is shut down during the normal workweek due to inclement weather.

^g Rate applies to the first 2 Daily overtime hours and the first 10 hours on Saturday; all other time is paid at the Sunday and Holiday overtime rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2023-1J

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within San Francisco, San Mateo and Santa Clara Counties. (REF: 166-104-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$72.37 ^a	\$15.77 ^b	\$33.54 ^c	^d	\$1.65	\$0.71	8.0 ^e	\$124.04	\$164.19 ^f	\$164.19 ^f	\$204.33

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer (Special Single Shift)[#]

Determination:

C-MR-2023-1JA

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within San Francisco, San Mateo and Santa Clara Counties. (REF: 166-104-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$81.05 ^a	\$15.77 ^b	\$33.54 ^c	^d	\$1.65	\$0.71	8.0 ^e	\$132.72	\$177.21 ^f	\$177.21 ^f	\$221.69

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

NOT FOR BIDDING

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer (Second Shift)#

Determination:

C-MR-2023-1JA

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within San Francisco, San Mateo and Santa Clara Counties. (REF: 166-104-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$79.61 ^a	\$15.77 ^b	\$33.54 ^c	^d	\$1.65	\$0.71	7.5 ^e	\$131.28	\$175.05 ^f	\$175.05 ^f	\$218.81

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

NOT FOR BIDDING

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer (Third Shift)*

Determination:

C-MR-2023-1JA

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within San Francisco, San Mateo and Santa Clara Counties. (REF: 166-104-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$83.23 ^a	\$15.77 ^b	\$33.54 ^c	^d	\$1.65	\$0.71	7.0	\$134.90	\$180.48 ^f	\$180.48 ^f	\$226.05

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes amount for Vacation/Holiday and Dues Check Off.

^b Includes SMOHIT and SHC. Effective 1/1/2013, pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary, resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^c Includes an amount for Pension which is factored at the applicable overtime multiplier. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary, resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

^d Included in Straight-Time Hourly Rate.

^e For San Francisco County, the Straight-Time Hours is 7 hours.

^f For San Francisco County: Rate applies to the first 2 daily overtime hours and the first 7 hours on Saturday only. All other time is paid at the Sunday and Holiday overtime hourly rate.

For San Mateo and Santa Clara Counties: Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday only. All other time is paid at the Sunday and Holiday overtime hourly rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:
C-MR-2024-1K

Issue Date:
February 22, 2024

Expiration date of determination:

December 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Santa Barbara County. (REF: 20-X-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$47.45	\$12.20	\$9.32	\$6.10 ^a	\$0.72	\$7.065	8.0	\$82.855	\$106.580 ^b	\$106.580 ^b	\$130.305

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^aIncludes supplemental dues.

^bRate applies to the first 2 daily overtime hours and the first 8 hours on Saturday. All other time is at the Sunday/Holiday rate.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2023-2L

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Siskiyou County. (REF: 23-31-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health & Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1½ X)	Daily Overtime Hourly Rate (2X)	Saturday ^a Overtime Hourly Rate (1½ X)	Saturday ^a Overtime Hourly Rate (2X)	Sunday/ Holiday Overtime Hourly Rate (2X)
Metal Roofing Systems Installer	\$53.16	\$12.49 ^b	11.25	\$5.58 ^b	\$1.19	\$3.30 ^c	8.0	\$86.97	\$113.55 ^d	\$140.13	\$113.55 ^e	\$140.13	\$140.13 ^f

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing](#)

[Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Saturdays in the same work week may be worked at straight-time if job is shut down during the normal work week due to inclement weather or major mechanical breakdown.

^b Includes an amount per hour worked for Work Fees. The vacation amount is \$2.95 per hour worked.

^c Includes amounts for Annuity Trust Fund, Industry Promotion, Carpenters International Training Fund, Carpenter Employers Contract Administration, Contract Work Preservation, and Vacation/Holiday/Sick Leave Admin.

^d For building construction, rate applies to the first 4 hours daily overtime. All heavy, highway and engineering construction overtime worked, Monday through Friday, rate applies to the first 4 hours daily overtime.

^e Rate applies to the first 8 hours for building construction and for the first 10 hours worked on heavy, highway and engineering construction.

^f Time and one-half shall be paid for the first eight (8) hours worked on the four (4) days of each year selected by the Union as designated off/holidays listed in the Holiday Provision.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2021-1M

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Stanislaus County. (REF: 830-166-5)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare ^a	Pension ^a	Vacation and Holiday ^a	Training ^a	Other ^a	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$32.84 ^b	\$7.43	\$7.22	^c	\$0.45	\$0.10	8.0	\$48.04	\$64.46 ^d	\$64.46 ^d	\$80.88

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

* There is no predetermined increase applicable to this determination.

^a Employer Payments: The credit for employer payments do not have to be computed on an annualized basis where the employer seeks credit for employer payments that are higher for public works projects than private construction performed by the same employer. The director determined that annualization would not serve the purpose of this chapter pursuant to California Labor Code Section 1773.1(d)(4).

^b Includes amount for Vacation/ Holiday and Dues Check Off.

^c Included in straight-time hourly rate.

^d Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday only; All other time is paid at the Sunday and Holiday overtime hourly rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2024-1N

Issue Date:

February 22, 2024

Expiration date of determination:

August 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Tulare County. (REF: 232-27-1)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other ^a	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday ^b Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$40.11	\$6.88	\$8.20	\$2.40 ^c	\$0.94	\$0.09	8.0	\$58.62	\$79.88	\$79.88	\$101.13

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Amount is for the Roofers and Waterproofers Research and Education Joint Trust Fund.

^b When adverse weather or job scheduling problems exist, causing an employee to work less than forty (40) hours in a week, Saturday may be used as a make-up day at straight time wage rates.

^c Includes amount for Vacation/Holiday (\$1.00) and Dues Check Off (\$1.40) which are both factored into overtime.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Metal Roofing Systems Installer[#]

Determination:

C-MR-2023-10

Issue Date:

February 22, 2023

Expiration date of determination:

March 31, 2023* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Ventura County. (REF: 830-166-6)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Metal Roofing Systems Installer	\$30.29 ^a	\$6.60	\$5.75 ^b	^c	\$0.80	\$0.54	8.0	\$43.98	\$59.13 ^d	\$59.13 ^d	\$74.27 ^e

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

* There is no predetermined increase applicable to this determination.

^a Includes amount withheld for Dues Check Off.

^b Includes an amount per hour for COLA Fund.

^c Included in straight-time hourly rate.

^d Rate applies to the first 4 overtime hours Monday through Friday and the first 8 hours on Saturday & Sunday. All other overtime is paid at the Double time and Holiday rate.

^e Rate applies after 4 overtime hours Monday through Friday, after 8 hours Saturday and Sunday and all hours worked on Holidays.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-36-95-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Imperial and San Diego Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Driver: Mixer Truck	\$28.10	\$8.37 ^a	\$5.06	\$1.48 ^b	\$0.00	\$0.00	8.0	\$43.01	\$57.06 ^c	\$71.11

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$1,450.00 is paid for the month.

^b \$2.02 after one year of service.

\$2.56 after 7 years of service.

\$3.10 after 14 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly. All work in excess of 12 hours daily shall be paid the Sunday/Holiday (2X) rate.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-87-119-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Kern, Kings and Tulare Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday /Holiday Overtime Hourly Rate (1 ½ X)	Sunday/ Overtime Hourly Rate (2 X)
Driver: Mixer Truck	\$20.11	\$4.89 ^a	\$3.05	\$0.70 ^b	\$0.00	\$0.00	8.0	\$28.75	\$38.11 ^c	\$38.11	\$48.16

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$847.50 is paid for the month.

^b Applies to workers who have been on payroll for thirty (30) days. After 1 year of employment, Vacation and Holiday increases to \$1.08. After 2 years of employment, Vacation and Holiday increases to \$1.47. After 8 years of employment, Vacation and Holiday increases to \$1.86.

^c Overtime is paid at two times (2x) the basic hourly rate for work performed in excess of twelve (12) hours in any work day.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-150-53-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Butte, Colusa, El Dorado, Placer, Sacramento, Sutter, Yolo and Yuba Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Driver: Mixer Truck	\$27.00	\$13.52 ^a	\$10.12	\$3.37	\$0.00	\$0.00	8.0	\$54.01	\$67.51	\$67.51	\$81.01

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Contribution shall be paid for all hours worked up to 173 hours per month.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-MT-261-186-15-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Santa Barbara County.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Sunday/ Holiday Overtime Hourly Rate (2 X)
Mixer Driver	\$21.15 ^c	\$4.91 ^d	\$3.44	\$0.41 ^e	\$0.00	\$0.00	8.0	\$29.91	\$40.485	\$51.06

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Includes, after one month, \$0.65 for Holidays, which can be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

^b Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly. All work in excess of twelve (12) hours daily shall be paid the Sunday/Holiday (2X) rate.

^c Includes an amount (\$0.03) for supplemental dues check off.

^d The contribution applies to all hours until \$850.00 is paid for the month.

^e \$1.06 after 1 month of service.

\$1.46 after 1 year of service.

\$1.87 after 7 years of service.

\$2.28 after 16 years of service.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-624-17-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Del Norte, Humboldt and Mendocino Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$22.50	\$4.81 ^a	\$5.60	\$2.00	\$0.00	\$0.00	8.0	\$34.91	\$46.16 ^b	\$46.16

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$833.00 is paid for the month.

^b Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-624-18-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Lake County.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily/ Holiday Overtime Hourly Rate (1 ½ X)	Sunday Overtime Hourly Rate (2 X)
Driver: Mixer Truck	\$20.60	\$4.81 ^a	\$6.00	\$2.00	\$0.00	\$0.00	8.0	\$33.41	\$43.71 ^b	\$54.01

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$833.00 is paid for the month.

^b Rate applies to work in excess of eight (8) hours daily, forty (40) hours weekly and all hours worked on holidays.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-X-258-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Los Angeles, Orange, and Ventura Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday /Holiday Overtime Hourly Rate (1 ½ X)	Sunday Overtime Hourly Rate (2 X) ^a
Driver: Mixer Truck (After 4 years of service)	\$31.05	\$8.26 ^b	\$3.70	\$2.15 ^{cd}	\$0.00	\$0.00	8.0	\$45.16	\$60.685	\$60.685	\$76.21
Driver: Mixer Truck (After 3 years of service)	\$30.05	\$8.26 ^b	\$3.70	\$2.08 ^e	\$0.00	\$0.00	8.0	\$44.09	\$59.115	\$59.115	\$74.14
Driver: Mixer Truck (After 2 years of service)	\$29.05	\$8.26 ^b	\$3.70	\$2.01 ^f	\$0.00	\$0.00	8.0	\$43.02	\$57.545	\$57.545	\$72.07
Driver: Mixer Truck (After 1 year of service)	\$28.05	\$8.26 ^b	\$3.70	\$1.40 ^g	\$0.00	\$0.00	8.0	\$41.41	\$55.435	\$55.435	\$69.46
Driver: Mixer Truck (Less than 1 year of service)	\$27.05	\$8.26 ^b	\$3.70	\$0.00 ^h	\$0.00	\$0.00	8.0	\$39.01	\$52.535	\$52.535	\$66.06

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Emergency work and breakdown on Sundays shall be paid at time and one-half (1½x) the straight time rate.

^b The contribution applies to all hours until \$1684.50 is paid for the month.

^c \$2.75 after 8 years of service. \$3.34 after 15 years of service.

^d Includes \$0.96 for Holidays, which would be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

^e Includes \$0.92 for Holidays, which would be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

^f Includes \$0.89 for Holidays, which would be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

^g Includes \$0.86 for Holidays, which would be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

^h In addition, \$0.83 for Holidays after four (4) months, which would be deducted from the Vacation/Holiday rate if you choose to adopt the paid days off enumerated in the Holiday Provisions.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Driver (On/Off-Hauling To/From Construction Site)

Determination:

C-MT-261-X-260-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Alameda, Contra Costa, San Francisco, and Santa Clara Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate ^a	Health and Welfare ^b	Pension	Vacation and Holiday	Training	Other ^c	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Conventional Trucks (3 axles or less, 8 yards or less) ^d	\$46.72	\$13.23	\$13.69	\$3.05 ^e	\$0.00	\$1.75	8.0	\$78.44	\$101.80	\$101.80	\$125.16
Booster Trucks (4 axles or more, 10 yards or less) ^f	\$46.98	\$13.23	\$13.69	\$3.07 ^g	\$0.00	\$1.76	8.0	\$78.73	\$102.22	\$102.22	\$125.71
Slider (12 yards)	\$47.48	\$13.23	\$13.69	\$3.10 ^h	\$0.00	\$1.78	8.0	\$79.28	\$103.02	\$103.02	\$126.76

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the

[Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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- ^a An amount up to \$38.40 per 8 hour day (\$4.80 per hour) for a maximum of 5 days per week may be deducted for Health and Welfare. The deduction is limited to the first 173.33 hours worked per month. This is in addition to the \$13.23 per hour employer payment for Health and Welfare.
 - ^b The contribution applies to all hours until \$2,179.00 is paid for the month.
 - ^c Includes amounts for sick leave.
 - ^d Add \$0.07 per hour to the basic hourly rate for each yard or portion of yard hauled over 8 yards.
 - ^e \$3.41 after 2 years of service, \$3.77 after 3 years of service, \$4.67 after 5 years of service, \$5.57 after 10 years of service, \$6.47 after 20 years of service..
 - ^f Add \$0.09 per hour to the basic hourly rate for each yard or portion of yard hauled over 10 yards.
 - ^g \$3.43 after 2 years of service, \$3.79 after 3 years of service, \$4.70 after 5 years of service, \$5.60 after 10 years of service, \$6.50 after 20 years of service.
 - ^h \$3.47 after 2 years of service, \$3.83 after 3 years of service, \$4.75 after 5 years of service, \$5.66 after 10 years of service, \$6.57 after 20 years of service.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-X-261-2023-1

Issue Date:

February 22, 2023

Expiration date of determination:

July 31, 2023* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within San Mateo County.

Wages and Employer Payments:

Classification	Basic Hourly Rate ^a	Health and Welfare ^b	Pension ^c	Vacation and Holiday	Training	Other ^d	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Daily Saturday Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Ready-mix Driver	\$43.58	\$12.81	\$13.61	\$2.85 ^e	\$0.00	\$1.67	8.0	\$74.52	\$96.31	\$96.31	\$118.10

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a An amount up to \$22.40 per 8 hour day (\$2.80 per hour) for a maximum of 5 days per week may be deducted for Health and Welfare. This is in addition to the \$12.81 per hour employer payment for Health and Welfare.

^b The contribution applies to all hours until \$2,211.13 is paid for the month.

^c This includes an amount equal to \$0.65 for PEER84 fund to be included for the first 2,280 hours in a calendar year.

^d Includes amounts for sick leave.

^e \$3.18 after 2 years of service, \$3.52 after 3 years of service, \$4.36 after 5 years of service, \$5.20 after 10 years of service, \$6.03 after 20 years of service.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-261-X-265-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Marin, Napa, Solano and Sonoma Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Ready Mixer Driver	\$25.90	\$14.28	\$6.20	\$2.85	\$0.00	\$0.00	8.0	\$49.23	\$62.18	\$62.18	\$75.13

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-1-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Nevada and Sierra Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$19.25	\$2.96 ^a	\$0.00	\$0.22 ^b	\$0.00	\$0.00	8.0	\$22.43	\$32.06 ^c	\$32.06

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$513.04 is paid for the month.

^b \$0.59 after 2 years of service.

\$0.96 after 5 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-2-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$16.00	\$3.46 ^a	\$0.00	\$0.68 ^b	\$0.00	\$0.00	8.0	\$20.14	\$28.14 ^c	\$28.14

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$600 is paid for the month.

^b \$0.97 after 2 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-3-2021-3

Issue Date:

August 22, 2021

Expiration date of determination:

October 1, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Monterey, San Benito, and Santa Cruz Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$21.50	\$9.64	\$1.72 ^a	\$0.99 ^b	\$0.00	\$0.00	8.0	\$33.85	\$45.46 ^c	\$45.46

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a This amount is factored at the applicable overtime rate.

^b \$1.41 after 2 years of service.

\$1.82 after 10 years of service.

\$2.23 after 20 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-4-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Fresno, Madera, Mariposa, Merced and Stanislaus Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$18.50	\$5.44 ^a	\$0.00	\$0.71 ^b	\$0.00	\$0.00	8.0	\$24.65	\$33.90 ^c	\$33.90

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$943.38 is paid for the month.

^b \$1.42 after 1 year of service for the employer. \$1.78 after 5 years of service for the employer. \$2.13 after 15 years of service for the employer.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-5-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Alpine, Amador, Calaveras, San Joaquin and Tuolumne Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$20.10	\$3.09 ^a	\$0.00	\$1.005 ^b	\$0.00	\$0.00	8.0	\$24.195	\$34.245 ^c	\$34.245

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$535.26 is paid for the month.

^b \$1.39 after 3 years of service. \$1.78 after 10 years of service. \$2.16 after 20 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-6-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within San Luis Obispo County.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$19.14	\$3.04 ^a	\$3.42	\$1.03 ^b	\$0.64	\$0.00	8.0	\$27.27	\$36.84 ^c	\$36.84

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$526.19 is paid for the month.

^b \$1.40 after 2 years of service. \$1.70 after 10 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-11-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Riverside County

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$16.00	\$6.33 ^a	\$1.80	\$1.04 ^b	\$0.00	\$0.00	8.0	\$25.17	\$33.17 ^b	\$33.17

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

a The contribution applies to all hours until \$1097.30 is paid for the month.

b \$1.33 after 4 years of service. \$1.61 after 14 years of service. \$1.90 after 24 years of service.

c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination:

C-MT-830-261-12-2021-1

Issue Date:

February 22, 2021

Expiration date of determination:

March 31, 2021* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Inyo, Mono and San Bernardino Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Driver: Mixer Truck	\$19.05	\$6.66 ^a	\$1.71	\$1.17 ^b	\$0.00	\$0.00	8.0	\$28.59	\$38.115 ^c	\$38.115

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

* There is no predetermined increase applicable to this determination.

^a The contribution applies to all hours until \$1155.24 is paid for the month.

^b \$1.54 after 7 years of service. \$1.91 after 14 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Tree Trimmer (High Voltage Line Clearance)

Determination:

C-TT-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

May 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, and Yuba Counties. (REF: 61-1245-12, 61-465-5, 61-465-5A, 61-47-3)

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare ^a	Pension ^b	Vacation	Holiday	Training	Other ^c	Hours	Total Hourly Rate	Daily/Saturday/Sunday Overtime Hourly Rate (2X)
Tree Trimmer	\$41.02	\$8.35	\$11.21	\$0.82	\$0.00	\$0.62	\$0.04	8.0	\$62.06	\$104.31
Trimmer Trainee: Start (0-6 Months)	\$28.72	\$8.35	\$7.40	\$0.57	\$0.00	\$0.43	\$0.03	8.0	\$45.50	\$75.08
Trimmer Trainee: 6-12 Months	\$32.82	\$8.35	\$8.67	\$0.66	\$0.00	\$0.49	\$0.03	8.0	\$51.02	\$84.82
Trimmer Trainee: After 12 Months	\$36.92	\$8.35	\$9.95	\$0.74	\$0.00	\$0.55	\$0.04	8.0	\$56.55	\$94.58
Ground person First 6 Months	\$24.61	\$8.35	\$1.53	\$0.49	\$0.00	\$0.37	\$0.02	8.0	\$35.37	\$60.72
Ground person After 6 Months	\$26.67	\$8.35	\$2.26	\$0.53	\$0.00	\$0.40	\$0.03	8.0	\$38.24	\$65.71

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Includes an amount for Health Reimbursements Accounts.

^b Includes an amount equal to 3% of the Basic Hourly Rate for the National Electrical Benefit Fund which is factored at the applicable overtime multiplier. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary, resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages. Includes amount for National Electrical Annuity Plan.

^c Includes an amount for Administrative Maintenance Fund.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Tree Trimmer (High Voltage Line Clearance)

Determination:

C-TT-061-659-12-2023-1

Issue Date:

February 22, 2023

Expiration date of determination:

December 31, 2023* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Del Norte, Modoc, and Siskiyou Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation	Holiday	Training ^b	Hours	Total Hourly Rate	Daily/Saturday/Sunday Overtime Hourly Rate (2X)
Tree Trimmer	\$38.34	\$7.00	\$7.15	\$0.58	\$0.00	\$0.58	8.0	\$53.65	\$93.71
Ground person First Year	\$21.49	\$7.00	\$4.14	\$0.00	\$0.00	\$0.32	8.0	\$32.95	\$55.41
Ground person After Second Year	\$24.97	\$7.00	\$4.32	\$0.00	\$0.00	\$0.37	8.0	\$36.66	\$62.76

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm)

[Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Includes an amount equal to 3% of the Basic Hourly Rate for the National Employees Benefit Board which is factored at the applicable overtime multiplier. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages. Includes amount for National Electrical Annuity Plan.

^b This amount is factored at overtime rates.

NOT FOR BIDD

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Asbestos Worker, Heat and Frost Insulator #

Determination:
SC-3-5-1-2023-1

Issue Date:
August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Daily Overtime Hourly Rate (2 X)	Saturday Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate
Mechanic	\$52.83 ^a	\$11.78 ^b	\$8.12 ^c	\$3.98	\$1.89	\$0.00	8.0	\$78.60	\$105.015 ^d	\$131.43 ^e	\$105.015 ^f	\$131.43 ^e	\$131.43 ^g

Determination:

SC-3-5-3-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate
Hazardous Material Handler Mechanic	\$30.00 ^h	\$6.88 ⁱ	\$6.17	\$0.00	\$0.82	\$0.00	8.0	\$43.87	\$58.87	\$58.87	\$58.87 ^j

Note:

Asbestos removal workers must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations, Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors' Registration Unit, DOSH at (916) 574-2993.

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes 5.5% of employee's gross wage for dues/service fee check-off plus \$0.25 for supplemental dues.

^b Includes \$0.01 for Occupational Health Plan.

^c Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for the employer payment may vary resulting in a lower taxable Basic Hourly Rate, but the Total Hourly Rates for Straight Time and Overtime may not be less than the general prevailing rate of per diem wages.

^d Rate applies to the first 2 overtime hours. Applies to all daily overtime hours on maintenance and asbestos abatement projects.

^e Rate applies to all other Daily and Saturday overtime hours.

^f Rate applies to first 8 hours worked on new construction. Applies to all Saturday hours on maintenance and asbestos abatement projects.

^g \$184.26 per hour for work on Labor Day. For maintenance and asbestos abatement projects, Sundays and observed holidays may be worked at the time and one half rate.

^h Includes 5.5% of employee's gross wage for dues/service fee check-off plus \$0.06 for supplemental dues.

ⁱ Includes \$0.40 for medical monitoring in compliance with industry regulations procedures and \$0.01 for Occupational Health Plan.

^j \$103.87 per hour for work on Labor Day.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Fire Safety and Miscellaneous Sealing

Determination:
SC-3-5-4-2021-1

Issue Date:
August 22, 2021

Expiration date of determination:
August 31, 2022* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:
All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate ^d	Health and Welfare ^e	Pension	Vacation and Holiday	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) ^a	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) ^b
Asbestos Worker, Fire Safety Technician – Class I (0-2000 hrs) ^c	\$19.60	\$10.01	\$0.00	\$0.90	\$0.05	8.0	\$30.56	\$40.36	\$50.16	\$69.76
Asbestos Worker, Fire Safety Technician – Class II (2001-4000 hrs) ^c	\$25.18	\$10.01	\$0.00	\$1.26	\$0.05	8.0	\$36.50	\$49.09	\$61.68	\$86.86
Asbestos Worker, Fire Safety Technician – Class III (4001-6000 hrs) ^c	\$27.73	\$10.01	\$8.12	\$1.33	\$0.05	8.0	\$47.24	\$61.105	\$74.97	\$102.70
Asbestos Worker, Fire Safety Technician – Class IV (6001 or more hrs) ^c	\$32.09	\$10.01	\$8.12	\$1.53	\$0.05	8.0	\$51.80	\$67.845	\$83.89	\$115.98

Wages and Employer Payments (Shift):

Classification (Journey person) (Shift)	Basic Hourly Rate ^d	Health and Welfare ^e	Pension	Vacation and Holiday	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) ^f	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) ^b
Asbestos Worker, Fire Safety Technician – Class I (0-2000 hrs) ^c	\$19.60	\$10.01	\$0.00	\$0.90	\$0.05	^g	\$30.56	\$40.36	\$50.16	\$69.76
Asbestos Worker, Fire Safety Technician – Class II (2001-4000 hrs) ^c	\$25.18	\$10.01	\$0.00	\$1.26	\$0.05	^g	\$36.50	\$49.09	\$61.68	\$86.86
Asbestos Worker, Fire Safety Technician – Class III (4001-6000 hrs) ^c	\$27.73	\$10.01	\$8.12	\$1.33	\$0.05	^g	\$47.24	\$61.105	\$74.97	\$102.70
Asbestos Worker, Fire Safety Technician – Class IV (6001 or more hrs) ^c	\$32.09	\$10.01	\$8.12	\$1.53	\$0.05	^g	\$51.80	\$67.845	\$83.89	\$115.98

Determination:

SC-204-X-18-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

August 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate ^d	Health and Welfare	Pension	Vacation and Holiday ^h	Training	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) ⁱ	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) ^b
Plumber, Fire Safety Technician – Class I (0-2000 hrs) ^c	\$23.47	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$33.87	\$45.605	\$57.34	\$80.81
Plumber, Fire Safety Technician – Class II (2001-4000 hrs) ^c	\$30.05	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$40.45	\$55.475	\$69.815	\$98.495
Plumber, Fire Safety Technician – Class III (4001-6000 hrs) ^c	\$33.57	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$51.74	\$68.525	\$84.375	\$116.075
Plumber, Fire Safety Technician – Class IV (6001 or more hrs) ^c	\$38.60	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$56.77	\$76.07	\$93.935	\$129.665

Wages and Employer Payments (Shift):

Classification (Journeyman) (Shift)	Basic Hourly Rate ^d	Health and Welfare	Pension	Vacation and Holiday ^h	Training	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) ⁱ	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) ^b
Plumber, Fire Safety Technician – Class I (0-2000 hrs) ^c	\$24.64	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$35.04	\$47.36	\$59.68	\$84.32
Plumber, Fire Safety Technician – Class II (2001-4000 hrs) ^c	\$31.48	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$41.88	\$57.62	\$72.675	\$102.785
Plumber, Fire Safety Technician – Class III (4001-6000 hrs) ^c	\$35.16	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$53.33	\$70.91	\$87.555	\$120.845
Plumber, Fire Safety Technician – Class IV (6001 or more hrs) ^c	\$40.39	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$58.56	\$78.755	\$97.515	\$135.035

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Rate applies to the first 2 daily overtime hours and the first 8 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.

^b No work shall be performed on Labor Day, except in special cases of extreme emergency and then only when triple (3) times is paid.

^c The 1st man on a job site shall be a Class IV Fire Safety Technician. A Class IV must be on a job site at all times.

^d Includes an amount per hour worked for Administrative Dues.

^e Includes an amount for Occupational Health and Research.

^f Rate applies to the first 2.5 daily overtime hours on the 2nd shift; first 3 daily overtime hours on the 3rd shift; and the first 7.5 hours (2nd shift) and first 7 hours (3rd shift) worked on Saturday. All other overtime is at the Sunday & Holiday rate.

^g When 2 or 3 shifts are employed, the 2nd shift shall work 7.5 hours for 8 hours pay; the 3rd shift shall work 7 hours for 8 hours pay.

^h Vacation/Holiday is included in the Basic Hourly Rate (no Vacation/Holiday amount for Class I Technician only) and shall be paid at time and one half for all overtime hours.

ⁱ Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.

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GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Carpenter and Related Trades[#]

Determination:

SC-23-31-2-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^d	Sunday/ Holiday Overtime Hourly Rate (2 X)
Carpenter ^{e f} , Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	\$48.86	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.57	\$99.00	\$99.00	\$123.43
Pile Driveman ^g , Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.49	8.0	\$74.75	\$99.245	\$99.245	\$123.74
Bridge Carpenter ^e	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69
Shingler ^e	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69
Saw Filer	\$48.95	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.66	\$99.135	\$99.135	\$123.61
Table Power Saw Operator	\$48.96	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.67	\$99.15	\$99.15	\$123.63
Pneumatic Nailer or Power Stapler	\$49.11	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.82	\$99.375	\$99.375	\$123.93

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^d	Sunday/ Holiday Overtime Hourly Rate (2 X)
Roof Loader of Shingles	\$34.20	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$59.91	\$77.01	\$77.01	\$94.11
Scaffold Builder	\$40.77	\$8.25	\$5.91	\$7.43	\$0.72	\$2.94	8.0	\$66.02	\$86.405	\$86.405	\$106.79
Millwright ^e	\$49.36	\$8.25	\$5.91	\$7.39	\$0.72	\$3.64	8.0	\$75.27	\$99.95	\$99.95	\$124.63
Head Rockslinger	\$49.09	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.80	\$99.345	\$99.345	\$123.89
Rock Bargeman or Scowman	\$48.89	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.60	\$99.045	\$99.045	\$123.49
Diver, Wet (Up To 50 Ft. Depth) ^h	\$105.98 ⁱ	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$131.69	\$184.68	\$184.68	\$237.67
Diver, (Stand-By) ^h	\$52.99 ⁱ	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$78.70	\$105.195	\$105.195	\$131.69
Diver's Tender ^h	\$51.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$77.70	\$103.695	\$103.695	\$129.69
Assistant Tender (Diver's) ^h	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69

Determination:

SC-31-741-1-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

May 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X) ⁱ	Holiday Overtime Hourly Rate (2 X)
Terrazzo Installer	\$44.34	\$8.25	\$5.91	\$4.69	\$0.62	8.0	\$63.81	\$85.980	85.980	108.150
Terrazzo Finisher	\$37.84	\$8.25	\$5.91	\$4.69	\$0.62	8.0	\$57.31	\$76.23	\$76.23	\$95.15

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for supplemental dues.

^b Includes an amount for Annuity.

^c All overtime worked Mon - Fri shall be paid at 1 1/2 times the straight time rate for the first four (4) hours and double (2x) the straight time for work performed after twelve (12) hours.

^d First eight (8) hours worked paid at 1 1/2 times the straight time rate, all hours after that paid at double (2x) the straight time rate. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer.

^e When performing welding work requiring certification, classification will receive an additional \$1.00 per hour.

^f A Carpenter who performs work of forming in the construction of open cut sewers or storm drains shall receive a premium of thirteen cents (\$0.13) per hour in addition to his Carpenter's scale. This premium shall apply only on an operation in which horizontal lagging is used in conjunction with Steel H-Beams driven or placed in pre-drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms, which work is performed by pile drivers.

^g When performing welding work requiring certification, classification will receive an additional \$1.00 per hour. An additional \$0.50 per hour when handling or working with new pressure-treated creosote piling or timber, or driving of used pressure-treated creosote piling.

^h Shall receive a minimum of 8 hours pay for any day or part thereof.

ⁱ For specific rates over 50 ft depth, contact the Office of the Director – Research Unit. Rates for Technicians, Manifold Operators, Pressurized Submersible Operators, Remote Control Vehicle Operators, and Remote Operated Vehicle Operators, as well as rates for Pressurized Bell Diving and Saturation Diving are available upon request.

^j Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer. Work on Sunday, if it is the 7th consecutive workday, shall be paid at double (2x) the straight-time rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Modular Furniture Installer (Carpenter)#

Determination:

SC-23-31-16-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1 ½ X)	6 th Workday Overtime Hourly Rate ^b (1 ½ X)	7 th Workday/ Holiday Overtime Hourly Rate (2 X)
Modular Installer: Installer	\$22.00	\$6.21	\$2.50	\$3.10	\$0.10	\$0.03	8.0	\$33.94	\$44.94	\$44.94	\$55.94
Modular Installer: Lead Installer	\$24.00	\$6.21	\$2.50	\$3.10	\$0.10	\$0.03	8.0	\$35.94	\$47.94	\$47.94	\$59.94

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for Supplemental Dues.

^b Rate applies to the first 4 daily overtime hours and first 12 hours worked on a sixth (6th) consecutive day. All other daily overtime is paid the 7th Workday/Holiday rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Fence Builder (Carpenter)#

Determination:

SC-23-31-20-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other ^a	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday/ Holiday Overtime Hourly Rate
Fence Builder	\$45.29	\$8.25	\$5.75	\$7.14	\$0.67	\$2.33	8.0	\$69.43	\$92.075	\$92.075	\$114.72

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for Annuity.

^b Rate applies to the first 4 overtime hours. All other time is paid at the Sunday and Holiday overtime hourly rate.

^c Saturdays in the same work week may be worked at straight-time for the first 8 hours if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

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GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT (OPERATING ENGINEER) #

Determination:

SC-23-63-2-2023-2B

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.25	8	\$90.06	\$118.685	\$118.685	\$147.310
Group 2	\$58.03	8	\$90.84	\$119.855	\$119.855	\$148.870
Group 3	\$58.32	8	\$91.13	\$120.290	\$120.290	\$149.450
Group 4	\$58.46	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 5	\$58.68	8	\$91.49	\$120.830	\$120.830	\$150.170
Group 6	\$58.79	8	\$91.60	\$120.995	\$120.995	\$150.390
Group 7	\$58.91	8	\$91.72	\$121.175	\$121.175	\$150.630
Group 8	\$59.08	8	\$91.89	\$121.430	\$121.430	\$150.970
Group 9	\$59.25	8	\$92.06	\$121.685	\$121.685	\$151.310
Group 10	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 11	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 12	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 13	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, SPECIAL SHIFT) #**

Determination:

SC-23-63-2-2023-2B

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$58.25	8	\$91.06	\$120.185	\$120.185	\$149.310
Group 2	\$59.03	8	\$91.84	\$121.355	\$121.355	\$150.870
Group 3	\$59.32	8	\$92.13	\$121.790	\$121.790	\$151.450
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 6	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 7	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 8	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 9	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 10	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 11	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 12	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310
Group 13	\$64.25	8	\$97.06	\$129.185	\$129.185	\$161.310

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, MULTI-SHIFT) #**

Determination:

SC-23-63-2-2023-2B

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024**The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours ^f	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$58.25	8	\$91.06	\$120.185	\$120.185	\$149.310
Group 2	\$59.03	8	\$91.84	\$121.355	\$121.355	\$150.870
Group 3	\$59.32	8	\$92.13	\$121.790	\$121.790	\$151.450
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 6	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 7	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 8	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 9	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 10	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 11	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 12	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310
Group 13	\$64.25	8	\$97.06	\$129.185	\$129.185	\$161.310

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group 1

Engineer Oiler

Group 2

Truck Crane Oiler

Group 3

A-Frame or Winch Truck Operator
Ross Carrier Operator (Jobsite)

Group 4

Bridge-Type Unloader and Turntable Operator
Helicopter Hoist Operator
Ojjo Earth Truss Driver Machine Operator or similar types
Snobble Unit (pin-n-go or similar type)

Group 5

Hydraulic Boom Truck/Knuckleboom
Stinger Crane (Austin-Western or similar type)
Tugger Hoist Operator (1 drum)

Group 6

Bridge Crane Operator
Cretor Crane Operator
Hoist Operator (Chicago Boom and similar type)
Lift Mobile Operator
Lift Slab Machine Operator (Vagtborg and similar types)
Material Hoist and/or Manlift Operator
Polar Gantry Crane Operator
Prentice Self-Loader
Self Climbing Scaffold (or similar type)

Shovel, Dragline, Clamshell Operator (over $\frac{3}{4}$ yd and up to 5 cu yds, M.R.C.)

Silent Piler

Tugger Hoist Operator (2 drum)

Group 7

Pedestal Crane Operator
Shovel, Dragline, Clamshell Operator (over 5 cu yds, M.R.C.)
Tower Crane Repairman
Tugger Hoist Operator (3 drum)

Group 8

Crane Operator (up to and including 25 ton capacity)
Crawler Transporter Operator
Derrick Barge Operator (up to and including 25 ton capacity)
Hoist Operator, Stiff Legs, Guy Derrick or similar type (up to and including 25 ton capacity)
Rotational Telehandler Operator
Self-Propelled Modular Transporter (Schuerle, Goldhofer or similar types)
Shovel, Dragline, Clamshell Operator (over 7 cu yds M.R.C.)

Group 9

Crane Operator (over 25 tons, up to and including 50 ton M.R.C.)
Derrick Barge Operator (over 25 tons, up to and including 50 ton M.R.C.)
Highline Cableway Operator

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 25 tons, up to and including 50 ton M.R.C.)

K-Crane

Polar Crane Operator

Self Erecting Tower Crane Operator Maximum Lifting Capacity ten (10) tons

Group 10

ABI/IFundex Machine

Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Derrick Barge Operator (over 50 tons, up to and including 100 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 50 tons, up to and including 100 ton M.R.C.)

Mobile Tower Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Shovel, Dragline, Clamshell Operator (over 10 cu. yds.)

Group 11

Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Derrick Barge Operator (over 100 tons, up to and including 200 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 100 tons, up to and including 200 ton M.R.C.)

Mobile Tower Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Tower Crane Operator and Tower Gantry

Group 12

Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

Derrick Barge Operator (over 200 tons, up to and including 300 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 200 tons, up to and including 300 ton M.R.C.)

Mobile Tower Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

Group 13

Crane Operator (over 300 tons)

Derrick Barge Operator (over 300 tons)

Helicopter Pilot

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 300 tons)

Hydraulically Controlled Lift Gantry Operator BCR Lift System (over 300 tons)

Mobile Tower Crane Operator (over 300 tons)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive two dollars per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Pages 4 and 5.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^d Includes an amount for Annuity.

^e Includes an amount withheld for supplemental dues.

^f The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: TUNNEL (OPERATING ENGINEER) #

Determination:

SC-23-63-2-2023-2C

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.75	8	\$90.56	\$119.435	\$119.435	\$148.310
Group 2	\$58.53	8	\$91.34	\$120.605	\$120.605	\$149.870
Group 3	\$58.82	8	\$91.63	\$121.040	\$121.040	\$150.450
Group 4	\$58.96	8	\$91.77	\$121.250	\$121.250	\$150.730
Group 5	\$59.18	8	\$91.99	\$121.580	\$121.580	\$151.170
Group 6	\$59.29	8	\$92.10	\$121.745	\$121.745	\$151.390
Group 7	\$59.41	8	\$92.22	\$121.925	\$121.925	\$151.630
Group 8	\$60.76	8	\$93.57	\$123.950	\$123.950	\$154.330
Group 9	\$59.71	8	\$92.52	\$122.375	\$122.375	\$152.230

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: TUNNEL (OPERATING ENGINEER) (MULTI-SHIFT) #

Determination:

SC-23-63-2-2023-2C

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.75	7.5	\$90.56	\$119.435	\$119.435	\$148.310
Group 2	\$58.53	7.5	\$91.34	\$120.605	\$120.605	\$149.870
Group 3	\$58.82	7.5	\$91.63	\$121.040	\$121.040	\$150.450
Group 4	\$58.96	7.5	\$91.77	\$121.250	\$121.250	\$150.730
Group 5	\$59.18	7.5	\$91.99	\$121.580	\$121.580	\$151.170
Group 6	\$59.29	7.5	\$92.10	\$121.745	\$121.745	\$151.390
Group 7	\$59.41	7.5	\$92.22	\$121.925	\$121.925	\$151.630
Group 8	\$60.76	7.5	\$93.57	\$123.950	\$123.950	\$154.330
Group 9	\$59.71	7.5	\$92.52	\$122.375	\$122.375	\$152.230

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group 1

Heavy Duty Repairman Helper

Group 2

Skiploader (wheel type up to $\frac{3}{4}$ yd. without attachment)

Group 3

Chainman

Power-Driver Jumbo Form Setter Operator

Group 4

Dinkey Locomotive or Motorman (up to and including 10 tons)

Rodman

Group 5

Bit Sharpener

Equipment Greaser (Grease Truck)

Instrumentman

Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)

Tugger Hoist Operator (1 drum)

Tunnel Locomotive Operator (over 10 and up to and including 30 tons)

Welder-General

Group 6

Backhoe Operator (up and including $\frac{3}{4}$ yd.) Small Ford, Case or similar types

Drill Doctor

Grouting Machine Operator

Heading Shield Operator

Heavy Duty Repairman

Jumbo Pipe Carrier

Loader Operator (Athey, Euclid, Sierra and similar types)

Mucking Machine Operator (1/4 yd rubber tired, rail or track type)

Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)

Pneumatic Heading Shield (Tunnel)

Pumpcrete Gun Operator

Tractor Compressor Drill Combination Operator

Tugger Hoist Operator (2 drum)

Tunnel Locomotive Operator (over 30 tons)

Group 7

Heavy Duty Repairman-Welder Combination

Group 8

Party Chief

Group 9

Tunnel Mole Boring Machine Operator

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Page 3.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^d Includes an amount for Annuity.

^e Includes an amount withheld for supplemental dues.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER[#]

Determination:

SC-23-63-2-2023-2D

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^b	Vacation and Holiday ^c	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^d (1½ x)	Saturday Overtime Hourly Rate ^e (1½ x)	Sunday/ Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$89.49	\$117.830	\$117.830	\$146.170
Group 2	\$58.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 3	\$60.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$93.27	\$123.500	\$123.500	\$153.730

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER#
(SPECIAL SHIFT)**

Determination:
SC-23-63-2-2023-2D

Issue Date:
August 22, 2023

Expiration date of determination:
June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:
All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension ^b	Vacation and Holiday ^c	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^d (1½ x)	Saturday Overtime Hourly Rate ^e (1½ x)	Sunday/ Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 2	\$59.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 3	\$61.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$94.27	\$125.000	\$125.000	\$155.730

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER #
(MULTI-SHIFT)**

Determination:
SC-23-63-2-2023-2D

Issue Date:
August 22, 2023

Expiration date of determination:
June 30, 2024**The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:
All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^b	Vacation and Holiday ^c	Training	Other	Hours ^f	Total Hourly Rate	Daily Overtime Hourly Rate ^d (1½ x)	Saturday Overtime Hourly Rate ^e (1½ x)	Sunday/ Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 2	\$59.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 3	\$61.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$94.27	\$125.000	\$125.000	\$155.730

Recognized holidays:
Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group 1

Field Soils and Materials Tester
Field Asphaltic Concrete (Soils and Materials Tester)
Field Earthwork (Grading Excavation and Filling)
Roof Inspector
Water Proofer

Group 2

AWS-CWI Welding Inspector
Building/Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete

Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group 3

Nondestructive Testing (NDT)
Unmanned Aircraft Systems (UAS Drones) Operator (when used in conjunction with field soils and material testing – building/construction inspection

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Page 4.

^b Includes an amount for Annuity.

^c Includes an amount withheld for supplemental dues.

^d Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^e Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^f The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: OPERATING ENGINEER[#]

Determination:

SC-23-63-2-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$55.90	8	\$88.71	\$116.660	\$116.660	\$144.610
Group 2	\$56.68	8	\$89.49	\$117.830	\$117.830	\$146.170
Group 3	\$56.97	8	\$89.78	\$118.265	\$118.265	\$146.750
Group 4	\$58.46	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 6	\$58.68	8	\$91.49	\$120.830	\$120.830	\$150.170
Group 8	\$58.79	8	\$91.60	\$120.995	\$120.995	\$150.390
Group 10	\$58.91	8	\$91.72	\$121.175	\$121.175	\$150.630
Group 12	\$59.08	8	\$91.89	\$121.430	\$121.430	\$150.970
Group 13	\$59.18	8	\$91.99	\$121.580	\$121.580	\$151.170
Group 14	\$59.21	8	\$92.02	\$121.625	\$121.625	\$151.230
Group 15	\$59.29	8	\$92.10	\$121.745	\$121.745	\$151.390
Group 16	\$59.41	8	\$92.22	\$121.925	\$121.925	\$151.630
Group 17	\$59.58	8	\$92.39	\$122.180	\$122.180	\$151.970
Group 18	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 19	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 20	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 21	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 22	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 23	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 24	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 25	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: OPERATING ENGINEER (SPECIAL SHIFT) #

Determination:

SC-23-63-2-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.90	8	\$89.71	\$118.160	\$118.160	\$146.610
Group 2	\$57.68	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 3	\$57.97	8	\$90.78	\$119.765	\$119.765	\$148.750
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 6	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 8	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 10	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 12	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 13	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 14	\$60.21	8	\$93.02	\$123.125	\$123.125	\$153.230
Group 15	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 16	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 17	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970
Group 18	\$60.68	8	\$93.49	\$123.830	\$123.830	\$154.170
Group 19	\$60.79	8	\$93.60	\$123.995	\$123.995	\$154.390
Group 20	\$60.91	8	\$93.72	\$124.175	\$124.175	\$154.630
Group 21	\$61.08	8	\$93.89	\$124.430	\$124.430	\$154.970
Group 22	\$61.18	8	\$93.99	\$124.580	\$124.580	\$155.170
Group 23	\$61.29	8	\$94.10	\$124.745	\$124.745	\$155.390
Group 24	\$61.41	8	\$94.22	\$124.925	\$124.925	\$155.630
Group 25	\$61.58	8	\$94.39	\$125.180	\$125.180	\$155.970

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: OPERATING ENGINEER (MULTI-SHIFT)#

Determination:

SC-23-63-2-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours ^f	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.90	8	\$89.71	\$118.160	\$118.160	\$146.610
Group 2	\$57.68	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 3	\$57.97	8	\$90.78	\$119.765	\$119.765	\$148.750
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.56	8	\$92.37	\$122.150	\$122.150	\$151.930
Group 6	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 7	\$59.78	8	\$92.59	\$122.480	\$122.480	\$152.370
Group 8	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 9	\$59.89	8	\$92.70	\$122.645	\$122.645	\$152.590
Group 10	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 11	\$60.01	8	\$92.82	\$122.825	\$122.825	\$152.830
Group 12	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 13	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 14	\$60.21	8	\$93.02	\$123.125	\$123.125	\$153.230
Group 15	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 16	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 17	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970
Group 18	\$60.68	8	\$93.49	\$123.830	\$123.830	\$154.170
Group 19	\$60.79	8	\$93.60	\$123.995	\$123.995	\$154.390
Group 20	\$60.91	8	\$93.72	\$124.175	\$124.175	\$154.630
Group 21	\$61.08	8	\$93.89	\$124.430	\$124.430	\$154.970
Group 22	\$61.18	8	\$93.99	\$124.580	\$124.580	\$155.170
Group 23	\$61.29	8	\$94.10	\$124.745	\$124.745	\$155.390
Group 24	\$61.41	8	\$94.22	\$124.925	\$124.925	\$155.630

Classification ^a (Journey person)	Basic Hourly Rate	Hours ^f	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^c (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 25	\$61.58	8	\$94.39	\$125.180	\$125.180	\$155.970

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension ^d	\$14.65
Vacation and Holiday ^e	\$3.85
Training	\$1.05
Other	\$0.41

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group 1

Bargeman
Brakeman
Compressor Operator
Ditchwitch, with seat or similar type equipment
Elevator Operator - Inside
Engineer Oiler
Forklift Operator (includes loed, lull or similar types – under 5 tons)
Generator Operator
Generator, Pump or Compressor Plant Operator
Heavy Duty Repairman Helper
Inertial Profiler Operator
Pump Operator
Signalman
Switchman

Group 2

Asphalt-Rubber Plant Operator (Nurse Tank Operator)
Coil Tubing Rig Operator
Concrete Mixer Operator – Skip Type
Conveyor Operator
Fireman
Forklift Operator (includes loed, lull or similar types – over 5 tons)
Hydrostatic Pump Operator
Oiler Crusher (Asphalt or Concrete Plant)
Petromat Laydown Machine
PJU Side Dump Jack
Rotary Drill Helper (Oilfield)
Screening and Conveyor Machine Operator (or similar types)
Skiploader (Wheel type up to $\frac{3}{4}$ yd. without attachment)
Tar Pot Fireman
Temporary Heating Plant Operator
Trenching Machine Oiler

Group 3

Asphalt Rubber Blend Operator
Bobcat or similar type (Skid Steer, with all attachments)
Equipment Greaser (rack)
Ford Ferguson (with dragtype attachments)
Helicopter Radioman (ground)

Stationary Pipe Wrapping and Cleaning Machine Operator

Group 4

Asphalt Plant Fireman
Backhoe Operator (mini-max or similar type)
Boring Machine Operator
Boring System Electronic Tracking Locator
Boxman or Mixerman (asphalt or concrete)
Chip Spreading Machine Operator
Concrete Cleaning Decontamination Machine Operator
Concrete Pump Operator (small portable)
Drilling Machine Operator, Small Auger types (Texoma Super Economatic, or similar types – Hughes 100 or 200, or similar types – drilling depth of 30 maximum)
Equipment Greaser (grease truck)
Excavator Track/Rubber-Tired-with all attachments (Operating weight under 21,000 lbs)
Guard Rail Post Driver Operator
Highline Cableway Signalman
Hydra-Hammer-Aero Stomper
Hydraulic Casing Oscillator Operator – drilling depth of 30' maximum
Micro Tunneling Operator (above ground tunnel)
Power Concrete Curing Machine Operator
Power Concrete Saw Operator
Power – Driver Jumbo Form Setter Operator
Power Sweeper Operator
Rock Wheel Saw/Trencher
Roller Operator (compacting)
Screed Operator (asphalt or concrete)
Trenching Machine Operator (up to 6 ft.)
Vacuum or Muck Truck

Group 5 (for multi-shift rate, see Pages 5 and 6)

Equipment Greaser (Grease Truck/Multi-Shift)

Group 6

Articulating Material Hauler
Asphalt Plant Engineer
Batch Plant Operator
Bit Sharpener
Concrete Joint Machine Operator (canal and similar type)
Concrete Placer Operator
Concrete Planer Operator

Dandy Digger
Deck Engine Operator
Deck Engineer
Derrickman (oilfield type)
Drilling Machine Operator, Bucket or Auger types
(Calweld 100 bucket or similar types – Watson
1000 auger or similar types – Texoma 330, 500 or
600 auger or similar types – drilling depth of 45'
maximum)
Drilling Machine Operator (including water wells)
Forced Feed Loader
Hydraulic Casing Oscillator Operator – drilling depth
of 45' maximum
Hydro Seeder Machine Operator (straw, pulp or seed)
Jackson Track Maintainer, or similar type
Kalamazoo Switch Tamper, or similar type
Machine Tool Operator
Maginnis Internal Full Slab Vibrator
Mechanical Berm, Curb or Gutter (concrete or
asphalt)
Mechanical Finisher Operator (concrete, Clary-
Johnson-Bidwell or similar)
Micro Tunnel System Operator (below ground)
Pavement Breaker Operator
Railcar Mover
Road Oil Mixing Machine Operator
Roller Operator (asphalt or finish)
Rubber-Tired Earthmoving Equipment (single
engine, up to and including 25 yds. struck)
Self-Propelled Tar Pipelining Machine Operator
Skiploader Operator (crawler and wheel type, over
 $\frac{3}{4}$ yds. and up to and including $1\frac{1}{2}$ yds.)
Slip Form Pump Operator (power driven hydraulic
lifting device for concrete forms)
Tractor Operator – Bulldozer, Tamper-Scraper
(single engine, up to 100 H.P. flywheel and similar
types, up to and including D-5 and similar types)
Tugger Hoist Operator (1 drum)
Ultra High Pressure Waterjet Cutting Tool System
Operator
Vacuum Blasting Machine Operator
Volumetric Mixer Operator
Welder - General

Group 7 (for multi-shift rate, see Pages 5 and 6)

Welder - General (Multi-Shift)

Group 8

Asphalt or Concrete Spreading Operator (tamping or
finishing)
Asphalt Paving Machine Operator (barber greene or
similar type, one (1) Screedman)
Asphalt-Rubber Distributor Operator
Backhoe Operator (up to and including $\frac{3}{4}$ yds.)
small ford, case or similar types
Backhoe Operator (over $\frac{3}{4}$ yd. and up to 5 cu. yds.
M.R.C.)
Barrier Rail Mover (BTM Series 200 or similar types)
Cast in Place Pipe Laying Machine Operator
Cold Foamed Asphalt Recycler
Combination Mixer and Compressor Operator
(gunite work)
Compactor Operator – Self Propelled
Concrete Mixer Operator – Paving
Crushing Plant Operator
Drill Doctor
Drilling Machine Operator, Bucket or Auger types
(Calweld 150 bucket or similar types – Watson
1500, 2000, 2500 auger or similar types –
Texoma 700, 800 auger or similar types – drilling
depth of 60' maximum)
Elevating Grader Operator
Excavator Track/Rubber-Tired with all attachments
(Operating Weight 21,000 lbs – 100,000 lbs)
Global Positioning System/GPS (or Technician)
Grade Checker
Gradall Operator
Grouting Machine Operator
Heavy Duty Repairman/Pump Installer
Heavy Equipment Robotics Operator
Hydraulic Casing Oscillator Operator – drilling depth
of 60' maximum
Hydraulic Operated Grout Plant (excludes hand
loading)
Kalamazoo Ballast Regulator or similar type
Klemm Drill Operator or similar types
Kolman Belt Loader and similar type
Le Tourneau Blob Compactor or similar type
Lo Drill
Loader Operator (Athey, Euclid, Sierra and similar
types)
Master Environmental Maintenance Mechanic
Mobark Chipper or similar types
Ozzie Padder or similar types
P.C. 490 Slot Saw

Pneumatic Concrete Placing Machine Operator
(Hackley-Presswell or similar type)
Prentice 721E Hydro-Ax
Pumpcrete Gun Operator
Rock Drill or Similar Types (see Miscellaneous
Provision #4 for additional information regarding
this classification)
Rotary Drill Operator (excluding caison type)
Rubber-Tired Earth Moving Equipment Operator
(single engine, caterpillar, euclid, atthey wagon,
and similar types with any and all attachments
over 25 yds. and up to and including 50 cu yds.
struck)
Rubber-Tired Earth Moving Equipment Operator
(multiple engine – up to and including 25 yds.
struck)
Rubber-Tired Scraper Operator (self-loading paddle
wheel type – John Deere, 1040 and similar single
unit)
Self-Propelled Curb and Gutter Machine Operator
Shuttle Buggy
Skiploader Operator (crawler and wheel type over 1
½ yds. up to and including 6 ½ yds.)
Soil Remediation Plant Operator (CMI, Envirotech or
Similar)
Soil Stabilizer and Reclaimer (WR-2400)
Somero SXP Laser Screed
Speed Swing Operator
Surface Heaters and Planer Operator
Tractor Compressor Drill Combination Operator
Tractor Operator (any type larger than D-5 – 100
flyweel H.P. and over, or similar – bulldozer,
tamper, scraper and push tractor, single engine)
Tractor Operator (boom attachments)
Traveling Pipe Wrapping, Cleaning and Bending
Machine Operator)
Trenching Machine Operator (over 6 ft. depth
capacity, manufacturer's rating)
Trenching Machine with Road Miner Attachment
(over 6ft. depth capacity, manufacturer's rating –
Oiler or Journeyman Trainee required)
Ultra High Pressure Waterjet Cutting Tool System
Mechanic
Water Pull (compaction)

Group 9 (for multi-shift rate, see Pages 5 and 6)
Heavy Duty Repairman (Multi-Shift)

Group 10

Backhoe Operator (over 5 cu. yds. M.R.C.)
Drilling Machine Operator, Bucket or Auger types
(Calweld 200 B bucket or similar types – Watson
3000 or 5000 auger or similar types – Texoma
900 auger or similar types – drilling depth of 105'
maximum)
Dual Drum Mixer
Dynamic Compactor LDC350 or similar types
Heavy Duty Repairman-Welder combination
Hydraulic Casing Oscillator Operator – drilling depth
of 105' maximum
Monorail Locomotive Operator (diesel, gas or
electric)
Motor Patrol – Blade Operator (single engine)
Multiple Engine Tractor Operator (euclid and similar
type – except quad 9 cat.)
Pneumatic Pipe Ramming Tool and similar types
Pre-stressed Wrapping Machine Operator (2
Operators required)
Rubber – Tired Earth Moving Equipment Operator
(single engine, over 50 yds. struck)
Rubber – Tired Earth Moving Equipment Operator
(multiple engine, euclid caterpillar and similar –
over 25 yds. and up to 50 yds. struck)
Tower Crane Repairman
Tractor Loader Operator (crawler and wheel-type
over 6 ½ yds.)
Unmanned Aircraft Systems (UAS Drones) Operator
(when used in conjunction with hoisting and
placing materials)
Welder – Certified
Woods Mixer Operator (and similar pugmill
equipment)

Group 11 (for multi-shift rate, see Pages 5 and 6)

Heavy Duty Repairman – Welder Combination
(Multi-Shift)

Welder – Certified (Multi-Shift)

Group 12

Auto Grader Operator
Automatic Slip Form Operator
Backhoe Operator (over 7 cu. yds. M.R.C.)
Drilling Machine Operator, Bucket or Auger types
(Calweld, auger 200 CA or similar types –
Watson, auger 6000 or similar types – hughes
super duty, auger 200 or similar types – drilling
depth of 175' maximum)

Excavator Track/Rubber Tired- with all attachments
(Operating Weight 100,000 lbs. – 200,000 lbs.)
Hoe Ram or similar with compressor
Hydraulic Casing Oscillator Operator – drilling depth
of 175' maximum
Mass Excavator Operator – less than 750 cu. yds.
Mechanical Finishing Machine Operator
Mobile Form Traveler Operator
Motor Patrol Operator (multi-engine)
Pipe Mobile Machine Operator
Rubber-Tired Earth Moving Equipment Operator
(multiple engine, euclid, caterpillar and similar
type, over 50 cu. yds. struck)
Rubber-Tired Self-Loading Scraper Operator
(paddle-wheel-auger type self-loading – (two (2)
or more units)

Group 13

Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(single engine, up to and including 25 yds. struck)

Group 14

Canal Liner Operator
Canal Trimmer Operator
Drilling Machine Operator, Bucket or Auger types
(Calweld, auger 200 CA or similar types –
watson, auger 6000 or similar types – hughes
super duty, auger 200 or similar types – drilling
depth of 300' maximum)
Remote Controlled Earth Moving Operator (\$1.00
per hour additional to base rate)
Wheel Excavator Operator (over 750 cu. yds. per
hour)

Group 15

Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(single engine, caterpillar, euclid, atthey wagon,
and similar types with any and all attachments
over 25 and up to and including 50 cu. yds.
struck)
Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(multiple engine - up to and including 25 yds.
struck)

Group 16

Excavator Track/Rubber Tired – with all attachments
(Operating Weight exceeding 200,000 lbs.)

Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(single engine, over 50 yds. struck)
Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(multiple engine, euclid, caterpillar, and similar,
over 25 yds. and up to 50 yds. struck)

Group 17

Rubber-Tired Earth Moving Equipment Operator,
Operating Equipment with the Push-Pull System
(multiple engine, euclid, caterpillar, and similar
type, over 50 cu. yds. struck)
Tandem Tractor Operator (operating crawler type
tractors in tandem – Quad 9 and similar type)

Group 18

Rubber-Tired Earth Moving Equipment Operator,
Operating in Tandem (scrapers, belly dumps, and
similar types in any combination, excluding
compaction units - single engine, up to and
including 25 yds. struck)

Group 19

Rotex Concrete Belt Operator
Rubber-Tired Earth Moving Equipment Operator,
Operating in Tandem (scrapers, belly dumps, and
similar types in any combination, excluding
compaction units - single engine, caterpillar,
euclid, atthey wagon, and similar types with any
and all attachments over 25 yds. and up to and
including 50 cu. yds. struck)
Rubber-Tired Earth Moving Equipment Operator,
Operating in Tandem (scrapers, belly dumps, and
similar types in any combination, excluding
compaction units - multiple engines, up to and
including 25 yds. struck)

Group 20

Rubber-Tired Earth Moving Equipment Operator,
Operating in Tandem (scrapers, belly dumps, and
similar types in any combination, excluding
compaction units - single engine, over 50 yds.
struck)
Rubber-Tired Earth Moving Equipment Operator,
Operating in Tandem (scrapers, belly dumps, and
similar types in any combination, excluding
compaction units - multiple engine, euclid,
caterpillar and similar, over 25 yds. and up to 50
yds. struck)

Group 21

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar type, over 50 cu. yds. struck)

Group 22

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, up to and including 25 yds. struck)

Group 23

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, caterpillar, euclid, atthey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

Group 24

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, over 50 yds. Struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

Group 25

Concrete Pump Operator-Truck Mounted
Pedestal Concrete Pump Operator

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar over 50 cu. yds struck)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.
4. A review of rock drilling is currently pending. The minimum acceptable rate of pay for this classification or type of work on public works projects is Laborer and Related Classifications/Group 5 (Driller) as published in the Director's General Prevailing Wage Determinations. However, the published rate for the craft/classification of Operating Engineer/Group 8 (Rock Drill or Similar Types) may be used by contractors to perform rock drilling on public works projects.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Pages 7 through 11.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^d Includes an amount for Annuity.

^e Includes an amount withheld for supplemental dues.

^f The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Laborer and Related Classifications #

Determination:

SC-23-102-2-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification ^a (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^b	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^{cd}	Sunday/ Holiday Overtime Hourly Rate (2 X)
Group 1	\$41.38	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$68.39	\$89.080	\$89.080	\$109.770
Group 2	\$41.93	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$68.94	\$89.905	\$89.905	\$110.870
Group 3	\$42.48	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$69.49	\$90.730	\$90.730	\$111.970
Group 4	\$44.03	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$71.04	\$93.055	\$93.055	\$115.070
Group 5	\$44.38	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$71.39	\$93.580	\$93.580	\$115.770

Group 1

Boring Machine Helper (Outside)
 Certified Confined Space Laborer
 Cleaning and Handling of Panel Forms
 Concrete Screeding for Rough Strike-Off
 Concrete, Water Curing
 Demolition Laborer, the cleaning of brick if performed by an employee performing any other phase of demolition work, and the cleaning of lumber
 Fiberoptic Installation, Blowing, Splicing, and Testing Technician on public right-of-way only
 Fire Watcher, Limbers, Brush Loaders, Pilers and Debris Handlers
 Flagman
 Gas, Oil and/or Water Pipeline Laborer
 Laborer, Asphalt-Rubber Material Loader
 Laborer, General or Construction
 Laborer, General Cleanup
 Laborer, Jetting
 Laborer, Temporary Water and Air Lines
 Plugging, Filling of Shee-Bolt Holes; Dry Packing of Concrete and Patching
 Post Hole Digger (Manual)
 Railroad Maintenance, Repair Trackman and Road Beds; Streetcar and Railroad Construction Track Laborers
 Rigging and Signaling
 Scaler
 Slip Form Raisers
 Tarman and Mortar Man
 Tool Crib or Tool House Laborer
 Traffic Control by any method
 Water Well Driller Helper
 Window Cleaner
 Wire Mesh Pulling - All Concrete Pouring Operations

Group 2

Asphalt Shoveler
 Cement Dumper (on 1 yard or larger mixer and handling bulk cement)
 Cesspool Digger and Installer
 Chucktender
 Chute Man, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks,

floors, foundations, footings, curbs, gutters and sidewalks
 Concrete Curer-Impervious Membrane and Form Oil
 Cutting Torch Operator (Demolition)
 Fine Grader, Highways and Street Paving, Airport, Runways, and similar type heavy construction
 Gas, Oil and/or Water Pipeline Wrapper-Pot Tender and Form Man
 Guinea Chaser
 Headerboard Man-Asphalt
 Installation of all Asphalt Overlay Fabric and Materials used for Reinforcing Asphalt
 Laborer, Packing Rod Steel and Pans
 Membrane Vapor Barrier Installer
 Power Broom Sweepers (small)
 Riprap, Stonepaver, placing stone or wet sacked concrete
 Roto Scraper and Tiller
 Sandblaster (Pot Tender)
 Septic Tank Digger and Installer (leadman)
 Tank Scaler and Cleaner
 Tree Climber, Faller, Chain Saw Operator, Pittsburgh Chipper and similar type Brush Shredders
 Underground Laborer, including Caisson Bellow

Group 3

Asphalt Installation of all fabrics
 Buggymobile Man
 Compactor (all types including Tampers, Barko, Wacker)
 Concrete Cutting Torch
 Concrete Pile Cutter
 Driller, Jackhammer, 2 1/2 ft. drill steel or longer
 Dri Pak-it Machine
 Gas, Oil and/or Water Pipeline Wrapper - 6-inch pipe and over by any method, inside and out
 Impact Wrench, Multi-Plate
 Kettlemen, Potmen and Men applying asphalt, lay-kold, creosote, lime caustic and similar type materials
 Laborer, Fence Erector
 Material Hoseman (Walls, Slabs, Floors and Decks)
 Operators of Pneumatic, Gas, Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-

Alongs, and similar mechanical tools not separately classified herein; operation of remote controlled robotic tools in connection with Laborers work
 Pipelayer's backup man, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services

Power Post Hole Digger
 Rock Slinger
 Rotary Scarifier or Multiple Head Concrete Chipping Scarifier
 Steel Headerboard Man and Guideline Setter
 Trenching Machine, Hand Propelled

Group 4

Any Worker Exposed to Raw Sewage
 Asphalt Raker, Luteman, Ironer, Asphalt Dumpman, and Asphalt Spreader Boxes (all types)
 Concrete Core Cutter (walls, floors or ceilings), Grinder or Sander
 Concrete Saw Man, Cutting Walls or Flat Work, Scoring old or new concrete
 Cribber, Shorer, Lagging, Sheeting and Trench Bracing, Hand-Guided Lagging Hammer
 Head Rock Slinger
 High Scaler (including drilling of same)
 Laborer, Asphalt-Rubber Distributor Bootman
 Laser Beam in connection with Laborer's work
 Oversize Concrete Vibrator Operator, 70 pounds and over
 Pipelayer
 Prefabricated Manhole Installer
 Sandblaster (Nozzlemann), Water Blasting, Porta Shot-Blast
 Subsurface Imaging Laborer
 Traffic Lane Closure, certified

Group 5

Blasters Powderman
 Driller
 Toxic Waste Removal
 Welding, certified or otherwise in connection with Laborers' work

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classification within each group, see next page.

^b Includes an amount per hour worked for supplemental dues.

^c Any hours worked over 12 hours in a single workday are double (2) time.

^d Saturdays in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather or similar Act of God, or a situation beyond the employer's control.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Parking and Highway Improvement (Striping, Slurry and Seal Coat Operations-Laborer)#

Determination:

SC-23-102-6-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday ^b	Training	Other	Hours ^c	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	6 th & 7 th Day Overtime Hourly Rate ^d (1½ x)	Holiday Overtime Hourly Rate (2 X)
Group 1	\$44.10	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$68.86	\$90.910	\$90.910	\$112.96
Group 2	\$45.40	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$70.16	\$92.860	\$92.860	\$115.56
Group 3	\$47.41	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$72.17	\$95.875	\$95.875	\$119.58
Group 4	\$49.15	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$73.91	\$98.485	\$98.485	\$123.06

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATION GROUPS:

Group 1

Protective coating, Pavement sealing (repairs and filling of cracks by any method to parking lots, game courts and playgrounds, and tracks, whether indoor or outdoor)
Truck Mounted Attenuator
Automatous Truck Mounted Attenuator
Installation of carstops
Traffic Control Person & Serviceman; including work of installing and protecting utility covers, traffic delineating devices, posting of no parking and notifications for public convenience
Asphalt Repair
Equipment Repair Technician
Truncated Dome Assitant
Decorative Asphalt Surfacing Applicator Assistant

Group 2

Traffic Surface Abrasive Blaster
Pot Tender
Traffic Control Person/Certified Traffic Control Person
Repairing and filling of cracks and surface cleaning on streets, highways, and airports by any means, and other work not directly connected with the application of slurry seal
Slurry Seal Squeegeeman (finisher)
Bob Cat/Skid Steer
Seal Roller
Forklift

Group 3

Traffic Delineating Device Applicator
Traffic Protective System Installer
Pavement Marking Applicator

Slurry Seal Applicator Operator (Line Driver-including self-contained distribution units, aggregate spreader truck)
Shuttleman (loader/slurry machine operations) operation of all related machinery and equipment; handling of related materials
Truncated Dome Technician
Decorative Asphalt Surfacing Applicator

Group 4

Traffic Striping Applicator
Slurry Seal Mixer Operator
Power Broom Sweeper (operation of all related trucks, machinery and equipment; Handling of related materials)

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Page 2.

^b Includes an amount per hour worked for Supplemental Dues.

^c Straight-time hours: 8 consecutive hours per day. 40 hours over 5 consecutive days, Monday through Sunday shall constitute a week's work at straight time.

^d The sixth consecutive day in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: TUNNEL WORKER (LABORER)

Determination:

SC-23-102-12-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday ^b	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^c (1½ X)	Saturday Overtime Hourly Rate ^c (1½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Group I	\$48.03	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.040	\$99.055	\$99.055	\$123.070
Group II	\$48.35	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.360	\$99.535	\$99.535	\$123.710
Group III	\$48.81	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.820	\$100.225	\$100.225	\$124.630
Group IV ^d	\$49.50	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$76.510	\$101.260	\$101.260	\$126.010
Group V	\$50.35	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$77.360	\$102.535	\$102.535	\$127.710

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group I

Batch Plant Laborer
Bottom Lander
Changehouseman
Dumpman
Outside Dumpman
Loading and Unloading Agitator Cars
Nipper
Pot Tender using mastic or other materials
Rollover Dumpman
Shotcrete Man (helper)
Subsurface Laborer (non-miner)
Swamper/Brakemen (Brakeman and Switchman on tunnel work)
Tool Man
Top Lander
Tunnel Materials Handling Man

Group II

Chemical Grout Jetman
Chucktender, Cabletender
Concrete crew-include Rodders and Spreaders
Grout Mixerman
Grout Pumpman
Operating of Troweling and/or Grouting Machines
Vibratorman, Jack Hammer Pneumatic Tools (except driller)

Group III

Blaster, Driller, Powderman
Bull Gang Mucker, Trackman
Cherry Pickerman
Grout Gunman
Jackleg Miner
Jumbo Man
Kemper and other Pneumatic Concrete Placer Operator

Micro-Tunneling, Micro-Tunneling Systems
Nozzlemann
Powderman-Primer House
Primer Man
Sandblaster
Segment Erector
Steel Form Raiser and Setter
Timberman, Retimberman, wood or steel
Tunnel Concrete Finisher

Group IV

Shaft and Raise Work^d
Diamond Driller
HDPE Membrane Vapor Barrier Welder
Miner - Tunnel (hand or machine)

Group V

Welder, certified as required

^a For classifications within each group, see Page 2.

^b Includes an amount per hour worked for supplemental dues.

^c All work performed over 12 hours in a single work day shall be paid for at double time (2x).

^d The classification "Shaft and Raise Work" shall be applicable to all work from the entrance to the shaft or raise and including surge chambers. This classification shall apply to all work involving surge chambers up to ground level.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Cement Mason[#]

Determination:

SC-23-203-2-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Saturday Overtime Hourly Rate (1 ½ X) ^b _c	Sunday/ Holiday Overtime Hourly Rate (2 X)
Cement Mason, Curb and Gutter Machine Operator; Clary and Similar Type of Screed Operator (Cement only); Grinding Machine Operator (all types); Jackson Vibratory, Texas Screed and Similar Type Screed Operator; Scoring Machine Operator	\$44.00	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.35	\$93.35	\$93.35	\$115.35
Magnesite, magnesite-terrazzo and mastic composition, Epoxy, Urethanes and exotic coatings, Dex-O-Tex	\$44.12	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.47	\$93.53	\$93.53	\$115.59

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^b	Saturday Overtime Hourly Rate (1 ½ X) ^b _c	Sunday/ Holiday Overtime Hourly Rate (2 X)
Floating and Troweling Machine Operator	\$44.25	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.60	\$93.725	\$93.725	\$115.85

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for supplemental dues.

^b Rate applies to the first 4 daily overtime hours and the first 12 hours worked on Saturday. All other time is paid at the double time (2X) rate.

^c Saturday in the same work week may be worked at straight-time rate, up to 8 hours on Saturday or when the employee has worked a total of 40 hours in the work week, if it is not reasonably possible for any individual employee on a particular job site to complete 40 hours of work on a 8 hour day, Monday through Friday, due to inclement weather or similar act of God or a situation beyond the control of the contractor.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

Determination:

SC-23-261-2-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$38.19	8	\$71.88	\$90.975	\$90.975	\$110.07
Group II	\$38.34	8	\$72.03	\$91.20	\$91.20	\$110.37
Group III	\$38.47	8	\$72.16	\$91.395	\$91.395	\$110.63
Group IV	\$38.66	8	\$72.35	\$91.68	\$91.68	\$111.01
Group V	\$38.69	8	\$72.38	\$91.725	\$91.725	\$111.07
Group VI	\$38.72	8	\$72.41	\$91.77	\$91.77	\$111.13
Group VII	\$38.97	8	\$72.66	\$92.145	\$92.145	\$111.63
Group VIII	\$39.22	8	\$72.91	\$92.52	\$92.52	\$112.13
Group IX	\$39.42	8	\$73.11	\$92.82	\$92.82	\$112.53
Group X	\$39.72	8	\$73.41	\$93.27	\$93.27	\$113.13
Group XI	\$40.22	8	\$73.91	\$94.02	\$94.02	\$114.13

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$3.15
Training	\$1.92
Other	\$0.50

Wages and total hourly rates (including employer payments):

Classification ^d (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SPECIAL SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

Determination:

SC-23-261-2-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$39.19	8	\$72.88	\$92.475	\$92.475	\$112.07
Group II	\$39.34	8	\$73.03	\$92.70	\$92.70	\$112.37
Group III	\$39.47	8	\$73.16	\$92.895	\$92.895	\$112.63
Group IV	\$39.66	8	\$73.35	\$93.18	\$93.18	\$113.01
Group V	\$39.69	8	\$73.38	\$93.225	\$93.225	\$113.07
Group VI	\$39.72	8	\$73.41	\$93.27	\$93.27	\$113.13
Group VII	\$39.97	8	\$73.66	\$93.645	\$93.645	\$113.63
Group VIII	\$40.22	8	\$73.91	\$94.02	\$94.02	\$114.13
Group IX	\$40.42	8	\$74.11	\$94.32	\$94.32	\$114.53
Group X	\$40.72	8	\$74.41	\$94.77	\$94.77	\$115.13
Group XI	\$41.22	8	\$74.91	\$95.52	\$95.52	\$116.13

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$3.15
Training	\$1.92
Other	\$0.50

Wages and total hourly rates (including employer payments):

Classification ^d (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SECOND SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

Determination:

SC-23-261-2-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and total hourly rates (including employer payments):

Classification ^a (Journey person)	Basic Hourly Rate	Hours ^e	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$40.19	8	\$73.88	\$93.975	\$93.975	\$114.07
Group II	\$40.34	8	\$74.03	\$94.20	\$94.20	\$114.37
Group III	\$40.47	8	\$74.16	\$94.395	\$94.395	\$114.63
Group IV	\$40.66	8	\$74.35	\$94.68	\$94.68	\$115.01
Group V	\$40.69	8	\$74.38	\$94.725	\$94.725	\$115.07
Group VI	\$40.72	8	\$74.41	\$94.77	\$94.77	\$115.13
Group VII	\$40.97	8	\$74.66	\$95.145	\$95.145	\$115.63
Group VIII	\$41.22	8	\$74.91	\$95.52	\$95.52	\$116.13
Group IX	\$41.42	8	\$75.11	\$95.82	\$95.82	\$116.53
Group X	\$41.72	8	\$75.41	\$96.27	\$96.27	\$117.13
Group XI	\$42.22	8	\$75.91	\$97.02	\$97.02	\$118.13

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$3.15
Training	\$1.92
Other	\$0.50

Wages and total hourly rates (including employer payments):

Classification ^d (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1½ x)	Saturday Overtime Hourly Rate ^b (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

Employer Payments:

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday ^c	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Classifications:

Group I

Warehouseman and Teamster

Group II

Driver of Vehicle or Combination of Vehicles - 2 axles
Traffic Control Pilot Car, excluding moving heavy equipment permit load
Truck Mounted Power Broom

Group III

Driver of Vehicle or Combination of Vehicles - 3 axles
Bootman
Cement Mason Distribution Truck
Fuel Truck Driver
Water Truck - 2 axles
Dump Truck of less than 16 yards water level
Erosion Control Driver

Group IV

Driver of Transit Mix Truck-Under 3 yds
Dumpcrete Truck Less than 6½ yards water level
Truck Repairman Helper

Group V

Water Truck 3 or more axles
Warehouseman Clerk
Slurry Truck Driver

Group VI

Driver of Transit Mix Truck - 3 yds or more
Dumpcrete Truck 6½ yds water level and over
Driver of Vehicle or Combination of Vehicles - 4 or more axles
Driver of Oil Spreader Truck
Dump Truck 16 yds to 25 yds water level

Side Dump Trucks

Flow Boy Dump Trucks

Group VII

A Frame, Swedish Crane or Similar
Forklift Driver
Ross Carrier Driver

Group VIII

Dump Truck of 25 yds to 49 yards water level
Truck Repairman
Water Pull Single Engine
Welder

Group IX

Truck Repairman Welder
Low Bed Driver, 9 axles or over

Group X

Working Truck Driver
Truck Greaser and Tireman - \$0.50 additional for Tireman
Pipeline and Utility Working Truck Driver, including Winch Truck and Plastic Fusion, limited to Pipeline and Utility Work
Dump Truck and Articulating - 50 yards or more water level
Water Pull Single Engine with attachment

Group XI

Water Pull Twin Engine
Water Pull Twin Engine with attachments
Winch Truck Driver - \$0.25 additional when operating a Winch or similar special attachment

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a For classifications within each group, see Page 7.

^b Rate applies to the first 4 daily overtime hours on weekdays and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

^c Includes an amount for Supplemental Dues.

^d Subjourneymen may be employed at a ratio of one subjourneyman for every five journeymen.

^e The third shift shall work 6.5 hours, exclusive of meal period, for which 8-hours straight time shall be paid at the non-shift rate, Monday through Friday.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Drywall Installer/Lather (Carpenter)[#]

Determination:

SC-31-X-41-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday/ Holiday Overtime Hourly Rate (2 X)
Drywall Installer/Lather	\$48.86	\$8.25	\$5.91	\$7.39	\$0.72	\$3.77	8.0	\$74.90	\$99.33	\$99.33	\$123.76

Determination:

SC-31-X-41-2024-1A

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday/ Holiday Overtime Hourly Rate (2 X)
Stocker, Scrapper	\$20.80	\$4.25	\$0.00	\$8.39	\$0.72	\$0.00	8.0	\$34.16	\$44.56	\$44.56	\$54.96

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount per hour worked for supplemental dues.

^b Includes an amount for Annuity.

^c Rate applies to the first 4 daily overtime hours and to the first 8 hours on Saturday. All other overtime will be paid the Sunday and Holiday double time rate. Saturdays in the same workweek may be worked at straight-time if job is shut down during the normal work week due to inclement weather.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Elevator Constructor[#]

Determination:

SC-62-X-999-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

December 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-477.

Localities:

All localities within Imperial, Los Angeles, Orange, Riverside, San Diego, Santa Barbara and Ventura counties. Portions of Kern, San Bernardino and San Luis Obispo counties are detailed below ^a.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^b	Vacation and Holiday ^c	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^d	Saturday Overtime Hourly Rate (1 ½ X) ^d	Sunday/ Holiday Overtime Hourly Rate
Mechanic	\$66.63	\$16.175	\$20.96	\$6.05	\$0.75	\$1.30	8.0	\$111.865	\$145.180	\$145.180	\$178.495
Mechanic (employed in industry more than 5 years)	\$66.63	\$16.175	\$20.96	\$7.39	\$0.75	\$1.30	8.0	\$113.205	\$146.520	\$146.520	\$179.835
Helper ^e	\$46.64	\$16.175	\$20.96	\$4.24	\$0.75	\$1.30	8.0	\$90.065	\$113.385	\$113.385	\$136.705
Helper (employed in industry more than 5 years) ^e	\$44.64	\$16.175	\$20.96	\$5.17	\$0.75	\$1.30	8.0	\$90.995	\$114.315	\$114.315	\$137.635

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Applies to that portion of these counties south of the Tehachapi Line. For more information contact the Office of the Director – Research Unit.

^b Includes an amount for Annuity Trust Fund.

^c Includes an amount for 8 paid holidays.

^d For Contract Service work only. All other overtime is paid at the Sunday/Holiday rate.

^e Ratio: The total number of Helpers employed shall not exceed the number of Mechanics on any one job. When removing old and installing new cables on existing elevator installations, the Company may use two (2) Helpers, Apprentices or Assistant Mechanics to one (1) Mechanic. Two (2) Helpers, Apprentices or Assistant Mechanics to each three (3) Mechanics may be employed in Contract Service work only. For more information on the use of Helpers, contact the Office of the Director – Research Unit.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Dredger (Operating Engineer)*

Determination:

SC-63-12-23-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

July 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation and Holiday ^b	Training	Other ^c	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday Overtime Hourly Rate (2 X)	Holiday Overtime Hourly Rate (3X)
Chief Engineer, Deck Captain	\$61.10	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$97.45	\$128.000	\$128.000	\$158.55	\$219.65
Leverman	\$64.10	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$100.45	\$132.500	\$132.500	\$164.55	\$228.65
Watch Engineer, Deckmate	\$58.02	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$94.37	\$123.380	\$123.380	\$152.39	\$210.41
Winchman (Stern Winch on Dredge)	\$57.47	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.82	\$122.555	\$122.555	\$151.29	\$208.76
Fireman-Oiler, Leveehand, Deckhand (can operate anchor scow under direction of mate), Bargeman	\$56.93	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.28	\$121.745	\$121.745	\$150.21	\$207.14

Classification	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation and Holiday ^b	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^c	Sunday Overtime Hourly Rate (2 X)	Holiday Overtime Hourly Rate (3X)
Dozer Operator	\$58.13	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$94.48	\$123.545	\$123.545	\$152.61	\$210.74
Hydrographic Surveyor	\$59.56	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$95.91	\$125.690	\$125.690	\$155.47	\$215.03
Barge Mate	\$57.54	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.89	\$122.660	\$122.660	\$151.43	\$208.97
Welder	\$59.52	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$95.87	\$125.630	\$125.630	\$155.39	\$214.91

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

MISCELLANEOUS PROVISION:

Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for annuity.

^b Includes an amount for supplemental dues.

^c Rate applies to the first 4 daily overtime hours and first 12 hours on Saturdays. All other time is paid at the Sunday overtime rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Landscape Operating Engineer[#]

Determination:

SC-63-12-33-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

October 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension ^a	Vacation and Holiday ^b	Training	Other	Hours	Total Hourly Rate	Daily/ Saturday Overtime Hourly Rate ^c (1½ X)	Sunday Overtime Hourly Rate ^d (2X)	Holiday Overtime Hourly Rate ^d (3X)
Landscape Operating Engineer: Backhoe Operators; Skidsteer; Forklifts-Tree Planting Equipment (jobsite); HDR Welder-Landscape, Irrigation, Operating Engineers' Equipment; Mulching Tractors; Roller Operators; Rubber-tired & Track Earthmoving Equipment; Skiploader Operators; Trencher-31 horsepower and up	\$48.01	\$12.85	\$13.15	\$3.85	\$1.05	\$0.15	8.0	\$80.56	\$104.565	\$128.570	\$176.58

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for the Defined Contribution Plan (Annuity).

^b Includes an amount per hour worked for supplemental dues.

^c Rate applies to the first four overtime hours daily and the first twelve hours on Saturday. Thereafter use the Sunday overtime rate.

^d All work performed on a Dewatering Operation on holidays and all other work on holidays except Labor Day and the 1st Saturday following the 1st Friday in the months of June and December is paid at Sunday rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Landfill Worker (Operating Engineer)

Determination:

SC-63-12-41-2023-2

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare ^a	Pension	Vacation and Holiday ^b	Hours	Total Hourly Rate ^c	Daily/Holiday Overtime Hourly Rate (1 ½ X) ^d	Sunday Overtime Hourly Rate (2 X)
Heavy Duty Repairman and/or Welder	\$37.05	\$6.25	\$9.65	\$0.71 ^e	8.0	\$53.66	\$65.225	\$83.750
Equipment Operator II	\$29.75	\$6.11	\$9.65	\$0.57 ^f	8.0	\$46.08	\$54.275	\$69.150
Equipment Operator III	\$30.75	\$6.13	\$9.65	\$0.59 ^g	8.0	\$47.12	\$55.775	\$71.150
PM Tech	\$26.40	\$6.05	\$9.65	\$0.51 ^h	8.0	\$42.61	\$49.250	\$62.450
Laborer/Spotter	\$19.60	\$5.92	\$4.07	\$0.38 ⁱ	8.0	\$29.97	\$33.470	\$43.270

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Includes amounts for Sick Leave and Health Insurance that apply to the first 173.33 hours worked per month.

^b This amount applies to the first 173.33 hours worked per month.

^c Computation is based on the first year of employment. This rate should be increased by any applicable vacation increase as stated in the other footnotes.

^d Rate applies to all hours worked in excess of forty (40) hours in a workweek or in excess of eight (8) hours in any one day. Rate also applies to sixth consecutive day of work. For any daily hours worked in excess of twelve (12) hours, the Sunday overtime rate would apply.

^e \$1.43 after 2 years of service; \$2.14 after 5 years of service.

^f \$1.14 after 2 years of service; \$1.72 after 5 years of service.

^g \$1.18 after 2 years of service; \$1.77 after 5 years of service.

^h \$1.02 after 2 years of service; \$1.52 after 5 years of service.

ⁱ \$0.75 after 2 years of service; \$1.13 after 5 years of service.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Gunitite Worker (Laborer)

Determination:

SC-102-345-1-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate ^a	Health and Welfare	Pension	Vacation and Holiday ^b	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Daily Overtime Hourly Rate (2 X)	Saturday Overtime Hourly Rate (1 ½ X) ^{d e}	Saturday Overtime Hourly Rate (2 X) ^e	Sunday/ Holiday Overtime Hourly Rate (2 X)
Ground Wire Man, Nozzleman, Rodman	\$51.10	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$75.29	\$100.84	\$126.39	\$100.84	\$126.39	\$126.39
Gunman	\$50.15	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$74.34	\$99.415	\$124.49	\$99.415	\$124.49	\$124.49
Reboundman	\$46.61	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$70.80	\$94.105	\$117.41	\$94.105	\$117.41	\$117.41
Entry-Level Gunitite Worker Step 1 ^f (0-1000 hours)	\$33.46	\$5.88	\$8.80	\$6.35	\$0.06	8.0	\$54.55	\$71.28	\$88.01	\$71.28	\$88.01	\$88.01
Entry-Level Gunitite Worker Step 2 ^f (1001- 2000 hours)	\$35.46	\$5.88	\$8.80	\$6.35	\$0.06	8.0	\$56.55	\$74.28	\$92.01	\$74.28	\$92.01	\$92.01

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Employees working from a Bos'n's Chair or suspended from a rope or cable shall receive \$0.40/hour above this rate.

^b Includes an amount per hour worked for Supplemental Dues.

^c Rate applies to the first 3 overtime hours.

^d Rate applies to the first 11 overtime hours.

^e In the event it is not reasonably possible to complete forty (40) hours of work on an eight (8) hour day shift, Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight time rate.

^f Ratio is one Entry-Level Gunitite Worker for the 1st 4 Journeymen on the job (although the Entry-Level Gunitite Worker may be the 2nd worker on the job) and 1 Entry-Level Gunitite Worker for every 4 Journeymen thereafter (the Entry-Level Gunitite Worker may not be on the job until after all 4 Journeymen are on the job).

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Housemover (Laborer)

Determination:

SC-102-507-1-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) ^c	Saturday Overtime Hourly Rate (1 ½ X) ^c ^d	Sunday/ Holiday Overtime Hourly Rate (2 X)
Housemover	\$41.43	\$8.95	\$11.62	\$5.02	\$0.75	\$0.57	8.0	\$68.34	\$89.055	\$89.055	\$109.77

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a Includes Supplemental Dues contribution.

^b Include an amount for Contract Administration Fund (\$0.07), Contract Compliance Trust Fund (\$0.30), Industry Fund (\$0.08), and Laborers Trusts' Administrative Trust Fund (\$0.06).

^c Any hours over 12 hours in a single workday are double time.

^d If the employee is unable to complete the forty (40) hours during the normal workweek, Monday through Friday, due to inclement weather or a situation beyond the employers control, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate in the same workweek.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Asbestos and Lead Abatement (Laborer) #

Determination:

SC-102-882-1-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate ^c (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Asbestos and Lead Abatement Worker	\$41.38	\$8.95	\$11.62	\$5.02	\$0.80	\$0.51	8	\$68.28	\$88.97	\$88.97	\$109.66

Note:

Asbestos Abatement must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors Abatement Registration Unit, DOSH at (916) 574-2993.

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the

[Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for supplemental dues.

^b Includes amounts for Center for Contract Compliance, Contract Administration Fund, Industry Fund, and Laborers' Trust Administrative Trust Fund.

^c Saturdays in the same work week may be worked at straight-time if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Horizontal Directional Drilling (Laborer)[#]

Determination:

SC-102-1184-1-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X) ^b	Sunday/ Holiday Overtime Hourly Rate (2 X)
Group 1 (Drilling Crew Laborer)	\$42.84	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$64.80	\$86.22	\$86.22	\$107.64
Group 2 (Vehicle Operator/ Hauler)	\$43.01	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$64.97	\$86.475	\$86.475	\$107.98
Group 3 (Horizontal Directional Drill Operator)	\$44.86	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$66.82	\$89.25	\$89.25	\$111.68
Group 4 (Electronic Tracking Locator, Subsurface Imaging Laborer)	\$46.86	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$68.82	\$92.25	\$92.25	\$115.68

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the

[Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount for Supplemental Dues.

^b In the event, due to inclement weather, major equipment breakdown, or similar Act of God, it is not reasonably possible to complete forty (40) hours of work Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773, AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: LANDSCAPE/IRRIGATION LABORER/TENDER#

Determination:

SC-102-X-14-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

July 31, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1 ½ X)	Saturday Overtime Hourly Rate ^{b c} (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Landscape/Irrigation Laborer	\$39.57	\$8.95	\$11.62	\$5.02	\$0.75	\$0.50	8.0	\$66.41	\$86.195	\$86.195	\$105.98
Landscape Hydro Seeder	\$40.67	\$8.95	\$11.62	\$5.02	\$0.75	\$0.50	8.0	\$67.51	\$87.845	\$87.845	\$108.18

Determination:

SC-102-X-14-2024-1A

Issue Date:

February 22, 2024

Expiration date of determination:

July 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date if no subsequent determination is issued.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1 ½ X)	Saturday Overtime Hourly Rate ^{b,c} (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Landscape/Irrigation Tender ^d	\$20.80	\$3.60	\$2.19	\$1.18	\$0.00	\$0.00	8.0	\$27.77	\$38.170	\$38.170	\$48.570

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

^a Includes an amount per hour worked for Supplemental Dues.

^b Rate applies to first 4 daily overtime hours and the first 12 hours on Saturday. All other time is paid at the Sunday and Holiday double-time rate.

^c Saturdays in the same work week may be worked at straight-time if adverse weather or jobsite ground conditions require that the job be shut down for one or more workdays during the regular workweek.

^d The first employee on the jobsite shall be a Landscape/Irrigation Laborer; the second employee on the jobsite must be an Apprentice or a Landscape/Irrigation Laborer; and the third and fourth employees may be Tenders. The fifth employee on the jobsite shall be a Landscape/Irrigation Laborer; the sixth employee must be an Apprentice or a Landscape/Irrigation Laborer; and the seventh and eighth employees may be Tenders. Thereafter, Tenders may be employed with Landscape/Irrigation Laborers in a 50/50 ratio on each jobsite. However, plant establishment may be performed exclusively by Landscape/Irrigation Tenders without the supervision of a Journeyman.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: TREE MAINTENANCE (LABORER) ¹

(APPLIES ONLY TO ROUTINE TREE MAINTENANCE WORK, NOT CONSTRUCTION AND/OR LANDSCAPE CONSTRUCTION) ²

Determination:

SC-102-X-20-2023-1

Issue Date:

August 22, 2023

Expiration date of determination:

June 30, 2024** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

Localities:

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Wages and Employer Payments:

Classification ^a (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate ^b (1 ½ X)	Sunday/Holiday Overtime Hourly Rate (2 X)
Senior Tree Trimmer	\$25.19	\$3.50	\$2.26	\$2.47	\$0.00	\$0.30	8.0	\$33.72	\$46.315	\$58.91
Tree Trimmer	\$23.19	\$3.50	\$2.26	\$2.27	\$0.00	\$0.30	8.0	\$31.52	\$43.115	\$54.71
Groundperson	\$21.55	\$3.50	\$2.26	\$2.12	\$0.00	\$0.30	8.0	\$29.73	\$40.505	\$51.28

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

¹ This determination does not apply to the work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period) or to tree trimming work involving line clearance.

² This determination does not apply to the work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period) or to tree trimming work involving line clearance.

^a There shall be at least one Senior Tree Trimmer on crews of three or more.

^b Monday thru Saturday shall constitute a workweek. Rate applies to first 4 overtime hours Monday thru Saturday, and all time worked in excess of forty (40) hours per workweek. All other time is paid at the Sunday and Holiday double-time rate.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

Craft: Light Fixture Maintenance

Determination:

SC-830-61-1-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within **Riverside** County. For other counties please contact the Office of the Director – Research Unit prior to Bid Advertisement at (415) 703-4774.

Wages and Employer Payments:

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1½ X)	Saturday/Sunday Overtime Hourly Rate (1½ X)	Holiday Overtime Hourly Rate (2 X)
Lighting Maintenance Service Person	\$16.00	\$0.29	\$0.00	\$0.34	\$0.00	8.0	\$16.63	\$24.63	\$24.63	\$32.63

Determination:

SC-830-61-2-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities:

All localities within **San Bernardino** County. For other counties please contact the Office of the Director – Research Unit prior to Bid Advertisement at (415) 703-4774.

Wages and Employer Payments:

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Lighting Maintenance Service Person	\$16.00	\$2.43	\$0.39	\$0.00	\$0.50	8.0	\$19.32	\$27.32	\$27.32

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

Craft: Landscape Maintenance Laborer

(Applies Only to Routine Landscape Maintenance Work, Not New Landscape Construction)^a

Determination:

SC-LML-2024-1

Issue Date:

February 22, 2024

Expiration date of determination:

March 31, 2024* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Wages and Employer Payments:

Locality	Basic Hourly Rate	Health and Welfare	Pension	Vacation	Holiday	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X)
Imperial	\$16.00	\$0.00	\$0.00	\$0.115 ^b	\$0.17	\$0.00	8.0	\$16.285 ^c	\$24.285 ^c
Inyo, Mono and San Bernardino	\$16.00	\$0.00	\$0.00	\$0.30	\$0.17	\$0.00	8.0	\$16.47	\$24.47
Kern	\$16.00	\$0.00	\$0.00	\$0.16 ^d	\$0.17	\$0.00	8.0	\$16.33 ^c	\$24.33 ^c
	\$16.00	\$0.00	\$0.00	\$0.27 ^e	\$0.46	\$0.00	8.0	\$16.73 ^c	\$24.73 ^c
Los Angeles	\$16.00	\$0.89	\$0.00	\$0.115 ^f	\$0.14	\$0.00	8.0	\$17.145 ^c	\$25.145 ^c
Orange	\$16.00	\$0.00	\$0.00	\$0.11 ^g	\$0.11	\$0.00	8.0	\$16.22 ^c	\$24.22 ^c
Riverside	\$16.00	\$0.00	\$0.00	\$0.20 ^h	\$0.16	\$0.00	8.0	\$16.36 ^c	\$24.36 ^c
San Diego	\$16.00	\$0.00	\$0.00	\$0.22	\$0.115	\$0.00	8.0	\$16.335	\$24.335
	\$16.00	\$0.00	\$0.00	\$0.24	\$0.12	\$0.00	8.0	\$16.36	\$24.36
San Luis Obispo	\$16.00	\$0.00	\$0.00	\$0.15 ⁱ	\$0.15	\$0.00	8.0	\$16.30	\$24.30
	\$16.00	\$0.00	\$0.00	\$0.16 ^j	\$0.16	\$0.00	8.0	\$16.32	\$24.32
Santa Barbara	\$16.00	\$0.00	\$0.00	\$0.12 ^k	\$0.12	\$0.00	8.0	\$16.24 ^c	\$24.24 ^c
	\$16.00	\$0.00	\$0.00	\$0.13 ^l	\$0.13	\$0.00	8.0	\$16.26 ^c	\$24.26 ^c
Ventura	\$16.00	\$0.00	\$0.00	\$0.115	\$0.16	\$0.00	8.0	\$16.275	\$24.275
	\$16.00	\$2.97	\$0.00	\$0.19 ^m	\$0.26	\$0.00	8.0	\$19.42 ^c	\$27.42 ^c

NOTE:

If there are two rates, the first rate is for routine work, the second rate is for complex work.

Recognized holidays:

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Travel and/or subsistence payment:

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

^a This determination does not apply to work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period). The following is a description of the landscape work cover under this determination:

ROUTINE – mowing, watering, pruning, trimming, weeding, spraying, occasional planting and replacement of plants and janitorial work incidental to such landscape maintenance.

COMPLEX – servicing of irrigation and sprinkler systems, repairing of equipment use in such landscape maintenance.

^b \$0.22 after 3 years of service.

^c Computation is based on the first years of employment. This rate should be increased by any applicable vacation increase as stated in other footnotes.

^d \$0.31 after 2 years of service.

^e \$0.54 after 2 years of service: \$0.81 after 3 years of service.

^f \$0.24 after 3 years of service: \$0.37 after 7 years of service.

^g \$0.22 after 4 years of service.

^h \$0.40 after 3 years of service.

ⁱ \$0.29 after 2 years of service.

^j \$0.31 after 2 years of service.

^k \$0.23 after 2 years of service.

^l \$0.27 after 2 years of service.

^m \$0.38 after 3 years of service.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1 FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

LOCALITY: SAN BERNARDINO COUNTY
DETERMINATION: SBR-2024-1

CRAFT	CLASSIFICATION	CRAFT FOOTNOTE	ISSUE DATE	EXPIRATION DATE	BASIC HOURLY RATE	BASIC HOURLY RATE FOOTNOTE	HEALTH AND WELFARE	HEALTH AND WELFARE FOOTNOTE	PENSION	PENSION FOOTNOTE	VACATION/HOLIDAY	VACATION/HOLIDAY FOOTNOTE	TRAINING	TRAINING FOOTNOTE	OTHER PAYMENTS	OTHER PAYMENTS FOOTNOTE	HOURS	HOURS FOOTNOTE	STRAIGHT-TIME TOTAL HOURLY RATE	DAILY OVERTIME HOURLY RATE	DAILY OVERTIME HOURLY RATE FOOTNOTE	SATURDAY OVERTIME HOURLY RATE	SATURDAY OVERTIME HOURLY RATE FOOTNOTE	SUNDAY AND HOLIDAY OVERTIME HOURLY RATE	SUNDAY AND HOLIDAY OVERTIME HOURLY RATE FOOTNOTE
#BRICKLAYER:	BRICKLAYER, CEMENT BLOCKLAYER, POINTER, CAULKER, CLEANER		02/22/2024	04/30/2024**	\$47.200	A	\$9.250		\$9.480		\$0.000		\$1.180	B	\$0.850		8.0	C	\$67.960	\$91.560	D	\$91.560	D	\$115.160	
#BRICKLAYER:	STONEMASON, MARBLE MASON		02/22/2024	04/30/2024**	\$47.200	A	\$9.250		\$9.480		\$0.000		\$1.180	B	\$0.450		8.0	C	\$67.560	\$91.160	D	\$91.160	D	\$114.760	
#BRICKLAYER:	MASON FINISHER		02/22/2024	04/30/2024**	\$42.480	A	\$9.250		\$9.480		\$0.000		\$1.130	B	\$0.450		8.0	C	\$62.790	\$84.030	D	\$84.030	D	\$105.270	
#BRICK TENDER		E	08/22/2023	06/30/2024**	\$39.530		\$8.950		\$9.470	E	\$4.400	G	\$0.750		\$0.450		8.0	C	\$63.550	\$83.320		\$83.320		\$103.080	
#BRICK TENDER	FORKLIFT OPERATOR		08/22/2023	06/30/2024**	\$39.980		\$8.950		\$9.470	E	\$4.400	G	\$0.750		\$0.450		8.0	C	\$64.000	\$83.990		\$83.990		\$103.980	
#CARPET, LINOLEUM,	RESILIENT TILE LAYER		02/22/2024	12/31/2024**	\$43.200	H	\$8.780		\$6.050		\$2.520		\$0.680		\$0.280		8.0		\$61.510	\$83.110		\$83.110	I	\$104.710	
CARPET, LINOLEUM,	MATERIAL HANDLER	J	02/22/2024	12/31/2024**	\$17.280	H	\$8.780		\$2.140		\$1.020		\$0.680		\$0.280		8.0		\$30.180	\$38.820		\$38.820	K	\$47.460	
#DRYWALL FINISHER			08/22/2023	08/31/2024**	\$47.880	H	\$8.850		\$10.230		\$5.070		\$0.920		\$1.120		8.0		\$74.070	\$98.010		\$98.010	L	\$121.950	
#ELECTRICIAN:	SOUND INSTALLER		02/22/2024	06/30/2024**	\$42.720		\$10.720		\$7.050	M	\$0.000		\$0.650		\$0.300	N	8.0		\$62.720	\$84.720	Q	\$84.720	Q	\$106.720	
#ELECTRICIAN:	INSIDE WIREMAN (ZONE A)	P	08/22/2023	05/31/2024*	\$51.000	Q	\$11.060		\$14.540	M	\$0.000		\$0.780		\$0.260	R	8.0		\$79.550	\$105.950	S	\$105.950	S	\$132.340	
#ELECTRICIAN:	INSIDE WIREMAN (ZONE B)	I	08/22/2023	05/31/2024*	\$67.700	Q	\$11.060		\$14.540	M	\$0.000		\$0.880		\$0.340	U	8.0		\$97.030	\$132.070	S	\$132.070	S	\$167.100	
#ELECTRICIAN:	CABLE SPLICER (ZONE A)	P	08/22/2023	05/31/2024*	\$53.550	Q	\$11.060		\$14.540	M	\$0.000		\$0.780		\$0.270	R	8.0		\$82.190	\$109.900	S	\$109.900	S	\$137.610	
#ELECTRICIAN:	CABLE SPLICER (ZONE B)	I	08/22/2023	05/31/2024*	\$71.090	Q	\$11.060		\$14.540	M	\$0.000		\$0.880		\$0.360	U	8.0		\$100.540	\$137.330	S	\$137.330	S	\$174.130	
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE A)	P	08/22/2023	05/31/2024*	\$56.100	Q	\$11.060		\$14.540	M	\$0.000		\$0.780		\$0.280	R	8.0		\$84.820	\$113.850	S	\$113.850	S	\$142.890	
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE B)	I	08/22/2023	05/31/2024*	\$74.470	Q	\$11.060		\$14.540	M	\$0.000		\$0.880		\$0.370	U	8.0		\$104.030	\$142.570	S	\$142.570	S	\$181.110	
#FIELD SURVEYOR:	CHIEF OF PARTY (018.167-010)	V	02/22/2024	09/30/2024**	\$61.510		\$12.850		\$14.650		\$5.070	G	\$1.150		\$0.150		8.0		\$95.380	\$126.140	Q	\$126.140	Q	\$156.890	
#FIELD SURVEYOR:	INSTRUMENTMAN (018.167-034)	V	02/22/2024	09/30/2024**	\$55.860		\$12.850		\$14.650		\$4.900	G	\$1.150		\$0.150		8.0		\$89.560	\$117.490	Q	\$117.490	Q	\$145.420	
#FIELD SURVEYOR:	CHAINMAN/RODMAN (889.567-010)	V	02/22/2024	09/30/2024**	\$55.280		\$12.850		\$14.650		\$4.850	G	\$1.150		\$0.150		8.0		\$88.930	\$116.570	Q	\$116.570	Q	\$144.210	
#GLAZIER			08/22/2023	05/31/2024**	\$55.500	W	\$8.700	X	\$15.550		\$0.000	Y	\$0.770		\$1.180		8.0		\$81.700	\$106.950	Z	\$106.950	Z	\$132.200	
#MARBLE FINISHER			02/22/2024	05/31/2024**	\$40.210	AA	\$9.250		\$5.020		\$0.000		\$1.010		\$0.450		8.0		\$55.940	\$76.050	AB	\$76.050	AC	\$96.150	AD
#PAINTER:	PAINTER, LEAD ABATEMENT	AE	02/22/2024	06/30/2024**	\$38.520	Q	\$9.200		\$5.640		\$3.050		\$0.750		\$1.010		8.0		\$58.170	\$77.430	AF	\$77.430	AF	\$96.690	
#PAINTER:	INDUSTRIAL PAINTER	AE	02/22/2024	06/30/2024**	\$41.420	Q	\$9.200		\$5.640		\$3.350		\$0.850		\$1.010		8.0		\$61.470	\$82.180	AF	\$82.180	AF	\$102.890	
PAINTER:	GRAFFITI REMOVAL WORKER, JOURNEYMAN (APPLIES ONLY TO PAINT-OVER METHOD)	AG	02/22/2024	01/31/2025*	\$29.000	AA	\$8.500		\$1.000		\$1.000		\$0.750		\$0.000		8.0		\$40.250	\$54.750		\$54.750	K	\$69.250	
PAINTER:	GRAFFITI REMOVAL WORKER 1 (APPLIES ONLY TO PAINT-OVER METHOD)	AH	02/22/2024	01/31/2025*	\$19.500	AA	\$8.500		\$1.000		\$1.000		\$0.750		\$0.000		8.0		\$30.750	\$40.500		\$40.500	K	\$50.250	
PAINTER:	GRAFFITI REMOVAL WORKER 2 (APPLIES ONLY TO PAINT-OVER METHOD)	AI	02/22/2024	01/31/2025*	\$20.370	AA	\$8.500		\$1.000		\$1.000		\$0.750		\$0.000		8.0		\$31.620	\$41.810		\$41.810	K	\$51.990	
#PLASTERER			08/22/2023	07/31/2024**	\$42.430		\$9.630		\$9.620		\$7.090	AJ	\$1.490		\$1.190		8.0	AK	\$71.450	\$92.670	AE	\$92.670	AL	\$113.880	
#PLASTER TENDER		AM	02/22/2024	08/06/2024**	\$43.620		\$8.950		\$11.020		\$5.300	AN	\$1.150		\$0.960		8.0		\$71.000	\$92.810	AQ	\$92.810	AP	\$114.620	
PLASTER TENDER	PLASTER CLEAN-UP LABORER		02/22/2024	08/06/2024**	\$41.070		\$8.950		\$11.020		\$5.300	AN	\$1.150		\$0.960		8.0		\$68.450	\$88.990	AQ	\$88.990	AP	\$109.520	
#PLUMBER:	PLUMBER, INDUSTRIAL AND GENERAL PIPEFITTER		08/22/2023	08/31/2024**	\$57.180	AQ	\$9.260		\$14.300	AR	\$0.000	AS	\$2.950		\$1.500	AT	8.0		\$85.190	\$112.860	D	\$112.860	D	\$138.820	
#PLUMBER:	SEWER AND STORM DRAIN PIPELAYER		08/22/2023	08/31/2024**	\$44.290	AQ	\$9.150		\$11.450	AR	\$0.000	AS	\$2.680		\$1.500	AT	8.0		\$69.070	\$90.290		\$90.290	AU	\$110.830	
PLUMBER:	SEWER AND STORM DRAIN PIPE TRADESMAN	AV	08/22/2023	08/31/2024**	\$21.850	AW	\$9.400		\$0.380		\$0.000		\$1.760		\$1.350	AT	8.0		\$34.740	\$44.740		\$44.740	AU	\$54.740	
#PLUMBER:	SERVICE & REPAIR (PLUMBER/HVAC-FITTER)		08/22/2023	08/31/2024**	\$55.450	AQ	\$9.260		\$13.990	AR	\$0.000	AS	\$2.280		\$1.500	AT	8.0		\$82.480	\$109.280		\$109.280	AX	\$134.380	AY
#PLUMBER:	LANDSCAPE/IRRIGATION FITTER		08/22/2023	08/31/2024**	\$40.200	AA	\$9.260		\$14.300	AR	\$0.000	AS	\$2.340		\$1.300	AT	8.0		\$67.400	\$87.500		\$87.500	AU	\$106.170	
PLUMBER:	LANDSCAPE/IRRIGATION TRADESMAN	AZ	08/22/2023	08/31/2024**	\$18.590	AA	\$3.000		\$1.160	AR	\$0.000		\$0.100		\$1.100	AT	8.0		\$23.950	\$33.250		\$33.250	AU	\$42.540	
#PLUMBER:	FIRE SPRINKLER FITTER (PROTECTION AND CONTROL SYSTEMS, OVERHEAD AND UNDERGROUND)	BA	02/22/2024	12/31/2024**	\$45.310		\$11.910		\$15.460	BB	\$0.000		\$0.540		\$0.250		8.0		\$73.470	\$96.130		\$96.130		\$118.780	
#PLUMBER:	FIRE SPRINKLER FITTER (PROTECTION AND CONTROL SYSTEMS, OVERHEAD AND	BC	02/22/2024	08/31/2024**	\$54.300		\$11.910		\$19.050		\$0.000	BD	\$1.600		\$0.450	BE	8.0		\$87.310	\$114.460	BE	\$114.460	BE	\$141.610	

AM THE RATIO OF PLASTER TENDERS TO PLASTERERS SHALL BE AS FOLLOWS: THERE SHALL BE A PLASTER TENDER ON THE JOBSITE WHENEVER THERE IS A PLASTERER PERFORMING WORK ON THE JOBSITE, EXCEPT ON SMALL PATCH WORK WHERE ONLY ONE PLASTERER IS PERFORMING WORK. FOR INSIDE BROWN COATINGS THERE SHALL BE 2 PLASTER TENDERS FOR UP TO EVERY 3 PLASTERERS. FOR INSIDE FINISH COATINGS THERE SHALL BE 1 PLASTER TENDER FOR UP TO EVERY 3 PLASTERERS. ON OUTSIDE FINISH AND BROWN COATINGS AND FOR ALL OTHER WORK, THERE SHALL BE 1 PLASTER TENDER FOR UP TO EVERY 2 PLASTERERS.

AN INCLUDES AN AMOUNT PER HOUR WORKED OR PAID FOR SUPPLEMENTAL DUES.

AO ALL WORK PERFORMED AFTER TWELVE (12) HOURS IN A DAY SHALL BE PAID AT THE SUNDAY/HOLIDAY RATE.

AP RATE APPLIES TO THE FIRST EIGHT HOURS ON SATURDAY. ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME RATE. SATURDAY WORK MAY BE PAID AT THE STRAIGHT TIME RATE IF THE JOB IS SHUT DOWN DURING THE NORMAL WORK WEEK DUE TO INCLEMENT WEATHER.

AQ INCLUDES AN AMOUNT WITHHELD FOR ADMINISTRATIVE DUES WHICH IS NOT FACTORED INTO OVERTIME AND AN AMOUNT FOR VACATION WHICH IS FACTORED AT 1.5 TIMES FOR ALL OVERTIME.

AR INCLUDES AMOUNT FOR NATIONAL PENSION AND RETIREE'S X-MAS FUND.

AS AMOUNT INCLUDED IN BASIC HOURLY RATE AND FACTORED AT 1.5 TIMES FOR ALL OVERTIME.

AT INCLUDES AN AMOUNT FOR THE P.I.P.E. LABOR MANAGEMENT COOPERATION COMMITTEE AND THE CONTRACTOR EDUCATION & DEVELOPMENT FUND.

AU SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORKWEEK DUE TO INCLEMENT WEATHER.

AV PIPE TRADESMEN SHALL NOT BE PERMITTED ON ANY JOB WITHOUT A JOURNEYMAN.

AW INCLUDES AN AMOUNT WITHHELD FOR ADMINISTRATIVE DUES WHICH IS NOT FACTORED IN THE OVERTIME RATES.

AX SATURDAY MAY BE WORKED AT STRAIGHT-TIME RATE, PROVIDED THAT THE HOURS DO NOT EXCEED 8 HOURS PER DAY OR 40 HOURS PER WEEK.

AY DOUBLE TIME SHALL BE PAID FOR NEW YEAR'S DAY, EASTER SUNDAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS.

AZ TRADESMEN SHALL ONLY BE USED IF THE FIRST WORKER ON THE JOB IS A LANDSCAPE/IRRIGATION FITTER, SECOND WORKER MUST BE A LANDSCAPE/IRRIGATION FITTER OR APPRENTICE LANDSCAPE/IRRIGATION FITTER. THE 3RD AND 4TH MAY BE A TRADESMAN. THE 5TH MUST BE A LANDSCAPE/IRRIGATION FITTER AND THEREAFTER TRADESMEN WILL BE REFERRED ON A 50-50 BASIS, TO JOURNEYMAN OR APPRENTICE.

BA RATE APPLIES TO REMAINDER OF COUNTY.

BB INCLUDES AN AMOUNT FOR SUPPLEMENTAL PENSION FUND.

BC APPLIES TO THE CITIES OF ONTARIO AND MONTCLAIR.

BD INCLUDED IN STRAIGHT-TIME HOURLY RATE.

BE AMOUNT IS FOR INDUSTRY PROMOTION FUND AND P.I.P.E. FUND.

BF RATE APPLIES TO THE FIRST 4 DAILY OVERTIME HOURS AND THE FIRST 10 HOURS ON SATURDAY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

BG INCLUDE AMOUNTS FOR DUES CHECK OFF AND VACATION/HOLIDAY, WHICH ARE NOT FACTORED INTO OVERTIME.

BH INCLUDED IN BASIC HOURLY RATE. VACATION IS NOT FACTORED INTO OVERTIME.

BI INCLUDE AMOUNTS FOR ADMINISTRATIVE FUND, COMPLIANCE FUND, INDUSTRY FUND, AND RESEARCH AND EDUCATION TRUST FUND.

BJ RATE APPLIES TO THE FIRST 2 DAILY OVERTIME HOURS AND THE FIRST 10 HOURS ON SATURDAY; SUNDAY AND HOLIDAY OVERTIME HOURLY RATE WILL BE PAID AFTER 10 HOURS PER DAY AND ALL HOURS WORKED OVER 55 HOURS PER WEEK.

BK PURSUANT TO LABOR CODE SECTIONS 1773.1 AND 1773.8, THE AMOUNT PAID FOR THIS EMPLOYER PAYMENT MAY VARY RESULTING IN A LOWER TAXABLE BASIC HOURLY WAGE RATE, BUT THE TOTAL HOURLY RATES FOR STRAIGHT TIME AND OVERTIME MAY NOT BE LESS THAN THE GENERAL PREVAILING RATE OF PER DIEM WAGES.

BL RATE APPLIES FOR THE FIRST 4 OVERTIME HOURS MONDAY THROUGH FRIDAY AND THE FIRST 12 HOURS WORKED ON SATURDAY. ALL OTHER TIME IS PAID AT THE SUNDAY/HOLIDAY RATE. SATURDAYS IN THE SAME WORKWEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORKWEEK DUE TO INCLEMENT WEATHER.

BM RATE APPLIES TO THE FIRST 8 HOURS WORKED ON A SIXTH OR SEVENTH CONSECUTIVE DAY DURING ANY ONE CALENDAR WEEK UP TO 50 HOURS IN ANY ONE CALENDAR WEEK. ALL OTHER TIME IS PAID AT THE HOLIDAY RATE.

RECOGNIZED HOLIDAYS: HOLIDAYS UPON WHICH THE GENERAL PREVAILING HOURLY WAGE RATE FOR HOLIDAY WORK SHALL BE PAID, SHALL BE ALL HOLIDAYS IN THE COLLECTIVE BARGAINING AGREEMENT, APPLICABLE TO THE PARTICULAR CRAFT, CLASSIFICATION, OR TYPE OF WORKER EMPLOYED ON THE PROJECT, WHICH IS ON FILE WITH THE DIRECTOR OF INDUSTRIAL RELATIONS. IF THE PREVAILING RATE IS NOT BASED ON A COLLECTIVELY BARGAINED RATE, THE HOLIDAYS UPON WHICH THE PREVAILING RATE SHALL BE PAID SHALL BE AS PROVIDED IN SECTION 6700 OF THE GOVERNMENT CODE. YOU MAY OBTAIN THE HOLIDAY PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm](http://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm). HOLIDAY PROVISIONS FOR THE CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE: IN ACCORDANCE WITH LABOR CODE SECTIONS 1773.1 AND 1773.9, CONTRACTORS SHALL MAKE TRAVEL AND/OR SUBSISTENCE PAYMENTS TO EACH WORKER TO EXECUTE THE WORK. YOU MAY OBTAIN THE TRAVEL AND/OR SUBSISTENCE PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm](http://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm). TRAVEL AND/OR SUBSISTENCE REQUIREMENTS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

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GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1 FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

LOCALITY: SAN BERNARDINO COUNTY

DETERMINATION: SBR-2024-1

CRAFT	CLASSIFICATION	CRAFT FOOTNOTE	ISSUE DATE	EXPIRATION DATE	BASIC HOURLY RATE	BASIC HOURLY RATE FOOTNOTE	HEALTH AND WELFARE	HEALTH AND WELFARE FOOTNOTE	PENSION	PENSION FOOTNOTE	VACATION/HOLIDAY	VACATION/HOLIDAY FOOTNOTE	TRAINING	TRAINING FOOTNOTE	OTHER PAYMENTS	OTHER PAYMENTS FOOTNOTE	HOURS	HOURS FOOTNOTE	STRAIGHT-TIME TOTAL HOURLY RATE	DAILY OVERTIME HOURLY RATE	DAILY OVERTIME HOURLY RATE FOOTNOTE	SATURDAY OVERTIME HOURLY RATE	SATURDAY OVERTIME HOURLY RATE FOOTNOTE	SUNDAY AND HOLIDAY OVERTIME HOURLY RATE	SUNDAY AND HOLIDAY OVERTIME HOURLY RATE FOOTNOTE
#CARPET, LINOLEUM,	RESILIENT TILE LAYER - SECOND SHIFT		02/22/2024	12/31/2024**	\$51.840	A	\$8.780		\$6.050		\$2.520		\$0.680		\$0.280		8.0		\$70.150	\$96.070		\$96.070		\$121.990	
CARPET, LINOLEUM,	MATERIAL HANDLER - SECOND SHIFT	B	02/22/2024	12/31/2024**	\$20.740	A	\$8.780		\$2.140		\$1.020		\$0.680		\$0.280		8.0		\$33.640	\$44.010		\$44.010		\$54.380	
#ELECTRICIAN:	SOUND INSTALLER 2ND SHIFT		02/22/2024	06/30/2024**	\$50.110		\$10.720		\$7.050	C	\$0.000		\$0.650		\$0.300	D	8.0		\$70.330	\$96.140	E	\$96.140	E	\$121.950	G
#ELECTRICIAN:	SOUND INSTALLER 3RD SHIFT		02/22/2024	06/30/2024**	\$56.130		\$10.720		\$7.050	C	\$0.000		\$0.650		\$0.300	D	8.0		\$76.530	\$105.440	E	\$105.440	E	\$134.350	G
#ELECTRICIAN:	INSIDE WIREMAN (ZONE A) 2ND SHIFT	H	08/22/2023	05/31/2024*	\$59.820	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.200	J	8.0		\$88.670	\$119.630		\$119.630	K	\$150.590	G
#ELECTRICIAN:	INSIDE WIREMAN (ZONE A) 3RD SHIFT	H	08/22/2023	05/31/2024*	\$67.010	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.340	J	8.0		\$96.120	\$130.800		\$130.800	K	\$165.480	G
#ELECTRICIAN:	INSIDE WIREMAN (ZONE B) 2ND SHIFT	L	08/22/2023	05/31/2024*	\$79.410	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.400	M	8.0		\$109.150	\$150.250		\$150.250	K	\$191.340	G
#ELECTRICIAN:	INSIDE WIREMAN (ZONE B) 3RD SHIFT	L	08/22/2023	05/31/2024*	\$88.960	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.440	M	8.0		\$119.030	\$165.060		\$165.060	K	\$211.100	G
#ELECTRICIAN:	CABLE SPICER (ZONE B) 2ND SHIFT	L	08/22/2023	05/31/2024*	\$83.380	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.420	M	8.0		\$113.260	\$156.410		\$156.410	K	\$199.560	G
#ELECTRICIAN:	CABLE SPICER (ZONE B) 3RD SHIFT	L	08/22/2023	05/31/2024*	\$93.410	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.470	M	8.0		\$123.640	\$171.980		\$171.980	K	\$220.320	G
#ELECTRICIAN:	CABLE SPICER (ZONE A) 2ND SHIFT	H	08/22/2023	05/31/2024*	\$62.810	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.310	J	8.0		\$91.760	\$124.270		\$124.270	K	\$156.770	G
#ELECTRICIAN:	CABLE SPICER (ZONE A) 3RD SHIFT	H	08/22/2023	05/31/2024*	\$70.360	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.350	J	8.0		\$99.580	\$135.990		\$135.990	K	\$172.400	G
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE A) 2ND SHIFT	H	08/22/2023	05/31/2024*	\$65.810	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.330	J	8.0		\$94.870	\$128.930		\$128.930	K	\$162.990	G
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE A) 3RD SHIFT	H	08/22/2023	05/31/2024*	\$73.720	I	\$11.060		\$14.540	C	\$0.000		\$0.780		\$0.370	J	8.0		\$103.060	\$141.210		\$141.210	K	\$179.360	G
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE B) 2ND SHIFT	L	08/22/2023	05/31/2024*	\$87.350	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.440	M	8.0		\$117.370	\$162.580		\$162.580	K	\$207.780	G
#ELECTRICIAN:	TUNNEL WIREMAN (ZONE B) 3RD SHIFT	L	08/22/2023	05/31/2024*	\$97.850	I	\$11.060		\$14.540	C	\$0.000		\$0.880		\$0.490	M	8.0		\$128.240	\$178.870		\$178.870	K	\$229.510	G
#PAINTER:	PAINTER, LEAD ABATEMENT (2ND SHIFT)	N	02/22/2024	06/30/2024**	\$43.340	I	\$9.200		\$5.640		\$3.050		\$0.750		\$1.010		8.0		\$62.990	\$84.660	Q	\$84.660	Q	\$106.330	
#PAINTER:	INDUSTRIAL PAINTER (2ND SHIFT)	N	02/22/2024	06/30/2024**	\$46.600	I	\$9.200		\$5.640		\$3.350		\$0.850		\$1.010		8.0		\$66.650	\$89.950	Q	\$89.950	Q	\$113.250	
#PLUMBER:	PLUMBER, INDUSTRIAL AND GENERAL PIPEFITTER (2ND SHIFT)		08/22/2023	08/31/2024**	\$65.250	P	\$9.260		\$14.300	Q	\$0.000	R	\$2.950		\$1.500	S	8.0	I	\$93.260	\$124.960	U	\$124.960	U	\$154.960	
#PLUMBER:	SEWER AND STORM DRAIN PIPELAYER (2ND SHIFT)		08/22/2023	08/31/2024**	\$50.730	P	\$9.150		\$11.450	Q	\$0.000	R	\$2.680		\$1.500	S	8.0	I	\$75.510	\$99.950		\$99.950	V	\$123.710	
PLUMBER:	SEWER AND STORM DRAIN PIPE TRADESMAN (2ND SHIFT)	W	08/22/2023	08/31/2024**	\$25.130	X	\$9.400		\$0.380		\$0.000		\$1.760		\$1.350	S	8.0	I	\$38.020	\$49.660		\$49.660	Y	\$61.300	
#PLUMBER:	SERVICE & REPAIR (PLUMBER/HVAC-FITTER) (2ND SHIFT)		08/22/2023	08/31/2024**	\$63.260	P	\$9.260		\$13.990	Q	\$0.000	R	\$2.280		\$1.500	S	8.0	I	\$90.290	\$121.000		\$121.000	Y	\$150.000	Z
#PLUMBER:	LANDSCAPE/IRRIGATION FITTER SECOND SHIFT		08/22/2023	08/31/2024**	\$45.800	AA	\$9.260		\$14.300	Q	\$0.000	R	\$2.340		\$1.300	S	8.0	I	\$73.000	\$95.900		\$95.900	Y	\$117.370	
PLUMBER:	LANDSCAPE/IRRIGATION TRADESMAN SECOND SHIFT	AB	08/22/2023	08/31/2024**	\$21.380	AA	\$3.000		\$1.160	Q	\$0.000		\$0.100		\$1.100	S	8.0	I	\$26.740	\$37.430		\$37.430	Y	\$48.120	
#PLUMBER:	FIRE SPRINKLER FITTER (PROTECTION AND CONTROL SYSTEMS, OVERHEAD AND UNDERGROUND)- 2ND SHIFT	AC	02/22/2024	08/31/2024**	\$62.450		\$11.910		\$19.050		\$0.000	AD	\$1.600		\$0.450	AE	8.0		\$95.460	\$126.690	AF	\$126.690	AF	\$157.910	

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FOOTNOTES

- * EFFECTIVE UNTIL SUPERSEDED BY A NEW DETERMINATION ISSUED BY THE DIRECTOR OF INDUSTRIAL RELATIONS. CONTACT THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774 FOR THE NEW RATES AFTER TEN DAYS AFTER THE EXPIRATION DATE IF NO SUBSEQUENT DETERMINATION IS ISSUED.
- ** THE RATE TO BE PAID FOR WORK PERFORMED AFTER THIS DATE HAS BEEN DETERMINED. IF WORK WILL EXTEND PAST THIS DATE, THE NEW RATE MUST BE PAID AND SHOULD BE INCORPORATED IN CONTRACTS ENTERED INTO NOW. CONTACT THE OFFICE OF THE DIRECTOR RESEARCH UNIT FOR SPECIFIC RATES AT (415) 703-4774.
- # INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET @ [HTTP://WWW.DIR.CA.GOV/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP).
- & THE BASIC HOURLY RATE AND EMPLOYER PAYMENTS ARE NOT TAKEN FROM A COLLECTIVE BARGAINING AGREEMENT FOR THIS CRAFT OR CLASSIFICATION.
- A INCLUDES AMOUNT WITHHELD FOR DUES CHECK OFF.
- B A MATERIAL HANDLER MAY BE UTILIZED IN RATIO OF ONE (1) MATERIAL HANDLER WITH ANY FIVE (5) JOURNEYMEN ON ANY GIVEN PROJECT.
- C IN ADDITION, AN AMOUNT EQUAL TO 3% OF THE BASIC HOURLY RATE IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE NATIONAL EMPLOYEES BENEFIT BOARD.
- D INCLUDES AN AMOUNT FOR THE NATIONAL LABOR-MANAGEMENT COOPERATION FUND AND THE ADMINISTRATIVE MAINTENANCE FUND.
- E RATE APPLIES TO THE FIRST 4 DAILY OVERTIME HOURS; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY NON-SHIFT DIFFERENTIAL OVERTIME HOURLY RATE.

- F DISREGARD THIS RATE. FOR THE FIRST 12 HOURS OF WORK PERFORMED ON SATURDAY, USE THE SATURDAY NON-SHIFT DIFFERENTIAL RATE FOR THIS CLASSIFICATION AS PUBLISHED IN THE DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS.
- G DISREGARD THIS RATE. USE THE SUNDAY AND HOLIDAY NON-SHIFT DIFFERENTIAL RATE FOR THIS CLASSIFICATION AS PUBLISHED IN THE DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS.
- H ZONE A IS DEFINED AS THE PORTION OF SAN BERNARDINO COUNTY 80 ROAD MILES FROM SAN BERNARDINO CITY HALL AT 290 N D STREET IN SAN BERNARDINO, CA 93401.
- I INCLUDES AMOUNT WITHHELD FOR WORKING DUES.
- J IN ADDITION TO THE AMOUNT SHOWN, WHICH IS FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER FOR EACH OVERTIME HOUR, \$0.38 IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE LABOR MANAGEMENT COOPERATION COMMITTEE FUND. AMOUNT FOR LABOR MANAGEMENT COOPERATION COMMITTEE FUND IS NOT FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER
- K DISREGARD THIS RATE. USE THE SATURDAY NON-SHIFT DIFFERENTIAL RATE FOR THIS CLASSIFICATION AS PUBLISHED IN THE DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS.
- L ZONE B INCLUDES ALL OF INYO AND MONO COUNTY AND THE PORTION OF SAN BERNARDINO COUNTY OVER 80 MILES FROM SAN BERNARDINO CITY HALL AT 290 NORTH D STREET IN SAN BERNARDINO, CA 93401.
- M IN ADDITION TO THE AMOUNT SHOWN, WHICH IS FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER FOR EACH OVERTIME HOUR, \$0.48 IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE LABOR MANAGEMENT COOPERATION COMMITTEE FUND. AMOUNT FOR LABOR MANAGEMENT COOPERATION COMMITTEE FUND IS NOT FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER
- N AN ADDITIONAL \$0.25 PER HOUR WILL BE ADDED TO THE BASIC HOURLY RATE WHEN PERFORMING PAPERHANGING WORK.
- O DOUBLE TIME SHALL BE PAID FOR ALL HOURS WORKED OVER 12 HOURS IN ANY ONE DAY.
- P INCLUDES AN AMOUNT WITHHELD FOR ADMINISTRATIVE DUES WHICH IS NOT FACTORED INTO OVERTIME AND AN AMOUNT FOR VACATION WHICH IS FACTORED AT 1.5 TIMES FOR ALL OVERTIME.
- Q INCLUDES AMOUNT FOR NATIONAL PENSION AND RETIREE'S X-MAS FUND.
- R AMOUNT INCLUDED IN BASIC HOURLY RATE AND FACTORED AT 1.5 TIMES FOR ALL OVERTIME.
- S INCLUDES AN AMOUNT FOR THE P.I.P.E. LABOR MANAGEMENT COOPERATION COMMITTEE AND THE CONTRACTOR EDUCATION & DEVELOPMENT FUND.
- T WHEN THERE IS A BONA FIDE JOB REQUIREMENT BY THE AWARDING BODY FOR WORK TO BE PERFORMED DURING HOURS TYPICALLY ASSOCIATED WITH A SWING OR GRAVEYARD SHIFT, A SPECIAL SINGLE SHIFT MAY BE WORKED AND PAID AT THE NON-SHIFT STRAIGHT TIME RATE FOR THE FIRST 8 HOURS DAILY.
- U RATE APPLIES TO THE FIRST 2 DAILY OVERTIME HOURS AND THE FIRST 10 HOURS ON SATURDAY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.
- V SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORKWEEK DUE TO INCLEMENT WEATHER.
- W PIPE TRADESMEN SHALL NOT BE PERMITTED ON ANY JOB WITHOUT A JOURNEYMAN.
- X INCLUDES AN AMOUNT WITHHELD FOR ADMINISTRATIVE DUES WHICH IS NOT FACTORED IN THE OVERTIME RATES.
- Y SATURDAY MAY BE WORKED AT STRAIGHT-TIME RATE, PROVIDED THAT THE HOURS DO NOT EXCEED 8 HOURS PER DAY OR 40 HOURS PER WEEK.
- Z DOUBLE TIME SHALL BE PAID FOR NEW YEAR'S DAY, EASTER SUNDAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS.
- AA INCLUDES AMOUNT WITHHELD FOR ADMINISTRATIVE DUES.
- AB TRADESMEN SHALL ONLY BE USED IF THE FIRST WORKER ON THE JOB IS A LANDSCAPE/IRRIGATION FITTER, SECOND WORKER MUST BE A LANDSCAPE/IRRIGATION FITTER OR APPRENTICE LANDSCAPE/IRRIGATION FITTER. THE 3RD AND 4TH MAY BE A TRADESMAN. THE 5TH MUST BE A LANDSCAPE/IRRIGATION FITTER AND THEREAFTER TRADESMEN WILL BE REFERRED ON A 50-50 BASIS, TO JOURNEYMAN OR APPRENTICE.
- AC APPLIES TO THE CITIES OF ONTARIO AND MONTCLAIR.
- AD INCLUDED IN STRAIGHT-TIME HOURLY RATE.
- AE AMOUNT IS FOR INDUSTRY PROMOTION FUND AND P.I.P.E. FUND.
- AF RATE APPLIES TO THE FIRST 4 DAILY OVERTIME HOURS AND THE FIRST 10 HOURS ON SATURDAY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

RECOGNIZED HOLIDAYS: HOLIDAYS UPON WHICH THE GENERAL PREVAILING HOURLY WAGE RATE FOR HOLIDAY WORK SHALL BE PAID, SHALL BE ALL HOLIDAYS IN THE COLLECTIVE BARGAINING AGREEMENT, APPLICABLE TO THE PARTICULAR CRAFT, CLASSIFICATION, OR TYPE OF WORKER EMPLOYED ON THE PROJECT, WHICH IS ON FILE WITH THE DIRECTOR OF INDUSTRIAL RELATIONS. IF THE PREVAILING RATE IS NOT BASED ON A COLLECTIVELY BARGAINED RATE, THE HOLIDAYS UPON WHICH THE PREVAILING RATE SHALL BE PAID SHALL BE AS PROVIDED IN SECTION 6700 OF THE GOVERNMENT CODE. YOU MAY OBTAIN THE HOLIDAY PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm](http://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm). HOLIDAY PROVISIONS FOR THE CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE: IN ACCORDANCE WITH LABOR CODE SECTIONS 1773.1 AND 1773.9, CONTRACTORS SHALL MAKE TRAVEL AND/OR SUBSISTENCE PAYMENTS TO EACH WORKER TO EXECUTE THE WORK. YOU MAY OBTAIN THE TRAVEL AND/OR SUBSISTENCE PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm](http://WWW.DIR.CA.GOV/OPRL/DPreWageDetermination.htm). TRAVEL AND/OR SUBSISTENCE REQUIREMENTS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

[Return to main page](#)

"General Decision Number: CA20230026 03/17/2023

Superseded General Decision Number: CA20220026

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

County: San Bernardino County in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all

	hours spent performing on that contract in 2023.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/06/2023
1	01/13/2023
2	01/20/2023
3	02/10/2023
4	03/17/2023

ASBE0005-002 07/04/2022

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems).....	\$ 49.58	25.27
Fire Stop Technician (Application of Firestopping Materials for wall openings and penetrations in walls, floors, ceilings and curtain walls).....	\$ 32.09	19.66

ASBE0005-004 07/04/2022

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal,		

scrapping, vacuuming, bagging
and disposing of all
insulation materials from
mechanical systems, whether
they contain asbestos or not)....\$ 23.52 13.37

BOIL0092-003 01/01/2021

	Rates	Fringes
BOILERMAKER.....	\$ 46.03	38.81

* BRCA0004-011 05/01/2020

	Rates	Fringes
BRICKLAYER; MARBLE SETTER.....	\$ 41.48	18.63

*The wage scale for prevailing wage projects performed in
Blythe, China lake, Death Valley, Fort Irwin, Twenty-Nine
Palms, Needles and 1-15 corridor (Barstow to the Nevada
State Line) will be Three Dollars (\$3.00) above the
standard San Bernardino/Riverside County hourly wage rate

BRCA0018-004 06/01/2022

	Rates	Fringes
MARBLE FINISHER.....	\$ 37.87	14.13
TILE FINISHER.....	\$ 32.44	12.54
TILE LAYER.....	\$ 45.05	18.33

BRCA0018-010 09/01/2022

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 38.37	14.13
TERRAZZO WORKER/SETTER.....	\$ 46.49	14.66

CARP0213-001 07/01/2021

	Rates	Fringes
CARPENTER (1) Carpenter, Cabinet Installer, Insulation Installer, Hardwood Floor Worker and acoustical		

installer.....	\$ 51.60	16.28
(2) Millwright.....	\$ 52.10	16.48
(3) Piledrivermen/Derrick Bargeman, Bridge or Dock Carpenter, Heavy Framer, Rock Bargeman or Scowman, Rockslinger, Shingler (Commercial).....	\$ 51.73	16.28
(4) Pneumatic Nailer, Power Stapler.....	\$ 51.85	16.28
(5) Sawfiler.....	\$ 51.69	16.28
(6) Scaffold Builder.....	\$ 42.80	16.28
(7) Table Power Saw Operator.....	\$ 51.70	16.28

FOOTNOTE: Work of forming in the construction of open cut sewers or storm drains, on operations in which horizontal lagging is used in conjunction with steel H-Beams driven or placed in pre- drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms (which work is performed by piledrivers): \$0.13 per hour additional.

CARP0213-002 07/01/2021

	Rates	Fringes
Diver		
(1) Wet.....	\$ 834.40	16.28
(2) Standby.....	\$ 445.84	16.28
(3) Tender.....	\$ 437.84	16.28
(4) Assistant Tender.....	\$ 413.84	16.28

Amounts in "'Rates' column are per day

CARP0213-004 07/01/2021

	Rates	Fringes
Drywall		
DRYWALL INSTALLER/LATHER....	\$ 51.60	16.28
STOCKER/SCRAPPER.....	\$ 22.16	8.62

CARP0721-001 07/01/2021

	Rates	Fringes
Modular Furniture Installer.....	\$ 21.85	7.15

ELEC0440-004 12/27/2021

COMMUNICATIONS AND SYSTEMS WORK

	Rates	Fringes
Communications System		
Installer.....	\$ 39.60	3%+16.89
Technician.....	\$ 33.09	15.89

SCOPE OF WORK:

Installation, testing, service and maintenance of systems utilizing the transmission and/or transference of voice, sound, vision and digital for commercial, educational, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call systems, radio page, school intercom and sound, burglar alarms, fire alarms, and low voltage master clock systems in commercial buildings. Communication Systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding all other data systems or multiple systems which include control function or power supply; excluding installation of raceway systems, conduit systems, line voltage work, and energy management systems. Does not cover work performed at China Lake Naval Ordnance Test Station.

ELEC0477-002 06/01/2021

	Rates	Fringes
Electricians:.....	\$ 45.75	3%+25.33

CABLE SPLICER: \$1.50 per hour above Electrician rate.

TUNNEL WORK: 10% above Electrician rate.

ZONE PAY:

Zone A - 80 road miles from Post Office, 455 Orange Show Lane, San Bernardino, will be a free zone for all contractors

Zone B - Any work performed outside Zone A's 80 road miles, shall add \$12.00 per hour to the current wage scale.

ELEC1245-001 06/01/2022

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 64.40	22.58
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 50.00	21.30
(3) Groundman.....	\$ 38.23	20.89
(4) Powderman.....	\$ 51.87	18.79

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,
Independence Day, Labor Day, Veterans Day, Thanksgiving Day
and day after Thanksgiving, Christmas Day

ELEV0018-001 01/01/2023

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 63.95	37.335+a+b

FOOTNOTE:

a. PAID VACATION: Employer contributes 8% of regular hourly
rate as vacation pay credit for employees with more than 5
years of service, and 6% for 6 months to 5 years of service.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence
Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday
after Thanksgiving, and Christmas Day.

ENGI0012-003 07/01/2022

	Rates	Fringes
OPERATOR: Power Equipment (All Other Work)		
GROUP 1.....	\$ 51.90	30.70
GROUP 2.....	\$ 52.68	30.70
GROUP 3.....	\$ 52.97	30.70
GROUP 4.....	\$ 54.46	30.70

GROUP 5.....	\$ 48.96	25.25
GROUP 6.....	\$ 54.68	30.70
GROUP 8.....	\$ 54.79	30.70
GROUP 9.....	\$ 49.29	25.25
GROUP 10.....	\$ 54.91	30.70
GROUP 11.....	\$ 49.41	25.25
GROUP 12.....	\$ 55.08	30.70
GROUP 13.....	\$ 55.18	30.70
GROUP 14.....	\$ 55.21	30.70
GROUP 15.....	\$ 55.29	30.70
GROUP 16.....	\$ 55.41	30.70
GROUP 17.....	\$ 55.58	30.70
GROUP 18.....	\$ 55.68	30.70
GROUP 19.....	\$ 55.79	30.70
GROUP 20.....	\$ 55.91	30.70
GROUP 21.....	\$ 56.08	30.70
GROUP 22.....	\$ 56.18	30.70
GROUP 23.....	\$ 56.29	30.70
GROUP 24.....	\$ 56.41	30.70
GROUP 25.....	\$ 56.58	30.70

OPERATOR: Power Equipment
(Cranes, Piledriving &
Hoisting)

GROUP 1.....	\$ 53.25	30.70
GROUP 2.....	\$ 54.03	30.70
GROUP 3.....	\$ 54.32	30.70
GROUP 4.....	\$ 54.46	30.70
GROUP 5.....	\$ 54.68	30.70
GROUP 6.....	\$ 54.79	30.70
GROUP 7.....	\$ 54.91	30.70
GROUP 8.....	\$ 55.08	30.70
GROUP 9.....	\$ 55.25	30.70
GROUP 10.....	\$ 56.25	30.70
GROUP 11.....	\$ 57.25	30.70
GROUP 12.....	\$ 58.25	30.70
GROUP 13.....	\$ 59.25	30.70

OPERATOR: Power Equipment
(Tunnel Work)

GROUP 1.....	\$ 54.53	30.70
GROUP 2.....	\$ 54.82	30.70
GROUP 3.....	\$ 54.96	30.70
GROUP 4.....	\$ 55.18	30.70
GROUP 5.....	\$ 55.29	30.70
GROUP 6.....	\$ 55.41	30.70
GROUP 7.....	\$ 55.71	30.70

PREMIUM PAY:

\$3.75 per hour shall be paid on all Power Equipment Operator
work on the following Military Bases: China Lake Naval

Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: \$2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes load, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator); Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes load, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU side dum jack; Screening and conveyor machine operator (or similar types); Skiploader (wheel type up to 3/4 yd. without attachment); Tar pot fireman; Temporary heating plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable); Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel

Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 5: Equipment Greaser (Grease Truck/Multi Shift).

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter (concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled tar pipelining machine operator; Skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford, Case or similar; Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (gunite work); Compactor operator (self-propelled); Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator;

Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator (multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self-propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling pipe wrapping, cleaning and bending machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity): Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 9: Heavy Duty Repairman

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types-Texoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar

Pugmill equipment)

GROUP 11: Heavy Duty Repairman - Welder Combination, Welder - Certified.

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less tha 750 cu. yards; Mechanical finishing machine operator; Mobile form traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth- moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self- loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator; Remote- control earth-moving equipment operator (operating a second piece of equipment: \$1.00 per hour additional); Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck); Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with

the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane

operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson;

Loader operator (Athey, Euclid, Sierra and similar types);
Mucking machine operator (1/4 yd., rubber-tired, rail or
track type); Pneumatic concrete placing machine operator
(Hackley-Presswell or similar type); Pneumatic heading
shield (tunnel); Pumpcrete gun operator; Tractor compressor
drill combination operator; Tugger hoist operator (2 drum);
Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

\$1.00 additional per hour for all of IMPERIAL County and the
portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as
defined below:

That area within the following Boundary: Begin in San
Bernardino County, approximately 3 miles NE of the intersection
of I-15 and the California State line at that point which is
the NW corner of Section 1, T17N, R14E, San Bernardino
Meridian. Continue W in a straight line to that point which is
the SW corner of the northwest quarter of Section 6, T27S,
R42E, Mt. Diablo Meridian. Continue North to the intersection
with the Inyo County Boundary at that point which is the NE
corner of the western half of the northern quarter of Section
6, T25S, R42E, MDM. Continue W along the Inyo and San
Bernardino County boundary until the intersection with Kern
County, as that point which is the SE corner of Section 34,
T24S, R40E, MDM. Continue W along the Inyo and Kern County
boundary until the intersection with Tulare County, at that
point which is the SW corner of the SE quarter of Section 32,
T24S, R37E, MDM. Continue W along the Kern and Tulare County
boundary, until that point which is the NW corner of T25S,
R32E, MDM. Continue S following R32E lines to the NW corner of
T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E,
MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue
W to SW corner of SE quarter of Section 34, T32S, R30E, MDM.
Continue S to SW corner of T11N, R17W, SBM. Continue E along
south boundary of T11N, SBM to SW corner of T11N, R7W, SBM.
Continue S to SW corner of T9N, R7W, SBM. Continue E along
south boundary of T9N, SBM to SW corner of T9N, R1E, SBM.
Continue S along west boundary of R1E, SMB to Riverside County
line at the SW corner of T1S, R1E, SBM. Continue E along south
boundary of T1S, SBM (Riverside County Line) to SW corner of
T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to
Imperial County line at the SW corner of T8S, R10E, SBM.
Continue W along Imperial and Riverside county line to NW

corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

\$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM. Continue S along West side of R18E, MDM as it crosses into San Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point which is the SW corner of Section 34. T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a think strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

\$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the

intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE 1/4 of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM. Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

 ENGI0012-004 08/01/2022

	Rates	Fringes
OPERATOR: Power Equipment (DREDGING)		
(1) Leverman.....	\$ 61.60	32.50
(2) Dredge dozer.....	\$ 55.63	32.50
(3) Deckmate.....	\$ 55.52	32.50
(4) Winch operator (stern winch on dredge).....	\$ 54.97	32.50
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand.....	\$ 54.43	32.50
(6) Barge Mate.....	\$ 55.04	32.50

 IRON0433-006 01/01/2023

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 41.28	25.66
Ornamental, Reinforcing		

and Structural.....\$ 46.20 34.30

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval Reserve-Niland, Edwards AFB, Fort Irwin Military Station, Fort Irwin Training Center-Goldstone, San Clemente Island, San Nicholas Island, Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base, Naval Post Graduate School - Monterey, Yermo Marine Corps Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LAB00300-005 08/01/2022

	Rates	Fringes
Asbestos Removal Laborer.....	\$ 39.23	23.28

SCOPE OF WORK: Includes site mobilization, initial site cleanup, site preparation, removal of asbestos-containing material and toxic waste, encapsulation, enclosure and disposal of asbestos- containing materials and toxic waste by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers and assembly of decontamination stations.

LAB00345-001 07/01/2022

	Rates	Fringes
LABORER (GUNITE)		
GROUP 1.....	\$ 48.50	21.37
GROUP 2.....	\$ 47.55	21.37
GROUP 3.....	\$ 44.01	21.37

FOOTNOTE: GUNITE PREMIUM PAY: Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates. Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis. Any work performed on, in or above any smoke stack, silo, storage elevator or similar type of structure, when such structure is in excess of 75'-0"" above base level and which work must be performed in whole or in part more than 75'-0"" above base level, that work performed above the 75'-0"" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Rodmen, Nozzlemen

GROUP 2: Gunmen

GROUP 3: Reboundmen

LABO0783-002 07/01/2022

	Rates	Fringes
LABORER (TUNNEL)		
GROUP 1.....	\$ 45.68	23.30
GROUP 2.....	\$ 46.00	23.30
GROUP 3.....	\$ 46.46	23.30
GROUP 4.....	\$ 47.15	23.30
LABORER		
GROUP 1.....	\$ 36.39	21.04
GROUP 2.....	\$ 36.94	21.04
GROUP 3.....	\$ 37.49	21.04
GROUP 4.....	\$ 39.04	21.04
GROUP 5.....	\$ 39.39	21.04

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material

loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, footings, curbs, gutters and sidewalks; Concrete curer, impervious membrane and form oiler; Cutting torch operator (demolition); Fine grader, highways and street paving, airport, runways and similar type heavy construction; Gas, oil and/or water pipeline wrapper - pot tender and form person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer(lead); Tank scaler and cleaner; Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellower

GROUP 3: Buggymobile person; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2-1/2 ft. drill steel or longer; Dri-pak-it machine; Gas, oil and/or water pipeline wrapper, 6-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials ("applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine,

hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt- rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Changehouse person; Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.)

GROUP 2: Chucktender, cabletender; Loading and unloading agitator cars; Vibrator person, jack hammer, pneumatic tools (except driller); Bull gang mucker, track person; Concrete crew, including rodder and spreader

GROUP 3: Blaster, driller, powder person; Chemical grout jet person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of

troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

LAB00783-005 07/01/2022

	Rates	Fringes
Brick Tender.....	\$ 37.32	21.45

LAB01184-001 07/01/2022

	Rates	Fringes
Laborers: (HORIZONTAL DIRECTIONAL DRILLING)		
(1) Drilling Crew Laborer...	\$ 40.69	18.25
(2) Vehicle Operator/Hauler.	\$ 40.86	18.25
(3) Horizontal Directional Drill Operator.....	\$ 42.71	18.25
(4) Electronic Tracking Locator.....	\$ 44.71	18.25
Laborers: (STRIPING/SLURRY SEAL)		
GROUP 1.....	\$ 41.90	21.32
GROUP 2.....	\$ 43.20	21.32
GROUP 3.....	\$ 45.21	21.32
GROUP 4.....	\$ 46.95	21.32

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

LAB01414-003 08/03/2022

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER....	\$ 38.92	23.32
PLASTER TENDER.....	\$ 41.47	23.32

Work on a swing stage scaffold: \$1.00 per hour additional.

Work at Military Bases - \$3.00 additional per hour:
Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air Station-29 Palms, Imperial Beach Naval Air Station, Marine Corps Logistics Supply Base, Marine Corps Pickle Meadows, Mountain Warfare Training Center, Naval Air Facility-Seeley, North Island Naval Air Station, Vandenberg AFB.

PAIN0036-001 07/01/2020

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Repaint (excludes San Diego County).....	\$ 29.59	17.12
(2) All Other Work.....	\$ 33.12	17.24

REPAINT of any previously painted structure. Exceptions:

work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities.

PAIN0036-008 09/01/2022

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 46.28	23.52

PAIN0036-015 01/01/2020

	Rates	Fringes
GLAZIER.....	\$ 43.45	23.39

FOOTNOTE: Additional \$1.25 per hour for work in a condor, from the third (3rd) floor and up Additional \$1.25 per hour for work on the outside of the building from a swing stage or any suspended contrivance, from the ground up

* PAIN1247-002 01/01/2023

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 41.60	16.38

PLAS0200-008 08/03/2022

	Rates	Fringes
PLASTERER.....	\$ 47.37	19.64

FORT IRWIN; MARINE CORPS AIR STATION 29 PALMS, AND MARINE CORPS LOGISTICS SUPPLY BASE: \$3.00 additional per hour.

PLAS0500-002 07/01/2020

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 38.50	25.91

PLUM0016-002 09/01/2022

	Rates	Fringes

PLUMBER, PIPEFITTER,
STEAMFITTER

Work at Edwards AFB.....	\$ 62.18	26.26
Work at Fort Irwin Army Base.....	\$ 65.68	26.26
Work at Marine Corps Logistic Base at Nebo, Marine Corps Logistic Base at Yermo and Twenty-Nine Palms Marine Base.....	\$ 62.18	26.26
Work ONLY on new additions and remodeling of bars, restaurants, stores and commercial buildings, not to exceed 5,000 sq. ft. of floor space.....	\$ 53.51	25.28
Work ONLY on strip malls, light commercial, tenant improvement and remodel work.....	\$ 40.95	23.61
All other work except work on new additions and remodeling of bars, restaurant, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space and work on strip malls, light commercial, tenant improvement and remodel work.....	\$ 55.18	26.26

PLUM0345-001 09/01/2022

Rates Fringes

PLUMBER

Landscape/Irrigation Fitter..	\$ 38.20	25.65
Sewer & Storm Drain Work....	\$ 42.29	23.03

ROOF0036-002 08/01/2022

Rates Fringes

ROOFER.....	\$ 43.47	19.52

FOOTNOTE: Pitch premium: Work on which employees are exposed
to pitch fumes or required to handle pitch, pitch base or

pitch impregnated products, or any material containing coal tar pitch, the entire roofing crew shall receive \$1.75 per hour ""pitch premium"" pay.

SFCA0669-009 01/01/2023

Does not include the northern part of the City of Chino, or the Cities of Montclair and Ontario

	Rates	Fringes
SPRINKLER FITTER.....	\$ 43.25	27.33

SFCA0709-004 01/01/2021

THE NORTHERN PART OF THE CITY OF CHINO, AND THE CITIES OF MONTCLAIR AND ONTARIO:

	Rates	Fringes
SPRINKLER FITTER (Fire).....	\$ 48.71	29.15

SHEE0105-003 01/01/2023

LOS ANGELES (South of a straight line drawn between Gorman and Big Pines)and Catalina Island, INYO, KERN (Northeast part, East of Hwy 395), MONO ORANGE, RIVERSIDE, AND SAN BERNARDINO COUNTIES

	Rates	Fringes
SHEET METAL WORKER (1) Commercial - New Construction and Remodel work.....	\$ 53.67	29.74
(2) Industrial work including air pollution control systems, noise abatement, hand rails, guard rails, excluding aritechatural sheet metal work, excluding A-C, heating, ventilating systems for human comfort...	\$ 53.67	29.74

TEAM0011-002 07/01/2022

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 36.19	32.54
GROUP 2.....	\$ 36.34	32.54
GROUP 3.....	\$ 36.47	32.54
GROUP 4.....	\$ 36.66	32.54
GROUP 5.....	\$ 36.69	32.54
GROUP 6.....	\$ 36.72	32.54
GROUP 7.....	\$ 36.97	32.54
GROUP 8.....	\$ 37.22	32.54
GROUP 9.....	\$ 37.42	32.54
GROUP 10.....	\$ 37.72	32.54
GROUP 11.....	\$ 38.22	32.54
GROUP 12.....	\$ 38.65	32.54

WORK ON ALL MILITARY BASES:

PREMIUM PAY: \$3.00 per hour additional.

[29 palms Marine Base, Camp Roberts, China Lake, Edwards AFB,
El Centro Naval Facility, Fort Irwin, Marine Corps
Logistics Base at Nebo & Yermo, Mountain Warfare Training
Center, Bridgeport, Point Arguello, Point Conception,
Vandenberg AFB]

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Truck driver

GROUP 2: Driver of vehicle or combination of vehicles - 2
axles; Traffic control pilot car excluding moving heavy
equipment permit load; Truck mounted broom

GROUP 3: Driver of vehicle or combination of vehicles - 3
axles; Boot person; Cement mason distribution truck; Fuel
truck driver; Water truck - 2 axle; Dump truck, less than
16 yds. water level; Erosion control driver

GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete
truck, less than 6-1/2 yds. water level

GROUP 5: Water truck, 3 or more axles; Truck greaser and tire
person (\$0.50 additional for tire person); Pipeline and
utility working truck driver, including winch truck and
plastic fusion, limited to pipeline and utility work;
Slurry truck driver

GROUP 6: Transit mix truck, 3 yds. or more; Dumpcrete truck, 6-1/2 yds. water level and over; Vehicle or combination of vehicles - 4 or more axles; Oil spreader truck; Dump truck, 16 yds. to 25 yds. water level

GROUP 7: A Frame, Swedish crane or similar; Forklift driver; Ross carrier driver

GROUP 8: Dump truck, 25 yds. to 49 yds. water level; Truck repair person; Water pull - single engine; Welder

GROUP 9: Truck repair person/welder; Low bed driver, 9 axles or over

GROUP 10: Dump truck - 50 yds. or more water level; Water pull - single engine with attachment

GROUP 11: Water pull - twin engine; Water pull - twin engine with attachments; Winch truck driver - \$1.25 additional when operating winch or similar special attachments

GROUP 12: Boom Truck 17K and above

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates

the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal

process described here, initial contact should be with the
Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an
interested party (those affected by the action) can request
review and reconsideration from the Wage and Hour Administrator
(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the
interested party's position and by any information (wage
payment data, project description, area practice material,
etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an
interested party may appeal directly to the Administrative
Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

ARPA EXHIBIT
COMPLIANCE WITH AMERICAN RESCUE PLAN ACT (ARPA)
CORONAVIRUS LOCAL FISCAL RECOVERY FUND (CLFRF) FEDERAL GUIDELINES
USE OF ARPA CLFRF AND REQUIREMENTS

This Contract may be funded in whole or in part with funds provided by the American Rescue Plan Act - Coronavirus Local Fiscal Recovery Fund (ARPA), *Federal Award Identification Number (FAIN): SLT0628 and Assistance Listing Number (formerly known as a CFDA number): 21.027*, and therefore Contractor agrees to comply with any and all ARPA requirements in addition to any and all applicable County, State, and Federal laws, regulations, policies, and procedures pertaining to the funding of this Contract. The use of the funds must also adhere to official federal guidance issued or to be issued on what constitutes a necessary expenditure. Any funds expended by Contractor or its subcontractor(s) in any manner that does not adhere to the ARPA requirements shall be returned or repaid to the County. Any funds paid to Contractor i) in excess of the amount to which Contractor is finally determined to be authorized to retain; ii) that are determined to have been misused; or iii) that are determined to be subject to a repayment obligation pursuant to section 603(e) of the Act and have not been repaid, shall constitute a debt to the federal government. Contractor agrees to comply with the requirements of section 603 of the Act, regulations adopted by Treasury pursuant to the Act, and guidance issued by Treasury regarding the foregoing. Contractor shall provide for such compliance in any agreements with subcontractor(s).

Contractor agrees to comply with the following:

- A.** In accordance with Title 2 Code of Federal Regulations (C.F.R.) Section 200.322, the non-Federal Contractor should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award. For purposes of this section: "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.
- B.** In accordance with Title 2 C.F.R. Section 200.471, costs incurred for telecommunications and video surveillance services or equipment such as phones, internet, video surveillance, cloud servers are allowable except for the following circumstances: Obligating or expending covered telecommunications and video surveillance services or equipment or services (as described in Title 2 C.F.R. Section 200.216) to: 1) Procure or obtain, extend or renew a contract to procure or obtain; 2) Enter into a contract (or extend or renew a contract) to procure; or 3) Obtain the equipment, services, or systems, as described in Title 2 C.F.R. Section 200.216 that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities) and: (i) For the purpose of public

safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities); (ii) Telecommunications or video surveillance services provided by such entities or using such equipment; and (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country. In implementing the prohibition under Public Law 115-232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.

- C. A non-Federal Contractor that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at Title 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.
- D. Byrd Anti-Lobbying Amendment (31 U.S.C. Section 1352) - Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by Title 31 U.S.C. Section 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.
- E. Clean Air Act (42 U.S.C. Sections 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. Sections 1251-1389), as amended - Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. Sections 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. Sections 1251-1389).
- F. Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under Title 37 C.F.R. Section 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the Title 33 U.S.C. Sections

1251-1387 recipient or subrecipient must comply with the requirements of Title 37 C.F.R. Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

- G.** Contract Work Hours and Safety Standards Act (40 U.S.C. Sections 3701-3708). Where applicable, all contracts awarded by the non-Federal Contractor in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with Title 40 U.S.C. Sections 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. Part 5). Under Title 40 U.S.C. Section 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of Title 40 U.S.C. Section 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous to health or safety. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
- H.** Davis-Bacon Act, as amended (40 U.S.C. Sections 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. Sections 3141-3148) as supplemented by Department of Labor regulations (29 C.F.R. Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal contractor must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal Contractor must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. Section 874 and 40 U.S.C. Section 3145), as supplemented by Department of Labor regulations (29 C.F.R. Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal contractor must report all suspected or reported violations to the Federal awarding agency.
- i.** The Contractor and all Subcontractors and Sub-subcontractors are required to pay their employees and workers a wage not less than the minimum wage for the work classification as specified in both the Federal and California wage decisions. See Exhibit "B" for additional information regarding California Prevailing Wage Rate Requirements and the applicable general prevailing wage determinations which are on file with the County and are available to any interested party on request. The higher of the two applicable wage determinations, either California prevailing wage or Davis-Bacon Federal prevailing wage, will be enforced for all applicable work/services under this Contract.

- I. Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by Title 41 U.S.C. Section 1908, must address administrative, contractual, or legal remedies in instances where Contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.
- J. All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal Contractor including the manner by which it will be effected and the basis for settlement.
- K. Equal Employment Opportunity. Except as otherwise provided under Title 41 C.F.R. Part 60, all contracts that meet the definition of "federally assisted construction contract" in Title 41 C.F.R. Section 60-1.3 must include the equal opportunity clause provided under Title 41 C.F.R. Section 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 C.F.R. Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 C.F.R. part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The identified clause is below and Contractor shall comply with the clause and all legal requirements and include the equal opportunity clause in each of its nonexempt subcontracts.
 - i. The applicant hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at Title 41 C.F.R. Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee

who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

- L. Data Collection Requirements** – Contractor agrees to collect pre-post data per County, and United States Treasury guidelines and timeline, for project tracking and monitoring and various reporting purposes. Data including, but not limited to: Required Project Demographic Distribution Data; Required Performance Indicators and Programmatic Data; Required Expenditure Report Data; and Required Program Evaluation Data. Contractor agrees to track and monitor data in a quantifiable and reportable database - retrievable collective data that needs to be available to County, State or Federal governments upon request.
- M. Data Submission Requirements** - Contractor agrees to furnish data to the County upon request, per County, and United States Treasury guidelines and timeline, for project tracking and monitoring and various reporting purposes. Data including, but not limited to: Required Project Demographic Distribution Data; Required Performance Indicators and Programmatic Data; Required Expenditure Report Data; Required Program Evaluation Data. Contractor agrees to track and monitor data in a quantifiable and reportable database - retrievable collective data that needs to be available at request.
- N. Project Progress Reporting** - Contractor agrees to provide project timeline and progress updates to the County upon request, per County, and United States Treasury guidelines and timeline. Contractor agrees to routine and impromptu program and project evaluation by the County.
- O. Contractor shall comply with Title 2 Code of Federal Regulations Part 200** (Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards), including, but not limited to, Title 2 C.F.R. Section 200.303 (internal control), Title 2 C.F.R. Sections 200.331 through 200.333 (subrecipient monitoring and management), and Title 2 C.F.R. Part 200 Subpart F (audit requirements), as these sections currently exist or may be amended. The use of funds must also adhere to official federal guidance issued or to be issued on what constitutes an eligible expenditure. Any funds expended by Contractor or its

subcontractor(s) in any manner that does not adhere to official federal guidance shall be returned to the County. Contractor agrees to comply with all official guidance regarding the ARPA CLFRF. Contractor also agree that as additional federal guidance becomes available, an amendment to this Contract may become necessary. If an amendment is required, Contractor agrees to promptly execute the Contract amendment.

- P.** Contractor shall retain documentation of all uses of the funds, including but not limited to invoices and/or sales receipts in a manner consistent with Title 2 C.F.R. Section 200.334 (retention requirements for records). Such documentation shall be produced to County upon request and may be subject to audit. Unless otherwise provided by Federal or State law (whichever is the most restrictive), Contractor shall maintain all documentation connected with its performance under this Contract for a minimum of five (5) years from the date of the last payment made by County or until audit resolution is achieved, whichever is later, and to make all such supporting information available for inspection and audit by representatives of the County, the State or the United States Government during normal business hours at Contractor. Copies will be made and furnished by Contractor upon written request by County.
- Q.** Contractor shall establish and maintain an accounting system conforming to Generally Accepted Accounting Principles (GAAP) to support Contractor's requests for reimbursement which segregate and accumulate costs of Contractor and produce monthly reports which clearly identify reimbursable costs, matching fund costs (if applicable), and other allowable expenditures by Contractor. Contractor shall provide a monthly report of expenditures under this Contract no later than the 20th day of the following month.
- R.** Contractor shall cooperate in having an audit completed by County, at County's option and expense. Any audit required by ARPA CLFRF and its regulation and United States Treasury guidance will be completed by Contractor at Contractor's expense.
- S.** Contractor shall repay to County any reimbursement for ARPA CLFRF funding that is determined by subsequent audit to be unallowable under the ARPA CLFRF within the time period required by the ARPA CLFRF, but no later than one hundred twenty (120) days of Contractor receiving notice of audit findings, which time shall include an opportunity for Contractor to respond to and/or resolve the findings. Should the findings not be otherwise resolved and Contractor fail to reimburse moneys due County within one hundred twenty (120) days of audit findings, or within such other period as may be agreed between both parties or required by the ARPA CLFRF, County reserves the right to withhold future payments due Contractor from any source under County's control.
- T.** Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Title 2 C.F.R. Part 200, other than such provisions as Treasury may determine are inapplicable and subject to such exceptions as may be otherwise provided by Treasury. Subpart F – Audit Requirements of the Uniform Guidance, implementing the Single Audit Act, shall apply.
- U.** Universal Identifier and System for Award Management (SAM), Title 2 C.F.R. Part 25.
- V.** Reporting Subaward and Executive Compensation Information, Title 2 C.F.R. Part 170.
- W.** OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (nonprocurement), Title 2 C.F.R. Part 180, including the requirement to include a term or condition in all lower tier covered transactions (contracts and subcontracts described in 2

C.F.R. Part 180, subpart B) that the award is subject to Title 2 C.F.R. Part 180 and Treasury's implementing regulation at Title 31 C.F.R. Part 19. Debarment and Suspension (Executive Orders 12549 and 12689) - A contract award (see 2 C.F.R. Section 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at Title 2 C.F.R. Part 180 that implement Executive Orders 12549 (3 C.F.R. Part 1986 Comp., p. 189) and 12689 (3 C.F.R. Part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

- X.** Recipient Integrity and Performance Matters, pursuant to which the award terms set forth in Title 2 C.F.R. Part 200, Appendix XII to Part 200 is hereby incorporated by reference.
- Y.** Government Requirements for Drug-Free Workplace, Title 31 C.F.R. Part 20.
- Z.** New Restrictions on Lobbying, Title 31 C.F.R. Part 21.
- AA.** Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 (42 U.S.C. Sections 4601-4655) and implementing regulations.
- BB.** Applicable Federal environmental laws and regulations.
- CC.** Statutes and regulations prohibiting discrimination include, without limitation, the following:
 - i. Title VI of the Civil Rights Act of 1964 (42 U.S.C. Sections 2000d et seq.) and Treasury's implementing regulations at Title 31 C.F.R. Part 22, which prohibit discrimination on the basis of race, color, or national origin under programs or activities receiving federal financial assistance.
 - ii. The Fair Housing Act, Title VIII of the Civil Rights Act of 1968 (42 U.S.C. Sections 3601 et seq.), which prohibits discrimination in housing on the basis of race, color, religion, national origin, sex, familial status, or disability.
 - iii. Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Section 794), which prohibits discrimination on the basis of disability under any program or activity receiving federal financial assistance.
 - iv. The Age Discrimination Act of 1975, as amended (42 U.S.C. Sections 6101 et seq.), which prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto.
 - v. Title II of the Americans with Disabilities Act of 1990, as amended (42 U.S.C. Sections 12101 et seq.), which prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto.
- DD.** Contractor understands that making false statements or claims in connection with the ARPA funded activities is a violation of federal law and may result in criminal, civil, or administrative sanctions, including fines, imprisonment, civil damages and penalties, debarment from participating in federal awards or contracts, and/or any other remedy available by law.
- EE.** Any publications produced with ARPA funds must display the following language: "This project [is being] [was] supported, in whole or in part, by federal award number SLT-0628 awarded to San Bernardino County by the U.S. Department of Treasury."

FF. Pursuant to Executive Order 13043, 62 FR 19217 (Apr. 18, 1997), Contractor is being encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

GG. Pursuant to Executive Order 13513, 74 FR 51225 (Oct. 6, 2009), Contractor is being encouraged to adopt and enforce policies that ban text messaging while driving and establishing workplace safety policies to decrease accidents caused by distracted drivers.

HH. As a recipient of federal financial assistance, the Civil Rights Restoration Act of 1987 applies, and Contractor assures that it:

- i. Ensures its current and future compliance with Title VI of the Civil Rights Act of 1964, as amended, which prohibits exclusion from participation, denial of the benefits of, or subjection to discrimination under programs and activities receiving federal funds, of any person in the United States on the ground of race, color, or national origin (42 U.S.C. Sections 2000d et seq.), as implemented by the Department of the Treasury Title VI regulations at Title 31 C.F.R. Part 22 and other pertinent executive orders such as Executive Order 13166, directives, circulars, policies, memoranda and/or guidance documents.
- ii. Acknowledges that Executive Order 13166, "Improving Access to Services for Persons with Limited English Proficiency," seeks to improve access to federally assisted programs and activities for individuals who, because of national origin, have Limited English proficiency (LEP). Contractor understands that denying a person access to its programs, services, and activities, because of LEP is a form of national origin discrimination prohibited under Title VI of the Civil Rights Act of 1964 and the Department of the Treasury's implementing regulations. Contractor shall initiate reasonable steps, or comply with the Department of the Treasury's directives, to ensure LEP persons have meaningful access to its programs, services, and activities. Contractor understands and agrees that meaningful access may entail provide language assistance services, including oral interpretation and written translation where necessary, to ensure effective communication.
- iii. Agrees to consider the need for language services for LEP persons during development of applicable budgets and when conducting programs, services, and activities.
- iv. Agrees to maintain a complaint log of any complaints of discrimination on the grounds of race, color, or national origin, and limited English proficiency covered by Title VI of the Civil Rights Act and implementing regulations and provide, upon request, a list of all such reviews or proceedings based on the complaint, pending or completed, including outcome.

II. The County must include the following language in every contract or agreement subject to Title VI and its regulations:

"The sub-grantee, contractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or nation origin (42 U.S.C. Section 2000d et seq.), as implemented by the Department of the Treasury's Title VI regulations, Title 31 C.F.R. Part 22, which are herein incorporated by reference and made a part of this contract (or agreement). Title VI also includes protection to persons with "Limited English Proficiency" in any program or activity receiving federal financial assistance, 42 U.S.C.

Section 2000d et seq., as implemented by the Department of the Treasury's Title VI regulations, Title 31 C.F.R. Sections Part 22, and herein incorporated by reference and made a part of this contract or agreement."

JJ. Contractor shall cooperate in any enforcement or compliance review activities by the County and/or the Department of the Treasury. Contractor shall comply with information requests, on-site compliance reviews, and reporting requirements.

KK. Contractor shall maintain records and financial documents sufficient to evidence compliance with section 603(c), regulations adopted by Treasury implementing those sections, and guidance issued by Treasury regarding the foregoing.

LL. County has the right of access to records (electronic or otherwise) of Contractor in order to conduct audits or other investigations.

MM. Contractor shall maintain records for a period of five (5) years after the completion of the contract or a period of five (5) years after the last reporting date the County is obligated with the Department of the U.S. Treasury, whichever is later.

NN. Contractor must disclose in writing any potential conflict of interest in accordance with Title 2 C.F.R. Section 200.112.

OO. In accordance with Title 41 U.S.C. Section 4712, subrecipient or Contractor may not discharge, demote, or otherwise discriminate against an employee in reprisal for disclosing to any of the list of persons or entities provided below, information that the employee reasonably believes is evidence of gross mismanagement of a federal contract or grant, a gross waste of federal funds, an abuse of authority relating to a federal contract or grant, a substantial and specific danger to public health or safety, or a violation of law, rule, or regulation related to a federal contract (including the competition for or negotiation of a contract) or grant.

The list of persons and entities referenced in the paragraph above includes the following: (i) A member of Congress or a representative of a committee of Congress; (ii) An Inspector General; (iii) The Government Accountability Office; (iv) A Treasury employee responsible for contract or grant oversight or management; (v) An authorized official of the Department of Justice or other law enforcement agency; (vi) A court or grand jury; or (vii) A management official or other employee of Recipient, subrecipient, contractor, or subcontractor who has the responsibility to investigate, discover, or address misconduct. Subrecipient or Contractor shall inform its employees in writing of the rights and remedies provided under this section, in the predominant native language of the workforce.

PP. County and Contractor acknowledge that if additional federal guidance is issued, an amendment to this Contract may be necessary. In the event any of the terms in this Exhibit conflict with any other terms in the Contract, the terms in this Exhibit shall control.

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1 GENERAL PROVISIONS

1.1 Basic Definitions

1.1.1 Acceleration Proposal Request. County's written request to Contractor to submit an itemized proposal for Extraordinary Measures in order to achieve early completion of all or a portion of the Work when the need for such measures is not due to the fault of the Contractor.

1.1.2 Addenda. The Addenda or Addendum consist of the written clarifications of the Bid Documents issued by the County prior to the execution of the Contract.

1.1.3 Applicable Law. State, federal and local laws, statutes, ordinances, building codes, rules and regulations relating to the Work.

1.1.4 Architect. – The firm hired by the County to design the Project.

1.1.5 As-Built. The Contractor's daily, current and complete on-site set of Plans and Specifications showing all changes, modifications and revisions performed during the progress of the Project construction.

1.1.6 Chief of Project Management. The Chief of Project Management of the Project and Facilities Management Department – Project Management.

1.1.7 Board. The Board of Supervisors for San Bernardino County.

1.1.8 Bid Documents. The documents contained in the bid packages including, but not limited to, advertisement for bids, instructions to bidders, bid proposal, non-collusion declaration, sample standard contract, contractor's affidavit and final release, sample bond forms, State wage determinations, general conditions, special conditions, technical specifications and Project drawings/plans.

1.1.9 Change Order. A Change Order is a written document prepared by the County reflecting the agreement between the County and Contractor for: a change in the terms or conditions of the Contract, if any; a specific Scope Change in the Work; the amount of the adjustment, if any, in the Contract Sum; and the extent of the adjustment, if any, in the Contract Time. The Change Order must be signed by an authorized representative of the County and Contractor.

1.1.10 Change Order Request (COR). As more specifically described herein below, a Change Order Request is a written document originated by the Contractor, which describes an instruction(s) issued by the County after the effective date of the Contract, which Contractor believes to be a Scope Change that may result in changes to the Contract Sum or Contract Time or, which describes the need for or desirability of a change in the Work proposed by Contractor.

1.1.11 Construction Change Directive. A Construction Change Directive is a unilateral written order prepared and signed by the County, directing Contractor to perform a change in the Work prior to agreement on adjustment, if any, in the Contract Sum or Contract Time, or both.

1.1.12 Contract. The Contract Documents form the Contract ("Contract" or "Agreement").

1.1.13 Contract Documents. The Contract Documents consist of the documents enumerated as such in the Contract between County and Contractor, including, but not limited to, all Addenda issued prior to and Modifications issued after the effective date of the Contract, Plans/drawings, Specifications, request for qualifications, instructions to bidders, general conditions, special conditions and bonds.

1.1.14 Contract Sum. The term "Contract Sum" means the amount of compensation stated in the Contract for the performance of the Work. The Contract Sum may be adjusted only by Change Order, Construction Change Directive, or written amendment to the Contract.

1.1.15 Contractor. The individual, partnership, corporation, joint venture, or other legal entity entering into the Contract with the County to perform the Work.

1.1.16 County. San Bernardino County.

1.1.17 Date of Commencement. The date for commencement of the Work fixed by County in a Notice to Proceed to Contractor.

1.1.18 Day(s). The terms "day" or "days" mean calendar days unless otherwise specifically designated in the Contract Documents. The term "Work Day" or "Working Day" shall mean any calendar day except Saturdays, Sundays and County recognized legal holidays.

1.1.19 Defective Work. Any or all of the Work, which is unsatisfactory, faulty, omitted, incomplete or deficient, in material, workmanship or operation, or which does not conform to the requirements of the Contract Documents, directives of the County, applicable code requirements, or the requirements of any inspection, reference standard, test, or approval specified in the Contract Documents.

1.1.20 Department. The San Bernardino County Project and Facilities Management Department.

1.1.21 Director. The Director of the Project and Facilities Management Department.

1.1.22 Division. The San Bernardino County Project and Facilities Management Department – Project Management. The Project Management is represented by the Director or Chief of Project Management.

1.1.23 Extraordinary Measures. Measures implemented by Contractor at County's direction to expedite the progress of construction of all or a portion of the Work, including, without limitation, (i) working additional shifts or overtime, (ii) supplying additional manpower, equipment, and facilities, and (iii) submitting a recovery schedule for resequencing performance of the Work or other similar measures, as more specifically described in Paragraph 2.8.

1.1.24 Final Completion. The term Final Completion is the date, evidenced by the County's approval of Contractor's Final Application for Payment, when the Work has been completed and the requirements for Project closeout set forth in the Contract Documents including, but not limited to, those set forth in Paragraph 9.8 below, have been satisfactorily completed. May be demonstrated by the recording of a Notice of Completion by the County.

1.1.25 Final Payment. County's payment of the Contract Sum due to Contractor for the entire Work, less only the sums which County is specifically allowed to withhold under the terms of the Contract Documents and Applicable Law.

1.1.26 Modifications. A Modification is (i) a written amendment to the Contract signed by duly authorized representatives of the Parties, (ii) a Change Order, or (iii) a Construction Change Directive.

1.1.27 Notice of Completion. Document that is submitted by the County to the County Recorder for filing and recordation when all Work called for in the Construction Documents has been completed.

1.1.28 Notice to Proceed. The Notice to Proceed is a document issued by the County fixing the Date of Commencement for the Work. The Contract Time for Contractor's performance of the Work is measured in calendar days (not Work Days).

1.1.29 Owner. The San Bernardino County or its duly authorized representative.

1.1.30 Parties. The County and Contractor may be referred to collectively in the Contract Documents from time to time as the Parties.

1.1.31 Plans/Drawings. The Drawings, profiles, cross-sections, working drawings, and supplemental drawings or reproductions thereof, reviewed by the County or its authorized agent, which show the locations, character, dimensions, or details of the Work.

1.1.32 Project. The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the County or by Separate Contractors.

1.1.33 Project Manager. County's Project Manager, identified by County in writing, is the County's Project Representative, who interprets and defines the County's policies, renders decisions with respect to Contractor's performance of the Work, approves Contractor's Applications for Payment, reviews and approves Contractor's schedules and submittals, reviews and approves Change Order Requests and Change Orders and Construction Change Directives, reviews all quantity calculations related to pay quantities, reviews and approves changes in the Contract Time, concurs in any defective Work notification, and reviews and determines Substantial Completion of the Work and Final Completion of the Work. The extent and limits of the authority of any designee of the County's Project Manager shall be set forth in writing. Contractor shall be entitled to rely on the decisions and information provided by such written designee subject to the limitations of authority set forth in writing. All correspondence and electronic communication shall flow through the Project Manager. The Project Manager does not have the authority to approve a Change Order, written amendment to the Contract or Change Order Directive on behalf of the County. Contractor acknowledges that all Change Orders, Change Order Requests, Construction Change Directives, and amendments to the written Contract require the approval of the Director, or his/her designee, and may also require the approval of the Board.

1.1.34 Project Representative. Those individuals designated by the Parties in writing with authority to render decisions in connection with the Work and the Contract.

1.1.35 Scope Change. A Scope Change is Work that is not reasonably inferable from the Contract Documents upon which the Contract Sum is based, by a Contractor with the skill, experience, and expertise necessary for the proper, timely, and orderly completion of the Work, and is (i) materially inconsistent with, or (ii) a material change in the quantity, quality, or other substantial deviation in, the Contract Documents upon which the Contract Sum is based; and are necessary to correct an error, omission or defect in the Contract Documents, which cannot reasonably be corrected in the construction process.

1.1.36 Separate Contractors. The term Separate Contractors means licensed contractors performing a portion of the Project under separate contracts with the County.

1.1.37 Site. The physical area designated in the Contract Documents for Contractor's performance of the Work.

1.1.38 Specifications. The portion of the Contract Documents consisting of the written requirements for labor, materials, equipment, construction systems, standards and workmanship for the Work, and performance of related services, including all Work and services defined in the Standard specifications, reference specifications, technical

specifications, special provisions, General Conditions, and specifications in supplemental agreements between the County and Contractor.

1.1.38.1 Article, Paragraph, and Subparagraph titles and other identifications of subject matter in the Specifications are intended as an aid in locating and recognizing the various requirements in the Specifications. Except where the titling forms a part of the text, such as beginning words of a sentence or where the title establishes the subject, the titles are subordinate to and do not define, limit, or restrict the Specification text. Underlining or capitalizing of any words in the text does not signify or mean that such words convey special or unique meanings having a precedence over any other part of the Contract Documents. Specification text shall govern over titling and shall be understood to be and interpreted as a whole. The listings of various Sections of the Specifications are for convenience only and do not control the Contractor in dividing the Work among the subcontractors or establish the extent of the Work to be performed or provided by any Subcontractor or trade. **Contractor is solely responsible for providing the complete Work without respect to where or how the various parts of the Work may be indicated or specified.**

1.1.39 Subcontractor. A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the Site. The term "Subcontractor" does not include a Separate Contractor or subcontractors of a Separate Contractor.

1.1.40 Sub-subcontractor. A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the Site.

1.1.41 Substantial Completion. Substantial Completion is defined to mean the state in the progress of the Work when the Work is sufficiently complete in accordance with the Contract Documents as determined by the County so that the County can occupy and utilize the Work for its intended use and as further defined in the Contract.

1.1.42 Work. The term "Work" means the construction and other services required by, and reasonably inferable from, the Contract Documents as amended by Contract Modifications, whether completed or partially completed, and includes all labor, materials, equipment, tools, and services provided or to be provided by Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project, and includes products purchased by Contractor from third parties, and thereafter sold to County by Contractor.

1.1.43 Written Amendment to Contract – An amendment to the Contract which may change the Contract Sum or Contract Time, as necessary, due to unforeseen circumstances at the Project, additional Work required as a result of changes in Applicable Laws, or other appropriate facts necessitating a Contract amendment.

1.2 Correlation and Intent of the Contract Documents

1.2.1 Complementary Documents. The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work. The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all. All Work mentioned or indicated in the Contract Documents, and all Work reasonably inferable from them, shall be performed by the Contractor as part of the Contract unless it is specifically indicated in the Contract Documents that such work is to be done by others.

1.2.2 Order of Precedence. In the event of conflict between any of the Contract Documents the provision placing a more stringent requirement on the Contractor shall prevail. The Contractor shall provide the better quality or greater quantity of Work and/or materials unless otherwise directed by County in writing. In the event none of the Contract Documents place a more stringent requirement or greater burden on the Contractor, the controlling provision shall be that which is found in the document with higher precedence. In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following order of precedence, with “(1)” being the highest:

- (1) Permits;
- (2) Modifications;
- (3) Specifications;
- (4) Detailed Plans/Drawings;
- (5) Large Scale Plans/Drawings;
- (6) Small Scale Plans/Drawings;
- (7) The Contract, including all exhibits, and Addenda with later Addenda having priority over earlier Addenda;
- (8) Special Conditions, if any;
- (9) General Conditions; and
- (10) Bid Documents.

1.2.2.1 Nothing herein shall relieve the Contractor of its obligation to notify the County of any inconsistencies in the Contract Documents. Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall apply to the County in writing for such further written explanations as may be necessary.

1.2.2.2 In the case of conflict or inconsistency in the Contract Documents, the conflict or inconsistency must be brought to the attention of the County for written clarification obtained from the County before proceeding with the Work affected by the conflict or inconsistencies. Failure to obtain such written clarification from the County will constitute waiver of any claim by Contractor related to such conflict or inconsistency.

1.2.2.3 All Work shall conform to the Contract Documents. No change therefrom shall be made without review and written acceptance by County.

1.2.3 Organization. Organization of the Specifications into divisions, sections, and articles, and sequential order of Plans/Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of the Work to be performed.

1.2.4 Well-Known Terms. Unless otherwise stated in the Contract Documents, words which have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

1.2.5 Contractor Deviations. No deviations by the Contractor from the Contract Documents relating to any portion of the services, materials, labor, or equipment required for the Work shall be construed to set a precedent with respect to subsequent interpretation of the Contract Documents or performance of the Work unless such a deviation is memorialized in a Modification to the Contract.

1.2.6 Complete Agreement. The Contract Documents constitute the full and complete understanding of the Parties and supersede any previous agreements or understandings, oral or written, with respect to the subject matter hereof. The Contract may be modified only by a written instrument signed by both Parties or pursuant to Article 7.

1.3 Capitalization

Terms capitalized in these General Conditions include those which are (i) specifically defined, (ii) the titles of numbered articles, and identified references to paragraphs, subparagraphs and clauses in the document or (iii) titles of other Contract Documents or forms.

1.4 Interpretation

1.4.1 Omitted Articles. In the interest of brevity, the Contract Documents frequently omit articles such as “the” and “an”, but the fact that an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement. The use of the word “including,” when following any general statement, shall not be construed to limit such statement to specific items or matters set forth immediately following such word or to similar items or matters whether or not non-limiting language (such as “without limitation, “but not limit to,” or words of similar import) is used with reference thereto, but rather shall be deemed to refer to all other items or matters that could reasonably fall within the broadest possible scope of such general statement.

1.4.2 References to Contract Documents. Where “as indicated”, “as detailed”, or words of similar import are used, it shall be understood that the reference is made to any one of the Contract Documents.

1.4.3 Severability. In the event any article, section, sub-article, paragraph, subparagraph, sentence, clause, or phrase contained in the Contract Documents shall be determined, declared, or adjudged invalid, illegal, unconstitutional, or otherwise unenforceable such determination, declaration, or adjudication shall in no manner affect the other articles, sections, sub-articles, paragraphs, subparagraphs, sentences, clauses, or phrases of the Contract Documents, which shall remain in full force and effect as if the article, section, sub-article, paragraph, subparagraph, sentence, clause, or phrase declared, determined, or adjudged invalid, illegal, unconstitutional, or otherwise unenforceable was not originally contained in the Contract Documents.

1.4.4 Provisions Deemed Inserted. Each and every provision and clause required by law to be inserted in the Contract Documents shall be deemed to be inserted herein and the Contract Documents shall be read and enforced as though such provision or clause is included herein and, if through mistake or otherwise, any such provision is not inserted or not correctly inserted, then upon application of either Party, the Contract Documents shall forthwith be physically amended to make such insertion or correction.

1.4.5 Headings Not Controlling. The various headings contained in the Contract Documents are inserted for convenience only and shall not affect the meaning or interpretation of the Contract or any provision thereof.

1.4.6 Singular/Plural/Gender Terms. Whenever the context so requires, the use of the singular number shall be deemed to include the plural and vice versa. Each gender shall be deemed to include any other gender, and each shall include corporation, partnership, trust, or other legal entity whenever the context so requires.

1.4.7 Technical/Non-Technical Words. Unless otherwise stated in the Contract Documents, technical words and abbreviations contained in the Contract Documents are used in accordance with commonly understood construction industry meanings; and non-technical words and abbreviations are used in accordance with their commonly understood meanings.

1.4.8 Referenced Standards. Bulletins, standards, rules, methods of analysis or test, and specification of other agencies, engineering societies or industrial associations may be referred to in the Contract Documents. Reference may also be made to applicable ordinances, codes or regulations of any political subdivision having jurisdiction. These refer to the latest edition, including amendments in effect and published at the time of advertising the Project for bid, unless specifically referred to by edition, volume or date.

1.5 Execution of Contract Documents

1.5.1 Signatures. The Contract shall be signed by the authorized representatives of the County and Contractor.

1.5.2 Contractor Representations Concerning Contract Documents and Site Investigation. By executing the Contract, Contractor represents and warrants that: (i) the Contract Documents are sufficiently detailed to enable Contractor to determine the cost of the Work within the Contract Sum and Contract Time; (ii) it has visited the Project Site, familiarized itself with the local conditions under which the Work is to be performed including, without limitation, the conditions contained in any test results and/or reports provided to or obtained by Contractor, and the conditions reflected on any Site surveys provided to or obtained by the Contractor; (iii) it is fully experienced, qualified and competent to perform the Work set forth in the Contract Documents; (iv) it is properly equipped, organized and financed to perform the Work; (v) it is properly permitted and licensed by California and all other governmental entities to perform the Work required by the Contract and that it will retain only properly licensed Subcontractors to perform the Work of the Contract; (vi) it has familiarized itself with all conditions bearing upon transportation, disposal, handling, and storage of materials; (vii) it has familiarized itself with the availability of labor, water, electric power, and roads; (viii) it has familiarized itself with uncertainties of weather or similar observable physical conditions at the Project Site; (ix) it has familiarized itself with the character of equipment and facilities needed during performance of the Work; (x) it has familiarized itself with the staging and material storage constraints of the Project Site and surrounding buildings and will confine its staging and storage operations to approved areas; (xi) it shall maintain the immediate surrounding areas of the Project Site in a clean and safe manner at all times; (xii) it will coordinate its construction activities with County's Separate Contractors, if any, performing work on the Project Site; (xiii) it will adhere to the assigned transit route identified by the County; and (xiv) it will adhere to and be bound by conditions set forth in the Contract Documents and any regulatory agency, utility, or governmental entity with jurisdiction over the Project. In addition, and without limiting the foregoing warranties, Contractor represents and warrants to County that prior to executing the Contract:

(1) Contractor has familiarized itself and will continuously familiarize itself throughout performance of the Work with the nature and extent of the Contract Documents, the Work, the Project Site, the identified existing conditions of the Project Site and locality, and all laws, rules, ordinances, and regulations of all government authorities and utilities having jurisdiction over the Project that may affect costs, progress, performance, or furnishing of the Work;

(2) Contractor has reviewed and carefully studied all examinations, investigations, explorations, tests, reports and studies provided to Contractor by County which pertain to the physical conditions at or contiguous to the Project Site or conditions which otherwise may affect the

cost, progress, performance or furnishing of the Work, within the Contract Time and Construction Schedule. Contractor may rely upon the accuracy of the technical data contained in such documents but not upon nontechnical data, interpretations, opinions or conditional statements contained therein;

(3) Contractor has reviewed all information and data shown or indicated on the Contract Documents with respect to existing underground facilities at or contiguous to the Project Site;

(4) As of the effective date of the Contract, Contractor has no knowledge of any conflicts, errors, or discrepancies in the Contract Documents other than those which Contractor has notified County of in writing prior to executing the Contract; and

(5) Contractor is experienced and competent in the interpretation and use of Specifications and Drawings, and in the use of materials, equipment and construction techniques as are required to successfully complete the Project. Contractor shall, at its own expense, employ any and all experts necessary to successfully complete the Work required by the Contract Documents.

1.6 Ownership and Use of Drawings, Specifications and Other Instruments of Service

1.6.1 Ownership of Contract Documents. All Drawings, Specification, plans, sketches and other documents, including copies thereof, furnished by the County are and shall remain the property of the County and may be required to be returned to the County at the Contractor's expense. They are to be used only with respect to this Project and are not to be used on any other project. Submission or distribution to meet official regulatory requirements or for other purposes in connection with the Project is not to be construed as publication in derogation of the County's common law copyright or other reserved rights.

1.6.2 Contractor's Assignment of Copyrights. Project related documents created, prepared, or issued by Contractor, or its Subcontractors, including any Drawings, Specifications, and electronic data are "work for hire", and shall become the property of the County when prepared and shall be delivered to County whenever requested. The Contractor hereby assigns to the County, without reservation, all copyrights to all Project related documents, models, photographs, and other written expressions created by the Contractor.

1.6.3 Submissions to County. A copy of every technical memorandum and report prepared by Contractor shall be submitted to the County to demonstrate progress toward completion of Work. In the event County rejects or has comments on any such work product, County shall identify specific requirements for satisfactory completion by Contractor. Contractor shall provide County with Project related documents in

reproducible or electronic format, upon County's written request. All Project related documents shall be turned over to County upon termination of this Agreement or Final Completion, whichever occurs first.

1.7 Publicity

The Contractor, its agents, employees, subcontractors and suppliers shall not engage in any communication or correspondence with persons not directly involved in the construction of the Project, concerning any aspect of the construction of the Project, without the express written consent of County. All communications to the media, or in response to inquiries made by private citizens, shall be issued solely through the County.

2 SAN BERNARDINO COUNTY'S DUTIES AND RESPONSIBILITIES

2.1 General

The County shall designate the Project Manager(s) defined in Paragraphs 4.1 below, in writing. Whenever the Contract Documents require or permit the County to take or request an action or approve or disapprove of an action or request made by another Party, the reference to "County" shall mean the County's Project Manager unless the Contract Documents or context make it clear that another person is authorized to act as the County's Project Manager. All communications to the County shall be made through the County's Project Manager. The Contractor shall not be entitled to rely on directions (nor shall it be required to follow the directions) from anyone outside the scope of that person's authority as set forth in written authorization pursuant to the Contract. Direction and decisions made by the County's Project Manager shall be binding on San Bernardino County. Contractor acknowledges that all Change Orders, Change Order Requests, Construction Change Directives and amendments to the written Contract require the approval of the Director, or his/her designee, and may also require the approval of the Board.

2.2 Reserved

2.3 Information and Services Required of the County

2.3.1 Approvals for Permanent Structures. Except for the permits, fees, and other such items set forth under Subparagraph 3.7.1, that are the responsibility of the Contractor under the Contract Documents, the County shall pay for necessary assessments and charges reasonably required for construction, use, or occupancy of permanent structures or for permanent changes in existing facilities.

2.3.2 Existing Utilities: Removal, Relocation and Protection. In accordance with California Government Code Section 4215, the County shall assume the responsibility for the timely removal, relocation, or protection of existing main or trunkline utility facilities located on the Project Site which are not identified in the Contract Documents provided by County. Contractor shall be compensated for the costs of locating,

repairing damage not due to the Contractor's failure to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Contract Documents with reasonable accuracy, and for equipment on the Project Site necessarily idled during such work. Contractor shall not be assessed Liquidated Damages for delay in completion of the Work when such delay is caused by the failure of the County or the utility provider to provide for removal or relocation of such utility facilities. Nothing in this Paragraph shall be deemed to require the County to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the Project Site can be inferred from the presence of other visible facilities, such as buildings, meters and junction boxes, on or adjacent to the Project Site. If the Contractor encounters utility facilities not identified by the County in the Contract Documents, the Contractor shall immediately notify, in writing, the County. In the event that such utility facilities are owned by a public utility, the public utility shall have the sole discretion to perform repairs or relocation work or permit the Contractor to do such repairs or relocation work at a price determined in accordance with Article 7 herein.

2.3.3 Surveys. Contractor shall be responsible for locating, and shall locate prior to performing any Work, all utility lines, including telephone, cable, television, and fiber optic lines and cables, sewer lines, water pipes, gas lines, electrical lines, including, without limitation, all buried pipelines and buried telephone cables, and shall perform the Work in such a manner so as to avoid damaging any such lines, cables, pipes, and pipelines.

2.3.4 Time for Furnishing. Information or services required of the County by the Contract Documents shall be furnished by the County with reasonable promptness.

2.4 County's Right to Stop the Work

If the Contractor fails to correct Work which is not in accordance with the requirements of the Contract Documents as required by Paragraph 12.2 or fails to carry out Work in accordance with the Contract Documents, the County may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the County to stop the Work shall not give rise to a duty on the part of the County to exercise this right for the benefit of the Contractor or any other person or entity. The County's right to stop the Work is in addition to and without prejudice to any other rights or remedies of the County.

2.5 County's Right to Carry Out the Work

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a forty-eight (48) hour period after receipt of written notice from the County to commence and continue correction of such default or neglect with diligence and promptness, the County may after such forty-eight (48) hour period give the Contractor a second written notice to correct such deficiencies within a second forty-eight (48) hour period. If the Contractor within such second forty-eight (48) hour period after receipt of such second notice fails to commence and continue to correct any deficiencies, the County, without

prejudice to other remedies the County may have, may correct such deficiencies. In such case an appropriate Construction Change Directive shall be issued deducting from payments then or thereafter due the Contractor, the cost of correcting such deficiencies, including compensation for any additional design services and expenses made necessary by such default, neglect, or failure. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the County. The County's right to carry out the Work is in addition to and without prejudice to any other rights or remedies of the County.

2.6 Suspensions of Operations

In addition to the County's right to stop the Work set forth in these General Conditions, the Contractor shall, upon receipt of County's written notice and within the time stated therein, suspend shipment and delivery of material and stop any part or all of the Work and operations under the Contract for such period or periods of time as the County may deem advisable and designate in said notice. Upon receipt of such notice to suspend operations, the Contractor shall immediately confer with the County concerning the probable duration of such suspension and stoppage, delays, and extensions of time resulting therefrom as well as the reduction and possible elimination of the Contractor's field cost and such other costs and expenses as may result directly from such Work stoppage. Upon written notice from the County to resume operations, the Contractor shall promptly resume all or any part of the Work and operations including securing of materials required by said resumption notice. Contractor shall be compensated for suspension in accordance with Article 13 herein.

2.7 Prohibited Interests

No official of the County who is authorized in such capacity and on behalf of County to negotiate, make, accept, or approve, or to take part in negotiating, making, accepting or approving any County structural, engineering, inspection, construction or material supply contract or any subcontract in connection with construction of the Project, shall become directly or indirectly interested financially in this Contract or in any part thereof. No officer, employee, attorney, engineer or inspector of or for County who is authorized in such capacity and on behalf of County to exercise any executive, supervisory or other similar functions in connection with construction of Project shall become directly or indirectly interested financially in this Contract in any part thereof. Contractor shall receive no compensation and shall repay County for any compensation received by Contractor hereunder, should Contractor aid, abet or knowingly participate in violation of this Section.

2.8 County's Right to Order Extraordinary Measures

2.8.1 Non-Compensable Extraordinary Measures. In the event the County determines that the performance of the Work, or any portion thereof, has not progressed or reached the level of completion required by the Contract Documents due to causes within the control of Contractor, the County shall have the right to order the Contractor to take corrective measures necessary to expedite the progress of construction, including, without limitation, (i) working additional shifts or overtime, (ii)

supplying additional manpower, equipment, and facilities and (iii) submitting a recovery schedule for re-sequencing performance of the Work or other similar measures as defined as Extraordinary Measures in Paragraph 1.1 above. Such Extraordinary Measures shall continue until the progress of the Work complies with the stage of completion as required by the Contract Documents. The Contractor shall not be entitled to an adjustment in the Contract Sum in connection with the Extraordinary Measures required by the County under or pursuant to this section. The County may exercise the rights furnished the County under or pursuant to this section as frequently as the County deems necessary to ensure that the Contractor's performance of the Work will comply with the Contract Time or interim completion dates set forth in the Contract Documents. If Contractor or its Subcontractors fail to implement or commence Extraordinary Measures within ten (10) calendar days of County's written demand, County may, without prejudice to other remedies take corrective action at the expense of the Contractor and shall reduce the Contract Sum.

2.8.2 Compensable Extraordinary Measures. County, in its discretion, may issue a written request to the Contractor asking Contractor to submit an itemized proposal for Extraordinary Measures in order to achieve early completion of all or a portion of the Work, due to no fault of the Contractor, in a form acceptable to County within ten (10) calendar days after County's issuance of the Acceleration Proposal Request.

2.9 Authority of the Department and Division

2.9.1 The Division shall represent the County and shall decide, within the provisions of the Specifications and Drawings, all questions which may arise concerning the quality or acceptability of materials furnished and Work performed.

2.9.2 All questions concerning substitutions, selections, materials, colors and textures shall be submitted to the Division for approval.

2.9.3 In all cases requiring interpretation of the Drawings and/or Specifications, the decision of the Division shall be final.

2.9.4 Final determination of the acceptable fulfillment of the Contract on the part of the Contractor shall be made by the Department.

2.9.5 The Director is authorized to represent the County regarding any suspension or termination of this Contract. The Board must approve any assignment of this Contract.

2.10 Authority of Board

The Board has the final authority in all matters affecting the Work.

2.11 Materials Furnished by County.

2.11.1 Materials furnished by the County will be available at locations designed in the Contract Documents, or if not designated in the Contract Documents, they will be delivered to a single location of County's choice within the Project area. They shall be hauled to the site of installation by the Contractor at its expense, including any necessary loading and unloading that may be involved. The cost of handling and placing materials furnished by the County shall be considered as included in the Contract Sum.

2.11.2 The Contractor will be held responsible for all materials furnished to it, and it shall pay all demurrage and storage charges. Furnished materials, after delivery to Contractor, lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the County for the cost of replacing lost or damaged furnished material and such costs may be deducted from any monies due or to become due the Contractor.

3 CONTRACTOR'S DUTIES AND RESPONSIBILITIES

3.1 General

The Contractor shall perform the Work in accordance with the Contract Documents. The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the County, or of the County's Separate Contractors, in their administration of the Contract, or by tests, inspections, or approvals required or performed by persons other than the Contractor.

3.2 Request for Information ("RFI")

If the Contractor encounters any condition which the Contractor believes, in good faith and with reasonable basis, is the result of an ambiguity, conflict, error or omission in the Contract Documents (collectively the "Conditions"), it shall be the affirmative obligation of the Contractor to timely notify the County, in writing, of the Conditions encountered and to request information from the County necessary to address and resolve any such Conditions. If the Contractor fails to timely notify the County in writing of any Conditions encountered and the Contractor proceeds to perform any portion of the Work containing or affected by such Conditions, the Contractor shall bear all costs associated with or required to correct, remove, or otherwise remedy any portion of the Work affected thereby without adjustment of the Contract Time or the Contract Sum. The Contract Time shall not be subject to adjustment in the event that the Contractor fails to timely request information from the County.

3.3 Supervision and Construction Procedures

3.3.1 Contractor's Means and Methods. The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention, and provide sufficient supervision to assure proper coordination and timely completion of Project. The methods and means adopted by the Contractor shall be such as to secure a quality of Work satisfactory to the County and to enable the Contractor to complete the Work by the Contract Time. The Contractor shall be responsible for and have control over construction means, methods, techniques, sequences, and procedures for coordinating all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences, or procedures, the Contractor shall evaluate the jobsite safety thereof and, except as stated below, shall be fully and solely responsible for the jobsite safety of such means, methods, techniques, sequences, or procedures. If the Contractor determines that such means, methods, techniques, sequences, or procedures may not be safe, the Contractor shall give timely written notice within ten (10) calendar days to the County, such notice shall include proposed changes by Contractor, and Contractor shall not proceed with that portion of the Work without further instructions from the County. If the Contractor is then instructed to proceed with the required means, methods, techniques, sequences, or procedures without acceptance of changes proposed by the Contractor, the County shall be solely responsible for any resulting loss or damage.

3.3.2 Contractor's Vicarious Liability. Contractor shall be responsible to County for acts and omissions of Contractor's employees, Consultants, Subcontractors, Sub-subcontractors, and their agents and employees, and any other persons or entities performing any of the Work under a direct or indirect contract (or other arrangement) with the Contractor.

3.3.3 Property Lines and Encroachments. If required by County, prior to the commencement of the Work on the Project Site, County shall have all property corners and benchmarks verified and established by a State licensed land surveyor, shall locate the Project, together with all grades, lines, and levels necessary for the Work, on the Project Site, establishing necessary reference marks from which the Work can progress accurately and shall furnish Contractor with reasonable evidence of such verification, noting any errors, inconsistencies, or omissions discovered during such verification. The Contractor shall not disturb survey monuments, lot stakes (tagged), or bench marks without the consent of the County. The Contractor shall bear the expense of replacing any that may be disturbed without permission. Replacement shall be done only under the direction of a Licensed Land Surveyor or a Registered Civil Engineer authorized to practice land surveying within California. After all lines are staked out and before foundation Work is commenced, Contractor shall review with County the placement of all buildings and other permanent facilities to be constructed on the Site. Any encroachments resulting from the Contractor's locating or constructing the Work on adjacent properties to the Project Site as revealed by a survey of the foundations or an "as-built" survey, except for encroachments arising from errors or omissions not

reasonably discoverable by Contractor in the Contract Documents, shall be the sole responsibility of Contractor, and Contractor shall commence the remedy of such encroachments within thirty (30) calendar days after discovery thereof (unless circumstances require a more rapid response), at Contractor's sole cost and expense, either by the removal of the encroaching improvement (and the subsequent reconstruction of such improvement on the Project Site) or by agreement with the owner of the adjacent property, in a form and substance satisfactory to County in its sole discretion, providing a permanent easement for such encroachment.

3.3.4 Inspection of Work In Place. The Contractor shall be responsible for the inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

3.3.5 Contractor's Representative. Contractor shall employ competent Project Staff as deemed necessary by Contractor. Any Project Staff member and any replacement member shall be subject to the approval of the County. Upon notice from the County requesting replacement of any Project Staff member who is unsatisfactory to the County, Contractor shall in a timely manner, but in no event longer than twenty-four (24) hours after notification, replace such member with a competent member satisfactory to the County.

3.3.5.1 Superintendent. The Contractor shall provide an onsite full-time superintendent to assure proper coordination and timely completion.

3.4 Labor and Materials

3.4.1 Coordination. The Contractor shall coordinate its Work with that of all others on the Project including deliveries, storage, installations, and construction utilities. The Contractor shall be responsible for the space requirements, locations, and staging of its equipment in areas and locations approved by County. Where the proper and most effective space requirements, locations, and routing cannot be made as indicated in the Contract Documents, the Contractor shall meet with all others involved before installation to plan the most effective and efficient method of overall installation.

3.4.2 Temporary or Permanent Work. Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, sewer and electrical utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

3.4.3 Labor Discipline. The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Contract. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them. Contractor shall not permit the possession or use of alcohol or illegal drugs on the jobsite nor shall the Contractor allow an employee, Subcontractor, material

man, or any other person under the influence of alcohol or illegal drugs, or who is otherwise incapacitated to work on the Project.

3.4.4 Skilled Labor. None but skilled workmen shall be employed on any portion of the Work. When required in writing by the County, the Contractor, Subcontractor or Sub-Subcontractor shall discharge any person who is, in the reasonable opinion of the County, incompetent, unfaithful, disorderly or otherwise unsatisfactory, and shall not again employ such discharged person on the Work except with the written consent of the County. Such discharge shall not be the basis of any claim for compensation or damages against the County or any of its officers or agents.

3.4.5 Procurement and Installation of Materials and Equipment. Contractor shall: (i) place orders for all materials and equipment, taking into account current market and delivery conditions necessary to meet the Construction Schedule; (ii) purchase and expedite the procurement of long lead time items to obtain their delivery by the required dates; and (iii) arrange for alternate sources for the supply of critical materials and equipment to maintain the schedule. Should Contractor fail in this duty, County reserves the right to order such materials and equipment as the County may deem advisable to maintain the schedule for the Work or the Contract Time and all expenses shall be charged to and paid for by Contractor within the Contract Sum. Contractor shall keep the County informed of the status of procurement and shall promptly notify County in writing of any materials or equipment which may not be available within the time scheduled or necessary for the Project. The Contractor shall be responsible for the space requirements, locations, and routing of its equipment. In areas and locations where the proper and most effective space requirements, locations and routing cannot be made as indicated, the Contractor shall meet with all others involved, including, but not limited to, County, Architect, and Subcontractors before installation, to plan the most effective and efficient method of overall installation.

3.4.6 Substitution of Materials, Process or Equipment.

3.4.6.1 Whenever any particular material, process, or equipment is indicated in the Contract Documents by patent, proprietary, manufacturer or brand name, with or without the words "or equal", only such items shall be provided unless the County's prior written approval is obtained for the substitution. The burden of proving the quality of any material, process, or equipment proposed for substitution shall rest with the Contractor.

3.4.6.2 If any substitution request offered by the Contractor is not found to be equivalent or cannot be delivered to the Site in compliance with the Project Schedule, Contractor shall furnish and install the material specified in the Contract Documents.

3.4.6.3 Proposals for substitutions shall be submitted to the County using an approved format. Unless otherwise approved in writing by County, no substitution

will be considered or allowed by the County without Contractor's delivery of the following to County:

- (1) A full explanation of the proposed substitution and submittal of all supporting data including technical information, complete manufacturers catalogs, brochures, drawings, samples, warranties, certified copies of test results, installation instructions, operating procedures, and other descriptive information to substantiate Contractor's claim of equivalent quality and necessary for a complete evaluation of the proposal;
- (2) A complete description of the difference between the requirements of the Contract Documents and the proposed substitution, the comparative advantages and disadvantages of each, and the reasons the substitution is advantageous and necessary, including the benefits of the County and the Work in the event the substitution is acceptable;
- (3) A description of aspects of the Contract Documents affected by the proposal;
- (4) The adjustment, if any, in the Contract Sum in the event the substitution is acceptable;
- (5) The adjustment, if any, in the Contract Time and impact to the Construction Schedule;
- (6) The estimated cost of any engineering, design, or agency fees required for Work of all trades directly or indirectly affected by the substitution;
- (7) A list of projects, to the extent known, where the subject of the request was used and the results; and
- (8) Other information reasonably necessary to fully evaluate the substitution request.

3.4.6.4 By submitting a substitution request, Contractor will be deemed to certify to the County that (i) the proposed substitution is equal to or exceeds all requirements of the pertinent Contract Documents as reasonably determined by Contractor; (ii) Contractor accepts the warranty and correction obligations in connection with the proposed substitution as if originally specified; (iii) the cost data presented is complete and includes all related costs under Contract; (iv) Contractor will coordinate the installation of the accepted substitute, making such changes as may be required for the Work to be complete in all respects; (v) Contractor waives all Claims for additional costs related to the substitution which subsequently become apparent; and (vi) Contractor accepts all responsibility for direct or indirect costs and/or time impacts as result of the substitution.

3.4.6.5 Contractor shall submit to County, or its designated representative (i.e. Architect) all requests for substitutions, including products to be reviewed as an approved equal, together with substantiating data, within 20 days after the award of the Contract, or as otherwise stated in the Contract Documents. Following commencement of construction, substitutions requested by the Contractor will be considered only when one or more of the following conditions are met and documented by Contractor:

- (1) Specified item fails to comply with regulatory requirements; or
- (2) Specified item has been discontinued by the manufacturer; or
- (3) Specified item, through no fault of the Contractor, is unavailable in the time frame required to meet the Project Schedule; or
- (4) Specified item, through subsequent information disclosure, will not perform properly or fit in designated space; or
- (5) Manufacturer declares specified product to be unsuitable for intended use or refuses to warrant installation of product.

3.4.6.6 The County has reviewed the technical and aesthetic qualities of materials specified, and in no case will the County accept a substitution of a product with a lower cost which does not extend credit to the County.

3.4.6.7 No incomplete request for substitution will be considered by the County, and products for which insufficient information is submitted will be disapproved by the County for lack of substantiating data.

3.4.6.8 Failure of the Contractor to submit proposed substitutions for approval in the manner described may be deemed sufficient cause for disapproval by the County of any substitution otherwise proposed.

3.4.6.9 Contractor shall proceed with performance of the Work as required by the Contract Documents and shall not modify such requirements in accordance with any substitution request unless the County approves such request in a written order. In the event County approves a substitution request and Contractor furnishes a material, process or article more expensive than that specified, the difference in cost shall be borne entirely by Contractor. Any engineering, design fees or agency fees required to make adjustments in material or work of all trades directly or indirectly affected by the approved substituted item shall be borne entirely by Contractor.

3.4.7 Reference Standards. Any material specified by reference to the number, symbol, or title of a standard such as that of the American Society for Testing Materials ("ASTM"), Underwriters Laboratories, Factory Mutual, a product or commercial

standard, or similar standards, shall comply with the requirements of the latest revisions thereof and any supplement or amendment thereto in effect on the date of the Contract. The standards referred to, except as specifically modified in the Specifications, shall have the same force as if they were printed in full within the Contract Documents. Whenever a product is specified in accordance with such a Reference Standard, the Contractor shall present a certification from the manufacturer and test data to substantiate compliance, when requested by the County or required by the Specifications, certifying that the product complies with the particular standard or specification.

3.4.8 Manufacturer's Instruction. Where it is required in the Contract Documents that materials, products, processes, equipment or the like be installed or applied in accordance with manufacturer's instructions, directions or specifications or words to this effect, it shall be construed to mean that said application or installation shall be in strict accord with current printed instructions furnished by the manufacturer of the material concerned for use under conditions similar to those at the jobsite. If there is a conflict between manufacturer's instructions and Applicable Law or the Contract Documents, Contractor shall notify County in writing to request clarification.

3.4.9 Workmanship, Materials and Manufactured Items. All workmanship, equipment, materials, and articles incorporated in the Work are to be of the most suitable grade of their respective kinds for the purpose; and equipment, materials, and parts shall be new, best quality, undamaged, and free from defects.

3.4.9.1 All materials to be incorporated in the Work shall be protected from damage during shipping, delivery, storage, and handling, and after installation until acceptance of the Work.

3.4.9.2 Material and work quality shall be subject to the Project Manager's approval.

3.4.9.3 Materials and work quality not conforming to the requirements of the Contract Documents shall be considered defective and will be subject to rejection.

3.4.9.4 Defective work or material, whether in place or not, shall be removed immediately from the Site by the Contractor, at its expense, when so directed by the Project Manager.

3.4.9.5 If the Contractor fails to replace any defective or damaged work or material after reasonable notice, the Project Manager may cause such work or materials to be replaced. The replacement expense will be deducted from the amount to be paid to the Contractor.

3.5 Warranty and Correction

3.5.1 Warranty. The Contractor warrants to the County that: (i) materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents; (ii) the Work will be of good quality and free from defects; (iii) the Work will conform to the requirements of the Contract Documents; and (iv) Contractor will deliver a Project free of stop notice claims. Work not conforming to these requirements, including substitutions not properly approved by the County, shall be deemed defective. Contractor warranty excludes improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the County, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty is not limited by the provisions of Paragraph 12.2 herein.

3.5.2 Commencement of Correction Periods. In accordance with Paragraph 12.2 herein, in addition to warranties required elsewhere in the Contract Documents, Contractor shall, and hereby does, warrant all Work for a period of one (1) year commencing from the date of Final Completion of the Work and shall repair or replace any and all such Work, together with any other Work which may be displaced in so doing, that may prove defective in workmanship and/or materials, without expense whatsoever to County.

3.5.2.1 This paragraph does not in any way limit the warranty on any items for which a longer guarantee is specified, or on any items for which a manufacturer gives a warranty for a longer period.

3.5.3 No Limitation. Nothing contained in this Section shall be construed to establish a period of limitation with respect to other obligations that the Contractor might have under the Contract Documents. Establishment of the one-year period for correction of Work relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligation other than specifically to correct the Work. Neither the making of Final Payment nor the use or occupancy of the work, in whole or in part, by County shall constitute acceptance of Work not in accordance with the Contract Documents or relieve the Contractor from liability for faulty or defective Work.

3.5.4 Overlap. Where any warranties provided under the Contract Documents overlap, conflict, or are duplicative, Contractor shall be bound by the more stringent requirements.

3.5.5 County's Right to Correct. If Contractor fails to commence corrections within forty-eight (48) hours after receipt of written notice, County, under the provisions of Article 12 herein, will proceed to have defects repaired and made good at the expense of Contractor and its performance bond surety, plus fifteen percent (15%) for County's

overhead and administrative expense. County may charge such costs against any payment due Contractor. If, in the opinion of the County, defective work creates a dangerous or hazardous condition or requires immediate correction or attention to prevent further loss to the County or to prevent interruption of operations of the County, the County may take immediate action, give notice, make such correction, or provide such attention and the cost of such correction or attention shall be charged against the Contractor. Such action by the County will not relieve the Contractor of the warranties provided in this Section or elsewhere in the Contract Documents.

3.5.6 Procurement and Assignment of Warranties. Contractor shall obtain in the name of County, or transfer or assign to County or County's designee prior to the time of Final Completion of the Work, any and all warranties or guarantees which Contractor is required to obtain pursuant to the Contract Documents and which Contractor obtained from any other person or entity other than Contractor including, but not limited to, Subcontractors and manufacturers, and further agrees to perform the Work in such a manner so as to preserve any and all such warranties. Contractor shall secure written warranties from all Subcontractors in the form approved by County. Contractor and its Subcontractors shall offer any warranty upgrades or extensions that are offered by manufacturers of any equipment or system in the Project to the County.

3.5.7 Survival of Warranties. The provisions of this Paragraph 3.5 shall survive Contractor's completion of the Work or termination of Contractor's performance of the Work.

3.6 Taxes

3.6.1 Payment. The Contractor shall pay all applicable sales, consumer, use, and similar taxes for the Work provided by the Contractor and such taxes shall be included in the Contract Sum.

3.6.2 Liability for Employee Payments. Contractor accepts full liability for the payment of any and all contributions, deductions, or taxes for social security, unemployment insurance, old age and survivor's benefits, medical and health benefits, or for any other purpose not or hereafter imposed under any Applicable Law measured by the wages, salary or other remuneration paid to persons employed by or on behalf of Contractor for the Work. Contractor covenants and agrees to observe and fully comply with all Applicable Law, including procurement of any necessary occupational licenses, permits and inspection certificates.

3.7 Permits, Fees and Notices

3.7.1 Responsibility for Permits and Fees. Except for the permits, approvals, government fees, licenses and inspections which have been identified and designated elsewhere in the Contract Documents to be provided by the County, Contractor shall identify and obtain all permits, certificates, licenses, fees, approvals and inspections necessary or required for the proper execution and completion of the Work, or which are

customarily secured after execution of the Contract and shall submit to County copies of receipts for reimbursement within the Contract Sum. All such permits, licenses and certificates shall be delivered to the County before Contractor submits a final Application for Payment. Unless stated otherwise in the Contract Documents, the County will pay connection fees directly to the utilities for all permanent water and electrical connections.

3.7.2 Notices. The Contractor shall comply with and give notices required by laws, ordinances, rules, regulations, and lawful orders of public authorities applicable to performance of the Work.

3.7.3 Bonds. The Contractor shall procure and pay for all bonds required of the County by any public or private entity with jurisdiction over the project. Contractor shall prepare all applications, supply all necessary backup material, and furnish the surety with any required personal undertakings. The Contractor shall also obtain and pay all charges for all approvals for street closings, traffic regulation, parking meter removal, and other similar matters as may be necessary or appropriate from time to time for the performance of the Work.

3.7.4 Compliance with Applicable Law.

3.7.4.1 Contractor is responsible to perform all Work in accordance with the requirements of local agencies and inspectors having jurisdiction over the Work. If the Contractor observes that any portions of the Contract Documents are at variance with Applicable Law, Contractor shall promptly notify the County in writing.

3.7.4.2 If the Contractor performs any Work when the Contractor knows or should have reasonably known it would be contrary to Applicable Law, Contractor shall assume full responsibility therefore and shall bear all costs (within the Contract Sum) directly or indirectly attributable to the correction of the Work. If Contractor fails to comply with any such codes, laws, ordinances, rules, and regulations, County may (without prejudice to any of its other rights or remedies) issue an order suspending all or any part of the Work.

3.8 Allowances

Contractor shall include in the Contract Sum and Schedule of Values all Allowances provided for in the Contract Documents. Items covered by Allowances shall be supplied for such amounts approved by Owner. All expenditures for Allowances shall be separately itemized in each Application for Payment and are subject to County's prior approval. County shall not reimburse Contractor for Allowance costs in excess of the amounts specified in the Schedule of Values without County's prior written approval of such costs.

3.9 Contractor's Key Personnel and Subcontractors

3.9.1 Contractor's Project Manager. The Contractor's Project Manager, as designated in the Agreement or as otherwise approved in writing by County, shall: (i) be present at the Project Site at all times that any Work is in progress and at any time that any Subcontractor or employee of Contractor is present at the Site; (ii) attend all job meetings; (iii) be actively involved throughout all phases of construction of the Project; (iv) maintain oversight of the Project at all times; (v) have full authority to represent and act on behalf of the Contractor for all purposes under this Agreement; (vi) supervise and direct the Work using his or her best skill and attention; (vii) be responsible for the means, methods, techniques, sequences, and procedures used for the Work; (viii) adequately coordinate all portions of the Work; and (ix) act as the principal contact with County and all Subcontractors and inspectors on the Project. A biography or resume of Contractor's Project Manager, or any proposed designee, shall be submitted to the County at the preconstruction meeting.

3.9.2 Contractor's Key Personnel. In addition to its designated Project Manager, Contractor represents to County that certain additional key personnel, designated in the Agreement or as otherwise approved in writing by County, including but not limited to, the superintendent, will perform services required by the Contract Documents. County may at any time elect to add job categories to the Contractor's key personnel list.

3.9.3 Changes in Contractor's Project Manager, Key Personnel and Subcontractors. Contractor shall not make changes to its Project Manager, key personnel or Subcontractors, or reduce their responsibilities for this Project without the prior written approval of the County. Prior to making any changes to the Project Manager, key personnel, or Subcontractors, the Contractor shall submit the qualifications and experience of the Contractor's proposed replacement for the County's approval. If County determines, in its sole discretion, that the performance of any person or entity employed by Contractor is unsatisfactory, then at the written request of County, Contractor shall remove, reassign, or replace such individual or entity without increase in the Contract Sum and such individual or entity shall not be reemployed on the Project without the prior written approval of County.

3.9.4 Qualifications and Licenses. Work furnished by or on behalf of Contractor shall be performed by persons: (i) qualified to perform the Work assigned to them; and (ii) licensed to practice their respective trades or professions where required by Applicable Law in the State where the Project is located. Contractor's Project Manager, key personnel, and Subcontractors shall be experienced in projects of similar nature and complexity to the Project and must provide County with resumes of education, training, and relevant experience whenever requested and shall be approved by County prior to their assignment to the Project.

3.10 Documents and Samples at the Site

3.10.1 As-Built and Record Documents. Contractor shall maintain at the Project Site and shall make available to County, one copy of the Contract Documents, Addenda, requests for information, bulletins, Change Orders and other Modifications to the Contract Documents, approved Construction Documents, Shop Drawings, Product Data, Samples and mock-ups, permits, inspection reports, test results, daily logs, schedules, subcontracts, and purchase orders in good order (the "Record Documents"). The Record Documents shall include a set of As-Built Construction Documents, which shall be continuously updated during the prosecution of the Work. The prints for As-Built Construction Documents will be a set of blackline prints produced by Contractor and approved by County at the start of construction. Contractor shall maintain said set in good condition and shall use colored pencils to mark-up said set with "record information" in a legible manner to show; (i) deviations from the County-approved Construction Documents made during construction; (ii) details in the Work not previously shown; (iii) changes to existing conditions or existing conditions found to differ from those shown on any existing Construction Documents; (iv) the actual installed position of equipment, piping, conduits, light switches, electric fixtures, circuiting, ducts, dampers, access panels, control valves, drains, openings, and stubouts; and (v) such other information as County may reasonably request.

3.10.2 Condition to Payment. Contractor's obligation to keep Record Documents current, including As-Built Construction Documents, and to make them available to County is a condition precedent to County's duty to process Applications for Payment. The Contractor shall provide a written certification of this monthly review, signed by the County's Project Manager, and attach same to each Application for Payment. Within thirty (30) calendar days after Substantial Completion or earlier termination of the Agreement and as a condition precedent to Final Payment, Contractor shall provide final approved Record Documents including, but not limited to, As-Built Construction Documents and approved Shop Drawings. Contractor's obligations under Paragraph 3.10 shall survive completion of the Work or termination of Contractor's performance of the Work.

3.10.3 Daily Logs. Contractor shall maintain a daily log containing a record of weather, Contractor's own forces working on Site, Subcontractors working on the Site, number of workers for each Subcontractor on Site, materials delivered, Work accomplished, problems encountered and other similar relevant data as the County may reasonably require. The daily log shall be signed by Contractor's Superintendent, submitted within 24 hours (next working day) to County's Project Manager and shall be made available to others as directed by County.

3.11 Shop Drawings, Product Data and Samples

3.11.1 Shop Drawings. Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor, Subcontractor, Sub-

subcontractor, manufacturer, supplier, or distributor to illustrate some portion of the Work.

3.11.2 Product Data. Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

3.11.3 Samples. Samples are physical examples which illustrate materials, equipment, or workmanship and establish standards by which the Work will be judged.

3.11.4 Purpose. Shop Drawings, Product Data, Samples, and similar submittals ("Submittals") are not Contract Documents. The list of required Submittals is designated in the Specifications. The purpose of these Submittals is to demonstrate for those portions of the Work for which submittals are required by the Contract Documents, the way by which the Contractor proposes to conform to the information given and expressed in the Contract Documents.

3.11.5 Contractor's Submittals.

3.11.5.1 Prompt Submittals. The Contractor shall review for compliance with the Contract Documents, confirm, and deliver to the County, Submittals within the timeframes required by the Contract Documents and with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the County or of separate Contractors. Contractor's complete and timely submission of submittals in conformity with the Submittal Schedule (identified in the Specifications) is a material consideration of the Contract. In the event that the County reasonably determines that all or any portion of any Submittal fails to comply with the requirements of the Contract Documents and/or such Submittals are not otherwise complete and accurate so as to require re-submission more than one time, Contractor shall bear all costs (within the Contract Sum) associated with the review and approval of such resubmitted Submittals. No adjustment to the Contract Time or the Contract Sum shall be granted by the County to the Contractor on account of Contractor's failure to make timely submission of any Submittals.

3.11.5.2 Contractor's Confirmation of Submittals. After checking and verifying all field measurements and after complying with applicable procedures specified in the Specifications, Contractor shall submit to County in compliance with the Submittal Schedule for review and approval, or for other appropriate action, one (1) reproducible transparency (sepia) and four (4) opaque prints (unless otherwise specified in the Specifications) of all Shop Drawings and other Submittals, which shall bear a stamp or specific written indication that Contractor has satisfied Contractor's responsibilities under the Contract Documents with respect to the review of the Submittal. All Submittals will be identified as the County may reasonably require and shall include at a minimum the name of the Project, name of the Contractor, be numbered consecutively and referenced to the Project Drawings or Specification section affected. Submittals shall be combined for singular

assemblies, items or materials. The data shown on the Shop Drawings must be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data in order to enable County to review the information as required.

(1) Before submission of each Submittal, Contractor shall have determined and verified quantities and dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar data with respect thereto and reviewed and coordinated each Submittal with other Submittals and with the requirements of the Work and the Contract Documents.

(2) Shop Drawings shall show in detail the size, sections, and dimensions of all members; the arrangement and construction of all connections and joints, and other pertinent details; also, all holds, straps, and other fittings required by other contractors for attaching their work. When required by the County, engineering computations shall be submitted. The Contractor shall be responsible for delivering copies of Shop Drawings to all other persons whose work is dependent thereon.

(3) At the time of each submission, Contractor shall give County specific written notice of each variation that the Submittal may have from the requirements of the Contract Documents, and, in addition, shall cause a specific notation to be made on each Submittal submitted to County for review and approval of each such variation.

(4) If the Shop Drawings or manufacturer's data show variations from the Contract Document requirements because of standard shop practice or other reason, the Contractor shall make specific mention of such variations in its letter of transmittal.

(5) By reviewing and submitting Shop Drawings, Product Data, Samples, and similar submittals, the Contractor represents that the Contractor has determined and verified materials, field measurements and conditions related thereto, and has checked and coordinated the information contained within such Submittals with the requirements of the Work, of the Contract Documents and of the Shop Drawings for related Work.

3.11.6 Review by County. Unless Contractor is notified in writing of a specific need for an extended period of time due to the nature or extent of the Shop Drawings being submitted, County shall utilize its best efforts to complete Shop Drawing review within a maximum of ten (10) calendar days. Submittals made by Contractor which are not required by the Contract Documents may be returned without action by the County. County's review and approval will be general and for compliance with design intent and information given in the Contract Documents and shall not extend to means, methods,

techniques, sequences, or procedures of construction (except where a specific means, method, technique, sequence, or procedure of construction is indicated in or required by the Contract Documents). Review of Shop Drawings shall not relieve the Contractor from the responsibility for proper fitting and construction of the Work, nor from furnishing materials and work required by the Contractor which may not be indicated on the reviewed Shop Drawings. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions. Contractor shall make corrections required by County, and shall return the required number of corrected copies of Submittals and submit as required new Submittals for review and approval. Contractor shall direct specific attention in writing to any and all revisions other than the corrections called for by County on previous Submittals.

3.11.7 Performance. The Contractor shall perform no portion of the Work requiring review of Submittals until the County has reviewed the respective Submittal. Such Work shall be in accordance with the approved Submittals and the Contract Documents, and no Work shall be started without obtaining prior written approval from the County.

3.11.8 Approved Submittals. The Work shall be performed in accordance with approved Submittals and the Contractor shall not be relieved of responsibility for variations from requirements of the Contract Documents by the County's approval of Shop Drawings, Product Data, Samples, or similar submittals unless the Contractor has specifically informed the County in writing of such deviation at the time of submittal and a Change Order or Construction Change Directive has been issued, authorizing the variations. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by the County's approval thereof.

3.11.9 Resubmission. Contractor shall direct specific attention, in writing, on resubmitted Shop Drawings, Product Data, Samples, or similar submittals, to revisions other than those required by the County on previous submittals. In the absence of such written notice the County's approval of a resubmission shall not apply to such revisions.

3.11.10 Conflicts, Errors or Omissions. If Contractor discovers any conflicts, omissions, or errors in Shop Drawings or other submittals, Contractor shall notify the County and receive written instruction before proceeding with the affected Work.

3.11.11 Maintenance at Site. The Contractor shall maintain at the Site of the Project, at all times, a complete file of County reviewed Shop Drawings and manufacturers' data of his own and all Subcontractors.

3.12 Site Conditions

3.12.1 The Contractor represents that it has taken the necessary steps to ascertain the nature, location and extent of the Work, and that it has investigated and satisfied itself as to the general and local conditions which are applicable to the Work, such as:

- (1) conditions bearing on transportation, disposal and storage of materials;
- (2) the availability of labor, water, power and roads;
- (3) normal weather conditions;
- (4) physical conditions at the Site;
- (5) the conditions of the ground;
- (6) the character of equipment and facilities needed prior to and during the performance of Work

3.12.2 To the extent the Contractor encounters subsurface conditions or hazardous materials which differ materially from that actually known by the Contractor, or from those ordinarily known to exist or contained in information about the Site made available to Contractor prior to the deadline to submit bids, or generally recognized as inherent in the area, then notice by the Contractor shall be immediately given to the County, before conditions are disturbed, and in no event later than two (2) business days after the first observance of the conditions. If such conditions could not have been reasonably identified by Contractor's Site investigations and available existing data, and the Contractor incurs an increase or decrease in costs or delays as a result of such concealed conditions, such conditions may be subject to a Change Order.

Should any existing utilities or services be disturbed, disconnected or damaged during construction, the Contractor shall be responsible, at no additional cost or time to the County, for all expenses and consequential damages of whatever nature arising from such disturbance or the replacement or repair thereof and shall repair such items as required to maintain continuing service, including emergency repairs.

3.12.3 The Contractor is responsible for foreseeable site conditions and toxic materials to the extent described in the Contract Documents and/or could be reasonably inferred by the Contractor based on its experience and expertise on similar projects.

3.12.4 **Reserved.**

3.12.5 The Contractor shall verify the location and depth (elevation of all existing utilities and services before performing excavation Work.

3.13 Use of Site

3.13.1 Site Constraints. Prior to mobilization on the Project Site, the Contractor shall submit to the County for approval a Site Constraint Plan including layout drawings to scale as required to fully describe the proposed locations of all temporary construction facilities and controls. This plan shall show the proposed activities in each portion of the Work area and identify the areas of limited use or nonuse. This plan shall also show proposed vehicle access routes and traffic control. Contractor shall confine operations at the Project to the areas designated in the Contract Documents and the approved Site Constraint Plan and within the hours permitted by codes, laws, ordinances, permits, or the County, and shall not unreasonably encumber the Project Site or the adjoining sidewalks, streets, and alleyways with any material, equipment, or debris. In that

regard, Contractor shall keep the Site and surroundings clean and in a safe condition in accordance with Paragraph 3.15 herein and the Specifications. Contractor shall use only those locations designated on the approved Site Construction Plan for locating Contractor's trailers, staging areas, lay-down areas, and other construction operations. The Contractor shall not unreasonably encumber the Site with any materials or equipment, nor permit any persons on the Site, or any activity at the Site, except as the presence of those persons, or that activity, is directly related to the Project. The Contractor shall be liable for any and all damage caused by it to the County premises.

3.13.2 Coordination. Contractor expressly acknowledges that County, its own forces, and County's Separate Contractors may be working simultaneously with Contractor on the Project during certain periods of time in certain portions of the Project Site. Contractor and County will take all steps necessary in connection with the construction Work not to interfere with the use and occupancy of the Project Site by County's Separate Contractors and personnel to minimize any interruption of services to such person, including, without limitation, utilities, ingress and egress, and parking. Contractor further agrees to coordinate its construction activities with all others performing work on the Project Site, including deliveries, storage, and installation. Contractor shall meet and consult with County from time to time at County's request to insure that Contractor and County are fully advised of all other construction activities on the Project Site, and Contractor shall take such steps as are reasonably necessary at County's request to coordinate its Work with the Work of County's Separate Contractors on the Project Site.

3.13.3 Security. The Contractor shall be responsible for providing security at the Site of the Work with all such costs included in the Contract Sum. A temporary fence shall surround the Project Site unless otherwise required by County. All security provided by Contractor shall be coordinated with County's existing security personnel, if any. In addition, the Contractor shall take all necessary precautions and provide enclosures, barricades, security guards, signs, notices, shoring, bracing, passageways, lights, and such other materials, equipment, and services as may be required (including, without limitation, such protections as may be required by Applicable Laws) for the protection of: (i) all person who may be on the Project Site or in other areas affected by the Contractor's operations; and (ii) the County's and any third party's personal and real property. Contractor shall execute all repairs to land, roadways, structures, utilities, sidewalks, parkways and alleys damaged by the operations under this Contract.

3.13.4 Utility Interruption. When it is necessary to interrupt any existing utility service, a minimum of fourteen (14) calendar days advance written request for interruption of services shall be given by the Contractor to the County. Interruption of these services shall be of the shortest possible duration and shall be approved by the County in advance of such interruption. In the event that such notices and approvals are not secured prior to interruption in utility services the Contractor shall be financially liable for any and all damages suffered by the County and third parties due to unauthorized interruption.

3.13.5 Parking. The Contractor shall coordinate and obtain all construction related parking. The cost of all Contractor parking shall be included in the Contract Sum.

3.14 Cutting and Patching

3.14.1 Responsibility. Contractor shall be responsible for cutting, fitting, or patching required to complete the Work or to make its parts fit together properly.

3.14.2 Separate Contractors. Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the County or County's Separate Contractors by cutting, patching, or otherwise altering such construction, or by excavation. Contractor shall not cut or otherwise alter such construction by the County or a Separate Contractor except with written consent of the County.

3.14.3 Finish Surfaces. Cutting, drilling or other mechanical change to surfaces constituting final finish, including but not limited to, glass, marble, tile mosaic, finish wood, finish metals, etc., necessary for the fastening, installation, securing, and/or insertion of any devices, equipment, and/or materials shall be accomplished with special care. If requested by the County, Contractor shall submit procedures for finish changes to be done by any trades other than the one installing the specific finish material. Failure to obtain County approval shall place full responsibility upon the Contractor for any extra cost occasioned by unacceptable finish surface.

3.15 Cleaning Up

3.15.1 Continuous Obligations. The Contractor shall keep the Project Site and surrounding area free from accumulation of waste materials or rubbish at all times. As construction is completed on a daily basis, paved surfaces adjoining the Project shall be broomed clean and other surfaces of the Project Site raked clean. If the Contractor defaults or neglects to maintain the Project free from accumulation of waste and rubbish as set forth above, and fails within a twenty-four (24) hour period after receipt of oral notice, subsequently confirmed in writing, to commence and continue correction of such default or neglect with diligence and promptness, the County may after such twenty-four (24) hour period, immediately, without prejudice to other remedies the County may have, correct such deficiencies. In such case, an appropriate Construction Change Directive shall be issued deducting from payments then and thereafter due the Contractor the cost of correcting such deficiencies. If payment then and thereafter due the Contractor is not sufficient to cover such amounts, the Contractor shall pay the difference to the County on demand.

3.15.2 Cleaning and Environmental Controls.

- (1) Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- (2) Remove waste materials, debris and rubbish from site and dispose off site legally.

- (3) The Contractor shall take appropriate action to insure that no dust originates from the Project Site.
- (4) Spoil sites shall not be located where spoil shall be washed back into a street gutter, storm drain, runoff conveyance or ocean.
- (5) Water containing mud, silt, or other pollutants from activities, shall not be allowed to enter the ocean or placed in locations that may be subject to storm runoff.

3.15.3 Water Pollution Control. Contractor must comply with all requirements of the California State Water Resources Control Board, including the statewide General Permit for Discharges of Storm Waters Associated with Construction Sites (See Order No. 2009-0009-DWQ). This includes, but is not limited to, paying all appropriate fees, filing all required documentation, and complying with all the regulations of the State Water Resources Control Board.

As part of the County's Storm Water Management Program, implementation of minimum Best Management Practices (BMPs) is required for this Contract. The Contractor is directed to comply with applicable requirements of the BMPs that are specified under this section to reduce pollutants from entering the storm drain system.

The Contractor shall maintain copies of these BMP fact sheets (guidance paper) at the Project Site and shall make these fact sheets available during construction activities. Best Management Practices shall be defined as any program, technology, progress, siting criteria, operating method, measure, or device that controls, prevents, removes, or reduces pollution. These BMPs have been selected from the California Storm Water Best Management Practice Handbook, Municipal Industrial, and Construction Volumes (May 1993). These handbooks contain a full description of each BMP and provide for its implementation. Copies of the handbook may be obtained from:

San Bernardino County
Environmental Management Division
825 East Third Street – Room 201
San Bernardino, CA 92415-0835
Telephone No. (909) 387-8112

As a minimum, the Contractor shall implement the following BMPs in conjunction with all its activities construction operations:

- B.1. Site Planning Consideration
- B.2. Preservation of Existing Vegetation (ESC02)
- Construction Practices
- Structure Construction and Painting (CA03)
- Spill Prevention and Control (CA12)
- Dust Control (ESC21)
- Storm Drain Inlet Protection (ESC54)

- B.3. Vehicle & Equipment Management
Vehicle & Equipment Cleaning (CA30)
Vehicle & Equipment Maintenance (CA32)
- B.4. Material Management
Solid Waste Management (CA20)
Concrete Waste Management (CA23)
Sanitary/Septic Waste Management (CA24)

3.15.3.1 Additional BMPs. Contractor may be required to implement additional BMPs as a result of a change in actual field conditions, Contractor activities, or construction operations. When more than one BMP is listed under each category, the Contractor shall select the appropriate and necessary BMPs in order to achieve the BMP objective.

3.15.3.2 Enforcement. The County, as a permittee, is subject to enforcement actions by the Regional Water Quality Control Board, U.S. Environmental Protection Agency, environmental groups and private citizens. The Contractor shall be responsible for the costs and for any liability imposed by law as a result of the Contractor's failure to comply and/or less than complete implementation with the requirement set forth in this section "Water Pollution Control". Cost and liabilities include, but are not limited to, fines, penalties and damages whether assessed against the County or the Contractor. In addition to any remedy authorized by law, so much of the money due to the Contractor under the Contract that shall be considered necessary by the County may be retained by the County until disposition has been made of the costs and liabilities.

3.15.3.3 Maintenance. Contractor shall ensure the proper implementation and functioning of BMPs control measures, and shall regularly inspect and maintain the construction site for the BMPs identified in Section 3.15.3 above. The Contractor shall identify corrective actions and time frames to address any damaged measures or reinstate any BMPs that have been discontinued.

3.15.4 Final Completion. In order to achieve Final Completion of the Work, the Contractor must remove from and about the Project waste materials, rubbish, the Contractor's tools, construction equipment, machinery, and surplus materials as well as the requirements set forth in the Contract Documents. In addition to the general cleaning, the Contractor must perform the following special cleaning requirements:

- (1) Remove putty stains from glazing, then wash and polish glazing;
- (2) Remove marks, stains, fingerprints, and other soil or dirt from glass, painted, stained, or decorated work;
- (3) Remove temporary protection and clean and polish floors and waxed surfaces;
- (4) Clean and polish hardware and plumbing trim; remove stains, dust, dirt, plaster, and paint;
- (5) Remove spots, soil, plaster, and paint from tile work, and wash tile;

- (6) Clean all fixtures and equipment, remove excess lubrication, clean light fixtures and lamps, polish metal surfaces;
- (7) Vacuum-clean carpeted surfaces and remove any stains; and
- (8) Remove debris from roofs, downspout, and drainage system.

3.16 Access to Work

The Contractor shall provide the County and its respective Project Managers, Consultants, and other persons authorized by the County, access to the Work in preparation and progress wherever located. Contractor shall provide safe and proper facilities for such access and for inspection.

3.17 Royalties, Patents and Copyrights

3.17.1 Contractor Must Secure Rights. The Contractor shall secure in writing from all patentees, copyright holders, and assignees of all Project-related documents, all copyrights, assignments, and licenses related to such expression (e.g., designs, drawings, Contract Documents, specifications, documents in computer form, etc.) as necessary to allow the County the full, unlimited, and unencumbered use of that expression for the execution, operation, maintenance, modernization or expansion of the Project. The Contractor shall immediately convey all such copyrights, assignments, and licenses to the County without reservation. In the case of products, materials, systems, etc., protected by patent, the Contractor shall not specify or cause to be specified any infringing use of a patent. The Contractor shall pay all royalties and license fees.

3.17.2 Infringement. Should the Contractor become aware of or receive notice of potential infringement of any intellectual property right related to the Project, regardless of the source of that awareness or notice, in addition to its indemnity obligation, the Contractor shall (a) immediately cease the copying and any other activity which is the potential source of infringement; and within seven (7) calendar days (b) investigate the potential infringement; (c) submit to the County copies of all documents relating to that awareness, the notice, or the object thereof; and (d) issue to the County a complete written response and analysis of the potential infringement and the course of action recommended by the Contractor. The Contractor shall submit to the County a supplement of the initial report within seven (7) calendar days of the Contractor's receipt of, or awareness of, additional related information. Nothing in this Agreement shall be deemed to relieve the Contractor of its obligations under this Article, nor shall the County's receipt of the information indicated in this Article give rise to any duty or obligation on the part of County.

3.17.3 Assignment of Rights. The Contractor offers and agrees to assign to the County all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act [Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code of the State of California], arising from purchases of goods, services or materials pursuant to the performance of the Work. This assignment will be made

and become effective at the time the County tenders Final Payment to the Contractor, without further acknowledgement by the Parties.

3.18 Indemnification

To the fullest extent possible permitted by law, Contractor assumes liability for and agrees, at the Contractor's sole cost and expense, to promptly and fully indemnify, defend (with counsel reasonably approved by County) (even if the allegations are false, fraudulent, or groundless), and hold harmless the County and its authorized officers, employees, agents and volunteers (Indemnitees) from and against any and all claims (including claims against the County seeking compensation for labor performed or materials used or furnished to be used in the work or alleged to have been furnished on the project, including all incidental or consequential damages resulting to the County from such claims), allegations, actions, suits, arbitrations, administrative proceedings, regulatory proceedings, or other legal proceedings, demands, losses, costs, damages, judgments, liens, stop notices, penalties, anticipated losses of revenue and/or liability, and expenses (including, but not limited to, any fees of accountants, attorneys, experts or other professionals, or investigation expenses) arising out of, resulting from, or in any way (either directly or indirectly) related to the contract, the work, the project or any breach of the Contract by Contractor (or any of its officers, agents, employees, subcontractors, or any person performing any of the work, or from any cause whatsoever, including the acts, errors or omissions of any person and for any costs or expenses incurred by the Indemnitees on account of any claim except where such indemnification is prohibited by law. This indemnification provision shall apply regardless of the existence or degree of fault of indemnitees. The Contractor's indemnification obligation applies to the Indemnitee's "passive" negligence but does not apply to the Indemnitee's "sole" or "active" negligence or "willful misconduct" within the meaning of Civil Code section 2782 provided such "active" negligence or "willful misconduct" is determined by agreement of the parties or by findings of a court. In instances where an Indemnitee's "active" negligence accounts for only a percentage of the liability for the claim involved, the obligation of the Contractor will be for that entire percentage of liability for the claim not attributable to the "active" negligence or "willful misconduct" of the Indemnitees. The County shall be consulted with regard to any proposed settlement.

The duty of the Contractor to indemnify and hold harmless the Indemnitees includes the separate and independent duty to defend the Indemnitees, which duty arises immediately upon receipt by Contractor of the tender of any claim from the County. The Contractor's obligation to defend the County shall be at Contractor's sole expense, and not be excused because of the Contractor's inability to evaluate liability or because the Contractor evaluates liability and determines that the Contractor is not liable. The duty to defend shall apply whether or not a claim has merit or is meritless, or which involves claims or allegations that any or all of the Indemnitees were actively, passively, or concurrently negligent, or which otherwise asserts that the Indemnitees are responsible, in whole or in part, for any claim. The Contractor shall respond within thirty (30) calendar days to the tender of any claim for defense and/or indemnity by the County, unless the County agrees in writing to an extension of this time. The defense provided to the Indemnitees by Contractor shall be by well qualified, adequately insured, and experienced legal counsel acceptable to the County Counsel.

It is the intent of the parties to the Contract that the Contractor and its subcontractors of all tiers shall provide the Indemnitees with the broadest defense and indemnity permitted by law. In the event that any of the defense, indemnity, or hold harmless provisions are found to be ambiguous, or in conflict with one another, it is the parties' intent that the broadest and most expansive interpretation in favor of providing defense and/or indemnity to the Indemnitees be given effect.

Contractor shall ensure, by written subcontract agreement, that each of Contractor's subcontractors of every tier shall protect, defend, indemnify and hold harmless the Indemnitees with respect to all claims arising out, in connection with, or in any way related to each such subcontractor's work in the same manner in which Contractor is required to protect, defend, indemnify, and hold the Indemnitees harmless. In the event Contractor fails to obtain such defense and indemnity obligations from its subcontractors as required herein, Contractor agrees to be fully responsible to the Indemnitees according to the terms of this Section.

Contractor's indemnification and defense obligations set for in this Section are separate and independent from the insurance requirements and do not limit, in any way, the applicability, scope, or obligations set forth in such insurance requirements. The purchase of insurance by the Contractor with respect to the obligations required herein shall in no event be construed as fulfillment or discharge of such obligations.

Contractor's obligations under this Section are binding on Contractor's and its subcontractors' successors, heirs and assigns and shall survive the completion of the work or termination of the Contractor's performance of the work.

3.19 Signs and Advertising

Contractor shall not place or maintain any advertising signs, bills, or posters, nor shall it allow the same to be placed in or about the Project Site, or on any structure, fence, or barricade located on the Project Site, except as may be specified herein or approved in writing by the County, which approval shall not be unreasonably withheld, delayed, or conditioned. County shall have the right to reasonably approve the size, style, text, and location of any Contractor sign placed on the Project Site or on any structure, fence, or barricade located at the Project Site. Notwithstanding any other provision of the Contract Documents, County shall have complete discretion with respect to placement of Subcontractor and Sub-subcontractor signs on the Project Site.

3.20 Coordination with Neighboring Property

Contractor shall coordinate with adjoining property businesses, tenants, and their customers and contractors to provide access to neighboring property and shall implement measures to minimize disruption to operations and occupancy of neighboring property businesses, tenants, and their customers and contractors.

3.21 Nondiscrimination

During the term of the Contract, Contractor shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act and other applicable Federal, State and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

3.22 Mandatory Provisions in Specifications

Any mention in the sections of the Specifications or indication on the Drawings of articles, materials, operations, or methods requires that the Contractor provide each item mentioned or indicated, or quality or subject or qualifications noted. The Contractor shall perform according to conditions stated each operation prescribed, and provide therefore all necessary labor, equipment, transportation and incidentals, even though such mention of articles, materials, operations, methods, quality, qualifications or conditions is not expressed in complete sentences.

3.23 Plans and Specifications

3.23.1 Unless otherwise provided in the Contract Documents, the County will furnish the Plans and Specifications to the successful Contractor on electronic media (CD) at no cost. If the successful Contractor requires a paper copy of the Plans and Specifications the Division will provide one copy without charge. Any additional paper copies will be provided by the Division to Contractor at \$0.10 per page.

3.23.2 Familiarity with Plans and Specifications.

3.23.2.1 Contractor shall carefully examine the Contract Documents, all applicable codes and the Site. The submission of a bid shall be conclusive evidence that the Contractor has investigated and has personal knowledge of the conditions to be encountered as to character, quality, scope of Work to be performed, and quantities of materials to be furnished. Submission of a bid also infers that the Contractor has knowledge of the use to which the Work is to be put, and the climatological conditions to which it shall be exposed. Any uncertainties by the Contractor shall be submitted to the County in writing at least eight (8) days (or within the time designated in the Advertisement for Bids, Instructions to Bidders, or otherwise in Bid Documents) prior to the opening of bids, and failure to do so constitutes a waiver of any future claim.

3.23.2.2 It shall be the responsibility of Contractor to be so thoroughly familiar with all details of the Project, including all Contractor and Subcontractor work, that the following shall be brought to the attention of the County for clarification in sufficient time to give the County time to respond before an error is made in the bid or in construction:

- (1) Errors and omissions in the Drawings and Specifications;
- (2) Work shown on the Drawings or in the Specifications which, if so constructed, would result in confusion or interference with other work or the work of other trades, including the location of fixtures and equipment.
- (3) Any noted violations of applicable codes.

3.23.2.3 Changes to the Contract Sum will not be approved for the cost of correction work where such work could have been avoided by proper examination of the Drawings and Specifications by the Contractor, and the Work will be held in abeyance pending instructions from the County.

3.23.3 Interpretation of Plans and Specifications.

3.23.3.1 In general, the Drawings will show dimensions, positions, and kind of construction; and the Specifications will define materials, quantities, and methods. Any Work called for on the Drawings and not mentioned in the Specifications, or vice versa, shall be performed as though fully set forth in both. Work not particularly detailed, marked or specified, shall be the same as similar parts that are detailed, marked or specified.

3.23.3.2 Every part of the Work, as shown on the Drawings and described in the Specifications, must be complete and finished. No deviations are to be made from the Drawings or Specifications without previously obtaining written authorization from the County. Failure to obtain such written clarification from the County will constitute waiver of any claim by Contractor related to such conflict or inconsistency.

3.23.3.3 The Drawings shall be accurately followed as to scale, except where figures are given to determine dimensions, which in all cases shall be calculated from figures shown on the Drawings and take preference to scale measurements. Large scale details take precedence over small drawings in all cases, full-scale drawings have preference. Obvious discrepancies between scale and figured dimensions, not marked "not to scale," must be brought to the County's attention before proceeding with the Work affected by the discrepancy. Failure to submit any such discrepancies in writing shall constitute a waiver of future claims.

3.23.3.4 Architectural and structural Drawings take precedence over electrical and mechanical Drawings in regard to location and arrangement of fixtures, outlets, and equipment. Electrical and mechanical Drawings take precedence in describing and

specifying equipment and in describing the diagrammatic requirements. If the Contractor has any question regarding precedence noted in this Paragraph, a written clarification shall be obtained from the County, and the failure to do so constitutes a waiver of any claim.

3.23.3.5 Should an error or inconsistency be found in the Specifications or Drawings, or in the Work done by others affecting Contractor's Work, the Contractor shall notify the County at once, and the County will issue instructions as to procedure. If the Contractor proceeds with the Work so affected without such instructions, it will make good any resulting damage or defects in his or adjacent work. This includes typographical errors in the Specifications and notational errors on the Drawings where doubtful of interpretation.

3.23.3.6 The general character of the detailed Work is shown on the Drawings, but minor modifications may be made in details when needed to more fully explain the Work and the same shall be considered part of the Contract. Should any detail submitted after award of Contract, in the opinion of the Contractor, be more elaborate than the scale Drawings and the Specifications indicate, written notice thereof shall be given to the County prior to the performing the Work pursuant to Article 7. The claim will then be considered and, if justified, said detail drawings will be amended or the extra work authorized. Contractor's failure to provide the County with the required notice shall relieve the County of any claim.

3.23.3.7 Where on any Drawing a portion of the Work is drawn out and the remainder is indicated in outline, the drawn-out parts shall apply also to all other like portions of the Work. Where ornament or other detail is indicated on starting only, such detail shall be continued throughout the course of parts in which it occurs and shall also apply to all other similar parts in the Work unless otherwise indicated.

3.23.4 Accuracy of Plans and Specifications

3.23.4.1 Omissions from the Plans and Specifications shall not relieve the Contractor from the responsibility of furnishing, making, or installing all items required by law or code or usually furnished, made or installed in a project of the scope and general character indicated by the Plans and Specifications.

3.23.4.2 The topography of Site and existence and location of utilities indicated on Plans are in accordance with the best information obtainable, but cannot be guaranteed. They shall be investigated and verified at the Site by the Contractor before starting the Work. The Contractor shall be held responsible for any damage to, and for maintenance and protection of, existing utilities, fences and remaining structures.

3.23.5 Division of Specifications.

For convenience, the Specifications are arranged in various trade sections, but such segregation shall not be considered as limiting the Work of any Subcontractor or trade. The Contractor shall be solely responsible for all Subcontractor arrangements of the Work regardless of the location or provision in the Specifications.

3.24 Contractor Responsibility

The Contractor shall be responsible for all acts and omissions of Contractor's agents, employees, and Subcontractors and their respective agents and employees.

3.25 Meetings

Construction meetings shall be held at the jobsite as scheduled by the County's Project Manager or as requested by the Contractor. Details regarding jobsite meetings will be arranged at the pre-construction conference.

3.26 Sanitation and Power Supply

3.26.1 Sanitation.

Adequate sanitary conveniences of an approved type for the use of persons employed on the Site, and properly secluded from the public observation, shall be provided and maintained by the Contractor in such a manner and at such points as shall be required by the County. These conveniences shall be maintained at all times without nuisance and their use shall be strictly enforced. Upon completion of the Work, they shall be removed from the premises, leaving the premises clean and free from nuisance.

3.26.2 Power Supply.

All electrical power required for construction uses or other purposes shall be provided by the Contractor at Contractor's expense.

3.27 Clean Air Act, Clean Water Act, Environmental Protection Agency, Energy Efficiency, and California State Water Resources Control Board

During the performance of this contract, the Contractor and all Subcontractors shall:

3.27.1 Comply with all applicable standards, orders, or requirements issued under the Clean Air Act of 1970 (including section 306), including all amendments, and all regulations implementing the Clean Air Act.

3.27.2 Comply with all applicable standards, orders, or requirements issued under the Clean Water Act of 1972 (including section 508), including all amendments, and all regulations implementing the Clean Water Act.

3.27.3 Comply with all applicable standards, orders, or requirements issued under Environmental Protection Agency regulations.

3.27.4 Comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Public Law 94-163), including all amendments, and all regulations implementing the Energy Policy and Conservation Act.

3.27.5 Comply with all requirements of the California State Water Resources Control Board, including the statewide General Permit for Discharges of Storm Waters Associated with Construction Sites (See Order No. 2009-009-DWQ). This includes, but is not limited to, paying all appropriate fees, filing all required documentation, and complying with all the regulations of the State Water Resources Control Board.

3.28 Travel Management Policy

Contractor shall adhere to the County's Travel Management Policy (08-02 and 08-02SP1) when travel is pursuant to this Contract and for which reimbursement is sought from the County. In addition, Contractor is encouraged to utilize local transportation services, including but not limited to, the Ontario International Airport.

4 ADMINISTRATION OF THE CONTRACT

4.1 County's Project Representative

The County's Project Manager identified by the County in writing is the County's Project Representative. The County's Project Manager shall serve as a single point transmission of County's instructions and approvals, and receive all information required to be provided by Contractor. County's Project Manager shall be on-site on an as-needed basis to monitor progress, quality of work, and Contract and schedule compliance.

4.2 Administration of the Contract

4.2.1 Site Visits. The County's Project Manager will visit the Site at intervals appropriate to the stage of the Contractor's operations to become familiar with the progress and quality of the portion of the Work completed and to determine if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents.

4.2.2 No Estoppel. Neither the County nor its Project Manager will be responsible for Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The County and its Project Manager will not be responsible for acts or omissions of the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work. Approval and/or acceptance of all or any portion of the Work shall in no way relieve the Contractor from its obligation to construct each portion of the Work in accordance with the Contract

Documents and the County shall not be estopped or otherwise prevented from asserting any claim it might have against the Contractor as a result of any such acceptance or approval.

4.2.3 Determination of Payment Amounts by Project Manager. The County's Project Manager will review Contractor's Application for Payment and determine the amount of payment due Contractor.

4.2.4 Rejection of Work Testing and Inspection. The County has the authority to reject Work that does not conform to the Contract Documents. Whenever the County considers it necessary or advisable, it will require inspection or testing of the Work in accordance with Paragraph 15.5 below, whether or not such Work is fabricated, installed or completed. However, neither this authority nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the County to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees, or other persons or entities performing portions of the Work.

4.2.5 Submittal Review. The County will review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data, and Samples.

4.2.6 Contract Modifications. The County's Project Manager will prepare Change Orders, Construction Change Directives, and written amendments to the Contract. All Change Orders, Construction Change Directives, and written amendments to the Contract involving changes in the Contract Sum or Contract Time require approval by Director and/or Board.

4.2.7 Substantial Completion and Project Closeout. The County's Project Manager will conduct inspections to determine the date or dates of Substantial Completion and the date of Final Completion, review written warranties and related close-out documents required by the Contract and assembled by the Contractor, and will issue a final authorization for payment upon Contractor's satisfaction of the requirements of the Contract Documents.

4.3 Claims and Disputes

4.3.1 Definitions. The term "Claim" or "Claims" shall mean a separate demand by the Contractor for: (i) a time extension (ii) payment of money or damages arising from Work done by or on behalf of the Contractor pursuant to this Contract and payment of which is not otherwise expressly provided or the Contractor is not otherwise entitled to; or (iii) an amount the payment of which is disputed by the County.

4.3.2 Notification of Third-Party Claims. County shall provide Contractor with prompt written notice upon County's receipt of any third party claim relating to the Contract.

4.3.3 Notice and Time Limits on Claims. If the Contractor wishes to make a Claim for an increase in the Contract Sum or an extension of the Contract Time, the Contractor shall give the County written notice thereof within ten (10) calendar days after the occurrence of the event giving rise to such Claim. The written notice must comply with the requirements of this Article 4 and Article 8, if applicable, herein. This notice shall be given by the Contractor before proceeding to execute Work affected by the event, except in an emergency endangering life or property, in which case the Contractor shall proceed in accordance with Article 10 below.

4.3.4 Resolution. The County will issue a Change Order, a Construction Change Directive, or a written amendment to the Contract, to Contractor within a reasonable period of time after County's approval of any Claim, specifying the additional cost and/or time, if any, approved by County.

4.3.5 Continuing Contract Performance. Contractor shall not delay or postpone any Work pending resolution of any disputes or disagreements, except as the County and Contractor may otherwise agree in writing. Pending final resolution of a Claim, the Contractor shall proceed diligently with performance of the Contract and the County shall continue to make payments for undisputed Work in accordance with the Contract Documents. In the event of disputed work, County shall have the right to unilaterally issue a Construction Change Directive and Contractor shall continue performance pending resolution of the dispute and shall maintain the accounting and cost data described in Paragraph 7.4 herein.

4.3.6 Claims for Concealed or Unknown Conditions. The Contractor shall promptly, and before the following conditions are disturbed, notify the County, in writing, of any:

- (1) Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
- (2) Subsurface or latent physical conditions at the Site differing from those indicated by information about the Site made available to bidders prior to the deadline for submitting bids.
- (3) Unknown physical conditions at the Site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents.

4.3.6.1 The County shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work, shall issue a Change Order or written amendment to the Contract, under the procedures described in the Contract.

4.3.6.2 In the event that a dispute arises between the County and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of

any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all Work to be performed under the Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties.

4.3.7 Claims for Additional Cost and/or Time.

4.3.7.1 General. If Contractor wishes to make a Claim for an increase in the Contract Sum and/or Contract Time, Contractor shall provide written notice within ten (10) calendar days, as provided in Paragraph 4.3.3 herein, before proceeding to execute the Work. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Article 10. If the Contractor believes additional cost is involved for reasons including, but not limited to: (i) any written interpretation; (ii) a Verbal Change in the Work as more specifically described in Subparagraph 7.5.2 below; (iii) failure of payment by the County; or (iv) any order by the County to stop Work where the Contractor was not at fault, Contractor shall file Claims in accordance with the procedures established herein. Compliance with the notice and Claim submission procedures described in this Paragraph is a condition precedent to the right to commence litigation, file a Government Code Claim, or commence any other legal action. No claim or issues not raised in a timely notice and timely Claim submitted under this Paragraph may be asserted in any Government Code Claim, subsequent litigation, or legal action.

4.3.7.1.1 The provisions of Section 4.3 and 4.4 constitute a non-judicial claim settlement procedure, and also step one of a two step claim presentment procedure by agreement under Section 930.2 of the California Government Code. Specifically, step one is compliance with this contract claims procedure and filing/administering timely contract claims in accordance with the Contract Documents. Step two is filing a timely Government Code Section 910 claim in accordance with the California Government Code. Any Government Code Section 910 claims shall be presented in accordance with the Government Code and shall affirmatively indicate Contractor's prior compliance with the claims procedure herein and previous dispositions under the claims procedure. These provisions shall survive termination, breach or completion of the Contract. Contractor shall bear all costs incurred in the preparation and submission of a claim.

4.3.7.2 Certification of Claim.

(1)

Contractor, under penalty of perjury under the laws of the State of California, shall submit with the Claim its and its Subcontractors' certification that:

(a) The Claim is made in good faith;

(b) Supporting data are accurate and complete to the best of the Contractor's knowledge and belief; and

(c) The amount requested accurately reflects the Contract adjustment for which the Contractor believes the County is liable.

(2) The certification shall be executed by an officer or general partner of the Contractor having overall responsibility for the conduct of the Contractor's affairs.

(3) If a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, California Government Code Sections 12650 et seq.) the County will be entitled to the remedies set forth in the California False Claims Act in addition to all other remedies provided by law. The Contractor may be subject to criminal prosecution.

(4) In regard to any Claim or portion of a Claim for Subcontractor work, the Contractor shall fully review said Claim and certify said Claim, under penalty of perjury under the laws of the State of California, to have been made in good faith and in accordance with this Contract.

(5) Failure to furnish certification as required hereinbefore will result in the Contractor waiving its rights to the subject Claim.

4.3.7.3 Content of Written Notice. Contractor shall waive all rights to assert a Claim for Additional Cost and/or Time unless such notice is given as required in this Section. The written notice shall set forth:

(1) The date of the event or occurrence giving rise to the claim and, if applicable, the date when the event ceased;

(2) The nature of the event or occurrence and reasons for which the Contractor believes additional cost and/or time will or may be due;

(3) The quantification of the costs involved together with the accounting and cost data described in Section 7.4 herein;

(4) A Critical Path Method ("CPM") schedule analysis supporting any request for any additional time; and

(5) Contractor's plan for mitigating such costs and/or delay.

4.3.7.4 Back-up Documentation. In addition to the initial ten (10) day written notice required herein, Contractor shall submit detailed backup documentation for its Claim including, but not limited to, contract provisions, specifications, drawings, Request for Information, correspondence, meeting minutes, and the like, within thirty (30) calendar days from Contractor's initial written notice. Failure to provide either

this backup documentation or an explanation acceptable to the County for the cause of the Contractor's delay in submitting this documentation as herein indicated shall constitute Contractor's waiver of any and all rights associated with the Claim. Except where provided by law, the County shall not be liable for special or consequential damages, and claims shall not include special or consequential damages.

4.3.7.5 Remedies Related to Delays.

- (1) For Claims relating to extensions of Contract Time, due to Compensable County-Caused delays, as described in Article 8 herein, Contractor may be entitled to an equitable adjustment of the Contract Sum and Contract Time provided Contractor otherwise complies with this Paragraph 4.3.
- (2) For Claims relating to extensions of Contract Time due to Non-Compensable Force Majeure events, as described in Article 8 herein, Contractor may be entitled to an equitable adjustment of the Contract Time, subject to the limitations set forth in Article 8 below, but shall not be entitled to adjustment of the Contract Sum.
- (3) For Claims relating to extensions of the Contract Time due to rain delays/inclement weather, Contractor shall not be entitled to adjustment of the Contract Time unless and until the number of unworkable days due to the effects of rain/inclement weather exceed the number of days set forth in Subparagraph 8.4.1.3 below. In such event, the Contract Time shall be equitably adjusted, but Contractor shall not be entitled to adjustment of the Contract Sum.

4.4 Dispute Resolution

4.4.1 Claims between the County and the Contractor of \$375,000.00 or less shall be resolved in accordance with the procedures established in Part 3, Chapter 1, Article 1.5 of the California Public Contract Code Sections 20104 et seq.; provided however that California Public Contract Code Section 20104.2(a) shall not supersede the requirements of the Contract Documents with respect to the Contractor's notification to the County of such claim or extend the time for giving of such notice as provided in the Contract Documents.

4.4.1.1 Pursuant to Public Contract Code Section 20104(c), the current provisions of Article 1.5 of Chapter 1 of Part 3 of the Public Contract code (commencing with Section 20104) dealing with the mediation and arbitration of public works claims are incorporated herein and applicable provisions are set forth below.

Public Contract Code Section 20104 (a)(1): This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b)(1) "Public work" means "public works contract" as defined in Section 1101 but does not include any work or improvement contracted for by the state or the Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.

Public Contract Code Section 20104.2: For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b)(1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c)(1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

Public Contract Code Section 20104.4: The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b)(1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of

Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of the trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.

Public Contract Code Section 20104.6: (a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

4.4.1.2 Pursuant to Assembly Bill 626 (2015-2016 Reg. Sess.) the text of Public Contract Code section 9204 is included as follows:

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

- (A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.
- (B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.
- (C) Payment of an amount that is disputed by the public entity.
- (2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.
- (3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.
- (B) "Public entity" shall not include the following:
- (i) The Department of Water Resources as to any project under the jurisdiction of that department.
 - (ii) The Department of Transportation as to any project under the jurisdiction of that department.
 - (iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.
 - (iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.
 - (v) The Military Department as to any project under the jurisdiction of that department.
 - (vi) The Department of General Services as to all other projects.
 - (vii) The High-Speed Rail Authority.
- (4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.
- (5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.
- (d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is

undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

4.4.2 Except as provided for in Subparagraph 4.4.1, any other claims, disputes or other matters in controversy shall be resolved as follows. In lieu of, or prior to litigation, the Parties shall endeavor to settle disputes by mediation in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect unless the Parties mutually agree otherwise to a different method of alternative dispute resolution. Mediation shall be non-binding and utilize services of a mediator mutually acceptable to the Parties. If the Parties cannot agree on a mediator, then the American Arbitration Association shall appoint a mediator trained in construction industry disputes.

4.4.3 Any dispute which cannot be resolved between the Parties shall be resolved through litigation in a court of competent jurisdiction of the State of California. Venue for any such litigation concerning this Project or Agreement shall be in the Superior Court of California, San Bernardino County, San Bernardino District and Contractor agrees to incorporate this provision into all subcontracts.

4.4.3.1 Each Party hereby waives any law or rule of court that would allow them to request or demand a change of venue. If any third party brings an action or claim concerning this Contract, the Parties hereto agree to use their best efforts to obtain a change of venue to the Superior Court of California, San Bernardino County, San Bernardino District.

5 SUBCONTRACTORS

5.1 Award of Subcontracts

5.1.1 Subcontractor Listing. The Contractor shall list its Subcontractors, and shall make no substitution except in accordance with Public Contract Code Sections 4100 et seq. ("Subcontractor Listing Law").

5.1.1.1 Substitution Process. Any request of the Contractor to substitute a listed Subcontractor will be considered by the County only if such request is in strict conformity with this Paragraph 5.1 and Chapter 4 of the California Public Contract Code (commencing with Section 4100). All costs and fees, including all costs of the hearing, incurred by the County in the review and evaluation of a request to substitute a listed Subcontractor shall be borne by the Contractor; such costs and fees may be deducted by the County from the Contract Sum then or thereafter due the Contractor. For purposes of a hearing for the substitution of subcontractors (pursuant to the Public Contract Code commencing with Section 4100) the awarding

authority shall be the Director of the Project and Facilities Management Department, or his/her designee.

5.1.1.2 Responsibilities of Contractor upon Substitution of Subcontractor. Neither the substitution nor the County's consent to Contractor's substitution of a listed Subcontractor shall relieve Contractor from its obligation to complete the Work within the Contract Time and for the Contract Sum. In the event that the County determines that revised or additional Submittals are required of the newly substituted Subcontractor, the County shall promptly notify the Contractor, in writing, of such requirement and the time for Submittal. In the event that the revised or additional Submittals are not submitted by Contractor within the time specified, Contractor shall be solely responsible for delays in the Work arising from the untimely Submittal. Contractor shall reimburse the County for all fees and costs incurred or associated with the processing, review and evaluation of any revised or additional Submittals required pursuant to this paragraph; the County may deduct such fees and costs from any portion of the Contract Sum then or thereafter due the Contractor. In the event that additional or revised Submittals are required pursuant to this paragraph, such requirement shall not result in an increase to the Contract Time or the Contract Sum.

5.2 Subcontractor Relations

5.2.1 Agreements. By appropriate written agreement, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work, which the Contractor, by Contract Documents, assumes toward the County. Each such agreement shall preserve and protect the rights of the County under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by the Contract Documents, has against the County. The Contractor shall require each Subcontractor to enter into similar agreements with their Sub-subcontractors. The Contractor shall make available to each Subcontractor, prior to the execution of the agreement, copies of the Contract Documents to which the Subcontractor will be bound by this Paragraph. At a minimum, each agreement shall:

- (1) Require that the Work being performed pursuant to such agreement, as the case may be, be performed in accordance with the requirements and intent of the Contract Documents and provide no less than five percent (5%) retainage unless otherwise indicated in Agreement between the County and Contractor;
- (2) Require submissions of Applications for Payment in the form required by the Contract Documents, together with invoices and billings supporting such applications and conditional and unconditional lien releases in the

form required by the Contract Documents completed by it and by its Sub-Subcontractors as a condition to the disbursement of any progress payment next due and owing to it;

- (3) Require the Subcontractor, Sub-Subcontractor or supplier, as the case may be, to maintain insurance coverage as provided in the Contract Documents and to file required certificates of such coverage and additional insured endorsements with County, and, upon County's request, to provide copies of such insurance policies to County.
- (4) Require each Subcontractor, Sub-Subcontractor, and supplier to furnish to Contractor or the applicable Subcontractor, as the case may be, in a timely fashion all information necessary for transmittal of Submittals and the reports required herein;
- (5) Require that each Subcontractor and supplier continue to perform under its subcontract if the Contract is terminated and if County takes an assignment of the subcontract or supply agreement and requests the Subcontractor or supplier to continue such performance;
- (6) Require each Subcontractor, Sub-Subcontractor, and supplier to remove all debris created by its activities;
- (7) Provide that in the event that County accepts the conditional assignment of the subcontract, County shall only be responsible to the Subcontractor for those obligations that accrue subsequent to County's acceptance of the assignment;
- (8) Require the Subcontractor to resolve all disputes involving County according to the dispute resolution procedure established in Paragraph 4.4 herein;
- (9) Contractor shall cause each subcontract to expressly include the following requirement:

"The County and entities and agencies designated by the County shall have access to and the right to audit and the right to copy at the County's cost all of Subcontractor's and supplier's books, records, contracts, correspondence, instructions, Drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work. Subcontractor shall preserve all such records and other items for a period of at least five (5) years after Final Completion." and
- (10) Require the Subcontractor engaged upon the Site to arrange the storage of materials and equipment and performance of his Work so as to interfere as little as possible with other persons engaged in Work for the County upon the same Site.

5.2.2 Precedence. If any provision of any Subcontractor supply agreement is inconsistent with any provision of the Contract Documents or the intent of the Contract Documents, then the Contract Documents shall control.

5.2.3 Payments. Contractor shall make payment to Subcontractor within seven (7) days of receipt of each progress payment, in accordance with Public Contract Code Section 10262 and Business and Professions Code Section 7108.5. County hereby reserves the right, upon written notice to Contractor, to make, at any time, and from time-to-time, payments directly to each Subcontractor, and, if such rights shall be exercised by County, then such amount shall be credited against the Contract Sum due to Contractor hereunder and County shall be relieved and released from the obligation to make such payment to Contractor and Contractor shall be relieved and released as to County from the obligation to make such payments to each Subcontractor paid by County, but not from any of the other obligations and responsibilities of Contractor to County under the Contract Documents.

5.2.4 Contractor Responsibility. The Contractor shall be responsible for all acts and omissions of Subcontractors and for all Contract Work regardless of any subcontracts. All interest of the County in the Subcontractor's work shall be coordinated through the Contractor.

5.3 Contingent Assignment of Subcontractor and Material Supply Agreements

Each Subcontractor and supplier agreement for a portion of the Work is assigned by the Contractor to the County provided that:

- (1) Assignment is effective only after termination of the Contract by the County only for those subcontracts which the County accepts by notifying the Subcontractor or supplier, and Contractor in writing;
- (2) Assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract; and
- (3) Upon exercise of this right of assignment, County has the right to reassign the agreement.

6 CONSTRUCTION BY COUNTY OR BY SEPARATE CONTRACTORS

6.1 County's Right to Perform Construction and to Award Separate Contracts

6.1.1 County's Right to Perform. The County reserves the right to perform construction or operations related to the Project with the County's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the Site. If the Contractor claims that delay or additional cost is involved because of such action by the County, the Contractor shall make such Claim as provided in Paragraph 4.3 herein.

6.1.2 Reserved.

6.1.3 Coordination. The County shall provide for coordination of the activities of the County's own forces and of each Separate Contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with other Separate Contractors and the County in reviewing their construction schedules when directed to do so. The Contractor shall make any revisions to the Construction Schedule deemed necessary after a joint review and mutual agreement. Upon County's written approval, the revised Construction Schedule shall then constitute the schedule to be used by the Contractor, Separate Contractors, and the County until subsequently revised and approved by County.

6.1.4 Cooperation. Each Contractor or Subcontractor engaged upon the Site shall arrange the storage of materials and equipment and performance of his work so as to interfere as little as possible with other persons engaged in work for the County upon the same Site.

6.2 County's Right to Clean Up

If a dispute arises among the Contractor, Separate Contractors, and the County as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the County may clean up and allocate the cost among those responsible.

6.3 Independent Testing

6.3.1 County Testing. The County will employ and pay for services of an independent testing laboratory to perform services specifically required by the governing code authority, as detailed in the Specification, and as additionally requested by County.

6.3.2 Contractor Duties. The Contractor shall:

- (1) Notify the County and the testing laboratory sufficiently in advance of the required test to allow for its assignment of personnel and scheduling of tests;
- (2) Cooperate with testing and inspection personnel provide access to the Work and to offsite fabrication facilities;
- (3) Furnish copies and records of mill test reports;
- (4) Employ and pay for services of the same independent testing laboratory to perform additional inspections, sampling, and testing required when initial tests indicate Work does not comply with Contract requirements;
- (5) Be responsible for all scheduling of inspections and tests; and

- (6) Not proceed with Work requiring inspection if the appropriate inspector is absent.

6.3.3 Material testing. All material testing which conforms to or meets specified standards in the following categories shall be paid for by the County. Material tests in the following categories which fail to meet specified standard shall be paid for by the Contractor:

- (1) Soil density tests
- (2) Concrete compression tests
- (3) Grout compression tests
- (4) Mortar compression tests
- (5) Testing of masonry units
- (6) Testing of reinforcing steel
- (7) Structural steel
- (8) Anchors and fasteners

Unless stated otherwise in the Contract Documents, any other required or specified tests shall be paid by the Contractor and shall be performed by a qualified testing laboratory approved by the County.

7 CHANGES IN THE WORK

7.1 General

7.1.1 County's Right to Order Changes. The County, without invalidating the Contract, may authorize changes in the Work consisting of additions, deletions, or other revisions, with the Contract Sum and Contract Time being adjusted accordingly, if necessary. All such changes in the Work shall be authorized by Change Order, Construction Change Directive, or Written Amendment to Contract, and Contractor shall perform such changes in the Work according to the applicable requirements of the Contract Documents. The County is not required to provide notice to Contractor's sureties of Change Orders, Contract Change Directives or Written Amendment to Contract.

7.1.2 Basis for Agreement. A Change Order or Written Amendment to Contract shall be based upon agreement between the County and Contractor. A Construction Change Directive may or may not be agreed to by the Contractor.

7.1.3 No Estoppel. Changes in the Work shall be performed under applicable provisions of the Contract Documents. The Contractor shall proceed promptly with the change, unless otherwise provided in the Change Order, Construction Change Directive, or Written Amendment to Contract. A change in the Contract Sum or the Contract Time shall be accomplished only by Change Order, Construction Change Directive, or Written Amendment to Contract. Accordingly, no course of conduct or dealings between the Parties, nor express or implied acceptance of alterations or additions to the Work and no Claim that the Contract has been abandoned or the County has been unjustly enriched by any alteration or addition to the Work shall be the basis of any Claim to an increase in any amounts due under the Contract Documents or a change in any time period provided for in the Contract Documents.

7.1.4 Change in Work. The County may at any time make any change, modification or addition to the Work by written Change Order, Construction Change Directive, or Written Amendment to Contract, including but not limited to changes:

- (1) in the Specifications or Drawings;
- (2) in the sequence, method or manner of performance of the Work;
- (3) in the County furnished facilities, equipment, materials, services or Site; or
- (4) directing acceleration in the performance of the Work.

7.2 Change Orders

7.2.1 Computation. Methods used in determining adjustments to the Contract Sum by Change Order or Written Amendment to Contract may include those listed in Paragraph 7.4 below.

7.2.2 Accord and Satisfaction. Agreement on any Change Order or Written Amendment to Contract shall be a full compromise and settlement of all adjustments to Contract Time and Contract Sum, and compensation for any and all delay, extended or additional field and home office overhead, disruption, acceleration, inefficiencies, lost labor or equipment productivity, differing site conditions, construction interferences and other extraordinary or consequential damages (hereinafter called "Impacts"), including any ripple or cumulative effect of said Impacts on the overall Work under the Contract arising directly or indirectly from the performance of Work described in the Change Order or Written Amendment to Contract. By execution of any Change Order or Written Amendment to Contract, Contractor agrees that the Change Order or Written Amendment to Contract constitutes a complete accord and satisfaction with respect to all claims for schedule extension, Impacts, or any costs of whatsoever nature, character or kind arising out of or incidental to the Change Order or Written Amendment to Contract. No action, conduct, omission, product failure or course of dealing by the County shall act to waive, modify, change, or alter the requirement that (i) Change Orders, Construction Change Directive, or Written Amendment to Contract must be in writing, signed by the County and Contractor and; (ii) that such written Change Orders,

Construction Change Directives, or Written Amendment to Contract are the exclusive method for effectuating any change to the Contract Sum and/or Contract Time.

7.3 Construction Change Directives

7.3.1 Use. A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

7.3.2 Duty to Proceed. Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the Work involved and advise the County of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.

7.3.3 Disagreement. If the Contractor does not promptly indicate its disagreement with the method of pricing provided in the Construction Change Directive, Contractor shall be deemed to agree with the method of pricing the change. If the Contractor indicates its disagreement with the method of pricing or if no method of pricing is provided in the Construction Change Directive, the increase in cost or credit to the Contract Sum for the change shall be determined by cost in accordance with Subparagraph 7.4.1(3) and the provisions of Subparagraphs 7.4.2, 7.4.3 and 7.4.4 shall apply to the change.

7.3.4 Agreement. A Construction Change Directive is effective immediately whether or not it is signed by the Contractor. If the Contractor signs a Construction Change Directive such agreement shall be effective immediately and shall be recorded as a Change Order.

7.4 Computation of Cost or Credit for Changes

7.4.1 Cost or Credit. The cost or credit to the County resulting from a change in the Work shall be determined by County by one or more of the following methods:

- (1) Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
- (2) Unit prices stated in the Contract Documents or subsequently agreed upon;
- (3) By cost, as defined in (a), (b), (c) and (d) below, properly itemized and supported by sufficient substantiating data to permit evaluation, plus agreed to markup for overhead and profit as defined in (e) below. Such costs shall be itemized by craft directly allocable to the change in the Work:
 - (a) Cost of materials, including cost of transportation and delivery;

- (b) Cost of labor, including social security, and unemployment insurance, and fringe benefits required by agreement and Workers' Compensation insurance;
- (c) Rental value of equipment and machinery, exclusive of hand tools;
- (d) Sales tax; insurance; permit costs and bond premiums;
- (e) Mark-up to Contractor, Subcontractors, and Sub-subcontractor for overhead, profit and other expenses which are not specifically included in (a) through (d) above shall not exceed the following amounts:
 - (i) Fifteen (15%) of the cost of that portion of the Extra Work to be performed by the Contractor with its own forces.
 - (ii) Fifteen percent (15%) of the cost of that portion of the Work to be performed by a Subcontractor or Sub-subcontractor with its own forces, plus 5% for the Contractor. Total combined Contractor, Subcontractor, and Sub-subcontractor fee shall not exceed 20%.
- (f) Cost of Extra Work shall not include any of the following:
 - (i) Superintendent(s)
 - (ii) Assistant Superintendent(s)
 - (iii) Project Engineer(s)
 - (iv) Project Manager(s)
 - (v) Scheduler(s)
 - (vi) Estimator(s)
 - (vii) Incidental Drafting or Detailing
 - (viii) Small tools (Replacement value does not exceed \$300)
 - (ix) Office expenses including staff, materials and supplies
 - (x) On-Site or off-site trailer and storage rental and expenses
 - (xi) Site fencing
 - (xii) Utilities including gas, electric, sewer, water, telephone, facsimile, copier equipment

(xiii) Data processing personnel and equipment

(xiv) Federal, state, or local business income and franchise taxes

7.4.2 Credits. The amount of credit to be allowed by the Contractor to the County for a deletion or change, which results in a net decrease in the Contract Sum, shall be actual net cost as determined herein. The amount of deduct/credit for liquidated damages shall be in accordance with the Agreement. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase/decrease, if any, with respect to that change.

7.4.3 Contractor Maintenance of Records. In the event that Contractor is directed to perform any changes to the Work, or should Contractor encounter conditions which the Contractor believes would obligate the County to adjust the Contract Sum and/or the Contract Time, Contractor shall maintain detailed records of the cost of such changes on a daily basis. Such records shall include without limitation hourly records for labor and construction equipment and itemized records of materials and equipment used each day in connection with the performance of any change to the Work. In the event that more than one change to the Work is performed by the Contractor in a calendar day, Contractor shall maintain separate records of labor, construction equipment, materials, and equipment for each such change. In the event that any Subcontractor or Sub-subcontractor, of any tier, shall provide or perform any portion of any change to the Work, Contractor shall require that each such Subcontractor and Sub-subcontractor maintain records in accordance with this Article. Each daily record maintained hereunder shall be signed by Contractor's Project Representative; such signature shall be deemed Contractor's representation and warranty that all information contained therein is true, accurate, complete, and relates only to the change referenced therein. All records maintained by a Subcontractor and Sub-subcontractor, of any tier, relating to the costs of a change in the Work shall be signed by such Subcontractor's authorized Project Manager or Superintendent. Such records shall be forwarded to County's Project Manager on the day the Work is performed (same day) for independent verification. In the event that Contractor shall fail or refuse, for any reason, to maintain or make available for inspection, review, and/or reproduction such records, adjustments to the Contract Sum or Contract Time, if any, on account of any change to the Work shall be determined by County which shall be binding upon Contractor. Contractor's obligation to maintain records hereunder is in addition to, and not in lieu of, any other Contractor obligation under the Contract Documents with respect to changes to the Work.

7.4.4 Payment of Undisputed Amounts. Pending final determination of the total cost of a Change, amounts not in dispute for such changes in the Work shall be included in Applications for Payment accompanied by an approved Change Order, Construction Change Directive or Written Amendment to Contract, indicating the Parties' agreement with part or all of such costs.

7.5 Authority to Approve Changes

7.5.1 County's Project Manager's Authority. The County's Project Manager must authorize any change in the Work. Such changes shall be effected by written order approved by the Director or San Bernardino County Board of Supervisors and shall be binding on the Contractor.

7.5.2 Verbal Changes. Any oral order, direction, instruction, interpretation, or determination from the County (collectively "Verbal Change") which, in the opinion of the Contractor, causes a Scope Change in the Work, or otherwise requires an adjustment to the Contract Sum or the Contract Time, shall be treated as a Change Order Request only if the Contractor gives the County written notice within ten (10) calendar days of the Verbal Change and prior to acting in accordance therewith. Time is of the essence in Contractor's written notice pursuant to the preceding sentence, so that the County can promptly investigate and consider alternative measures to address the Verbal Change giving rise to Contractor's notice. Accordingly, Contractor acknowledges that its failure, for any reason, to give written notice within ten (10) calendar days of such Verbal Change shall be deemed Contractor's waiver of any right to assert or Claim any entitlement to an adjustment of the Contract Time or the Contract Sum on account of such Verbal Change. The written notice shall state the date, circumstances, extent of adjustment to the Contract Sum or the Contract Time, if any, requested and the source of the Verbal Change. Any such Verbal Change shall not be treated as a change and the Contractor hereby waives any Claim for any adjustment to the Contract Sum or the Contract Time on account thereof.

7.5.3 Unauthorized Work. Any Work performed by the Contractor not indicated on the Contract Documents or any changes in the Work performed or provided by the Contractor without notice to the County and written approval by County, shall be considered unauthorized by the County and performed at the sole expense of the Contractor. Unauthorized work so performed will not be measured or paid for and no extension of Contract Time will be granted on account thereof. Any such unauthorized work may be ordered removed at the Contractor's sole cost and expense. The failure of the County to direct or order removal of such unauthorized work shall not constitute acceptance or approval of such work nor relieve the Contractor from any liability on account thereof.

7.6 County Originated Proposal Request

County may issue a request, in writing, to Contractor, describing a proposed change to the Work and requesting the Contractor submit an itemized proposal in a format acceptable to County within ten (10) calendar days after County issues the request. The Contractor's proposal shall include an analysis of impacts to Contract Sum and Contract Time, if any, to perform additional work, or delete Work, as applicable, including the effects and impacts, if any, on unchanged Work, estimates of costs (broken down by the cost categories listed in the Agreement and/or Paragraph 7.4 herein), and Contractor's proposed methods to minimize costs, delay, and disruption to the performance of the Work. If Contractor fails to submit a written proposal within such period of time, it shall be presumed that the change described in

the County's original proposal request will not result in an increase to the Contract Sum or Contract Time and the change shall be performed by Contractor without additional compensation. County's proposal request does not authorize the Contractor to commence performance of the change, unless otherwise specified in writing. If County desires that the proposed change be performed, the Work shall be authorized according to the Change Order or Construction Change Directive procedures set forth above.

7.7 Contractor Originated Change Order Request (COR)

If the Contractor alleges that instructions issued by the County after the effective date of the Contract may result in changes to the Contract Sum or Contract Time or if the Contractor otherwise becomes aware of the need for or desirability of a change in the Work, Contractor may submit a written Change Order Request ("COR") to the County in writing, in a format acceptable to County and in accordance with the notice provisions and other requirements of Paragraph 4.3 above for Claims. The COR must specify the reasons for the proposed change, cost impacts and relevant circumstances and impacts on the Construction Schedule. The document shall be complete in its description of the Work, its material and labor quantities and detail, and must support and justify the Costs and credits claimed by the Contractor. A CPM schedule fragment is required to support and justify any additional Contract Time of performance requested by the Contractor. The County will not review any COR which is incomplete. The Contractor may request additional compensation and/or time through a COR but not for instances that occurred more than ten (10) calendar days prior to the notice date. Contractor's failure to initiate a COR within this ten-day period or to provide detailed back-up documentation to substantiate the COR within thirty (30) calendar days of the initial written notice shall be deemed a waiver of the right to adjustment of the Contract Sum or the Contract Time for the alleged change. Any COR that is approved by the County will be incorporated in a Change Order, Construction Change Directive or Written Amendment to Contract. If the COR is denied by the County, the Contractor shall not proceed with the Work described in the COR.

7.8 Audit Rights

With respect to any Change Order, Construction Change Directive or Written Amendment to Contract resulting in an increase in the Contract Sum, the Contractor shall afford (and shall require its Subcontractors to afford) access to the County at all reasonable times to any books, correspondence, instructions, receipts, vouchers, memoranda and records of any kind relating thereto, all of which shall be maintained by the appropriate parties for a period of at least five (5) years from and after the date the County makes payment on account of such Change Order, Construction Change Directive or Written Amendment to Contract. The Contractor authorizes the County (and shall require its Subcontractors to authorize the County) to check directly with any suppliers of labor and material with respect to any item chargeable to the County, to confirm balances due and to obtain sworn statements and waiver of liens, all if the County so elects.

8 SCHEDULE AND EXTENSIONS OF TIME

8.1 Definitions

8.1.1 Contract Time. The Contract Time is the period of time allocated in the Contract Documents from the date of commencement provided in County's Notice to Proceed for Final Completion of the Work.

8.1.2 Commencement. The Date of Commencement of the Work is the date provided in County's Notice to Proceed.

8.1.3 Substantial Completion. The date of Substantial Completion is the date determined by County and certified by the County in accordance with Paragraph 9.6 below and the terms of this Agreement.

8.2 Progress and Completion

8.2.1 Time is of the Essence. Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement and any Modifications relating to Substantial Completion or Contract Time the Contractor agrees and confirms that the Contract Time is a reasonable period for performing the Work and that Contractor is able to complete the Work by that date.

8.2.2 Commencement. The Contractor shall not knowingly prematurely commence operations on the Site or elsewhere prior to the effective date of insurance and bonds required to be furnished by the Contractor to County as specified in the Agreement. The Date of Commencement of the Work shall not be changed by the effective date of such insurance and bonds.

8.2.3 Completion. The Contractor shall proceed expeditiously with adequate labor and supervision to achieve Final Completion within the Contract Time.

8.2.4 Notice to Proceed. The Contract shall commence the Work required by this Contract within ten (10) calendar days of the date specified in the notice from the County to proceed with the Work.

8.2.5 Expeditious Work. Contractor shall proceed expeditiously with adequate forces and shall complete the Work by the date specified in the Contract Documents. If Contractor is not diligently proceeding with the prosecution of the Work as scheduled, Contractor shall, immediately and at no additional cost to the County, take measures necessary, including working such overtime, and additional shifts as may be required to correct such delays.

8.3 Contractor's Schedules

8.3.1 Project Schedule. Unless otherwise provided in the Agreement or Technical Specifications, within fourteen (14) calendar days after the Date of Commencement,

Contractor shall submit a baseline Project Schedule for the Work for comment and approval by County. The baseline Project Schedule shall include, but not be limited to:

- (1) A CPM format that incorporates all activities with descriptions, sequence, logic relationships, duration estimates, resource-loading, and other information required for all pre-construction and construction activities.
- (2) Activities to be integrated and shown in the CPM network shall include all milestones representing the Contractor's submittal dates and activities representing the County's review period of each submittal (which review period shall in no case be scheduled for less than 15 working days); Contractor's procurement of materials and equipment; submittals; manufacture and/or fabrication, testing and delivery to the jobsite of special material and major equipment; equipment installation and preliminary, final and performance testing of equipment or systems.
- (3) Activities showing the start and finish dates for all temporary works; all construction of mock-ups, and prototypes and/or samples.
- (4) Activities showing start and finish dates of owner-furnished items and interface requirements dates with other contractors; regulatory agency approvals; and permits required for the performance of the work.
- (5) Activities showing start and finish of tenant programming (as appropriate), modular furniture, tenant improvement work and phased occupancy.
- (6) Close-out activities.
- (7) The schedule shall consider all foreseeable factors or risks affecting or which may affect the performance of the work, including historical and predicted weather conditions, Applicable Laws, regulations or collective bargaining agreements pertaining to labor, transportation, traffic, air quality, noise and any other applicable regulatory requirements.
- (8) The Contractor shall attach a narrative report which explains assumptions used for activity durations, its assumptions regarding crew sizes, equipment requirements and production rates, any potential areas of concern or specific areas requiring coordination it may have identified and any long-lead time materials or equipment.
- (9) Time units for all schedules shall be in calendar days, and no construction activity shall have a duration greater than 30 calendar days without County approval.

Upon the County's approval, the Project Schedule shall be deemed to be a Contract Document. Any revisions or updates to the Project Schedule are subject to review and approval by County.

8.3.1.1 The County's review of the form and general content of the baseline Project Schedule is for the purpose of determining, in its judgment, whether the following requirements are satisfied:

- (1) Schedules are suitable for monitoring progress of the Work;
- (2) Schedules provide necessary data about the timing of the County's decisions on the County furnished items, including furniture, equipment and occupancy;
- (3) Schedules are in sufficient detail to demonstrate adequate planning for the Work; and
- (4) Schedules represent a practical plan to complete the Work within the Contract Time.

8.3.1.2 Contractor shall plan, develop, supervise, control, and coordinate the performance of the Work so that the progress and the sequence and timing of Work activities conform to the current accepted Project Schedule. Contractor shall continuously obtain from Subcontractors information and dates about the planning for and progress of the Work, the ordering and fabrication of materials, required Submittals, and the delivery of equipment, shall coordinate and integrate such information and data into updated Project Schedules and "As-Built" Drawings and specifications, and shall monitor the progress of the Work and the delivery of equipment. Contractor shall act as the expeditor of potential and actual delays, interruptions, hindrances, or disruptions for its own forces and those forces of Subcontractors, regardless of tier. Contractor shall cooperate with the County in the development of the Project Schedule and updated Project Schedules.

8.3.1.3 The County's acceptance of or its review comments about any Project Schedule or scheduling data shall not relieve Contractor from its sole responsibility to plan for, perform, and complete the Work by the Contract Time. Acceptance of or review comments about any Project Schedule shall not transfer responsibility for any Project Schedule to the County nor imply their agreement with (1) any assumption upon which such schedule is based on or (2) any matter underlying or contained in such schedule.

8.3.1.4 Failure of the County to discover errors or omissions in schedules that it has reviewed, or to inform Contractor that Contractor, Subcontractors, or others are behind schedule, or to direct or enforce procedures for complying with the Project Schedule shall not relieve Contractor from its sole responsibility to perform and complete the Work by the Contract Time and shall not be a cause for an adjustment of Contract Time or the Contract Sum.

8.3.2 Format. Unless otherwise provided in the Agreement or Technical Specifications, the Project Schedule shall be in a detailed precedence CPM or Microsoft type format satisfactory to the County, which shall also: (i) provide a graphic representation of all activities and events that will occur during performance of the Work; (ii) identify each phase of construction and maintenance; and (iii) set forth dates

that are critical in ensuring the timely and orderly completion of the Work in accordance with the requirements of the Contract Documents (hereinafter referred to as Milestone Dates). At a minimum the Project Schedule shall depict the schedule for Work on a discipline by discipline and trade by trade basis and tasks within each discipline and trade. The Project Schedule shall include: (i) proposed activity sequences and durations; (ii) Milestone Dates for receipt and approval of pertinent information, including County-supplied information and approvals by public authorities having jurisdiction over the Project; (iii) dates for preparation and processing of Shop Drawings, Product Data, and Samples; (iv) dates for delivery of materials or equipment requiring long-lead time procurement; (v) County's occupancy/use requirements showing portions of the Project having occupancy priority; (vi) the estimated date of Substantial Completion and Final Completion; and (vii) other information reasonably required by County. Upon review and acceptance by the County of the baseline Project Schedule, the baseline Project Schedule shall be deemed part of the Contract Documents. If not accepted, the baseline Project Schedule shall be promptly revised by the Contractor in accordance with the recommendations of the County and re-submitted for acceptance.

8.3.3 Updates. With each Application for Payment submitted by Contractor (other than the Final Application for Payment), the Contractor shall submit to the County an updated Project Schedule revised to include, at a minimum:

8.3.3.1 Monthly update/status of electronic database shall include recording of all Actual Start Dates and Actual Finish Dates and status of activities in progress.

8.3.3.2 Review of "planned" versus "actual" work force allocations and progress for the preceding month.

8.3.3.3 Reviews of revisions, added or deleted work and how those activities are being integrated into the Contractor's work plan.

8.3.3.4 Review of the Contractor's interface and coordination with other work on the Project.

8.3.3.5 Review of all impacts to the Work during the preceding month and to date, Contractor evaluation of those impacts and any recovery plans or remedial actions required to comply with the contract schedule.

If the Contractor does not submit an updated Project Schedule with an Application for Payment, County may withhold payment, in whole or in part. In the event any update to the Project Schedule indicates any delays to the Contract Time that are the fault of Contractor or others for whom Contractor is responsible, the Contractor shall propose an affirmative plan to correct the delay, including overtime and/or additional labor, if necessary. In no event shall any Project Schedule Update constitute an adjustment in the Contract Time, any deadline, or the Contract Sum unless any such adjustment is agreed to by the County and authorized pursuant to Change Order, Construction Change Directive, or Written Amendment to Contract.

8.3.4 Extraordinary Measures. In the event the County determines that the performance of the Work has not progressed or reached the level of completion required by the Contract Documents, the County shall have the right to order the Contractor to take corrective measures necessary to expedite the progress of construction, including, without limitation, the Extraordinary Measures as provided in Paragraph 2.8 herein.

8.3.5 Early Completion. While the Contractor may schedule completion of the Project earlier than the date established by the Contract Documents, no additional compensation shall become due the Contractor for the use of float time between the Contractor's projected early completion date and the date for Final Completion established by the Contract Documents except any bonus or penalty provisions set forth in the Contract Documents, which would take precedence over and supersede this Paragraph.

8.3.6 Schedule of Submittals. Unless otherwise provided in the Agreement or Technical Specifications, within ten (10) calendar days after the Date of Commencement, the Contractor shall prepare and keep current, for the County's review and approval, a Schedule of Submittals for Shop Drawings, Product Data, Samples, and similar submittals, coordinated with the baseline Project Schedule and allowing the County reasonable time to review. Contractor shall be solely responsible for any delay, disruption, impact, loss of efficiency or other loss, arising directly or indirectly from Contractor's failure to manage submittals properly.

8.3.7 Procurement Schedule. Unless otherwise provided in the Agreement or Technical Specifications, within ten (10) calendar days after the Date of Commencement, Contractor shall prepare and keep current, for County's approval, a schedule for procurement of materials and equipment which is coordinated with the baseline Project Schedule and allows the County reasonable time to review. Contractor is solely responsible for any delay, disruption, impact, loss of efficiency, or other loss arising directly or indirectly from Contractor's failure to properly manage procurement of equipment and materials.

8.3.8 Performance. The Contractor shall perform the Work in accordance with the most recent Project Schedule and Schedule of Submittals approved by the County. The Contractor shall monitor the progress of the Work for conformance with the requirements of the Project Schedule and shall promptly advise the County of any delays or potential delays.

8.4 Delays and Extensions of Time

8.4.1 Non-Compensable Force Majeure Events.

8.4.1.1 Definition. "Force Majeure" shall mean any of the following events, which materially and adversely affect Contractor's obligations hereunder and which event could not have been avoided or prevented by due diligence and use of reasonable efforts by Contractor: earthquake, fire, flood, epidemic, blockade, rebellion, war,

terrorism, riot, act of sabotage, or civil commotion; discovery of any archaeological, paleontological or cultural resources; spill of hazardous substances by a third party at or near the Site which is required to be reported to the Federal or California Environmental Protection Agency, Toxic Substances Control; or discovery at, near, or on the Site of any species listed as "threatened" or "endangered" under the Federal or California Endangered Species Act.

8.4.1.2 Remedies. If the critical path of the Work is delayed by Force Majeure events, provided that the aforesaid causes were not foreseeable and did not result from the acts of the Contractor, and provided further that the Contractor has taken reasonable precautions to prevent further delays owing to such causes, then the Contractor may pursue remedies for adjustment of the Contract Time in accordance with Paragraph 4.3 above. Unless the Force Majeure event damages the Work at the Project Site, Contractor will not be entitled to an adjustment in the Contract Sum.

8.4.1.3 Rain Days/Inclement Weather. For purposes of granting time extensions pursuant to this subparagraph and in accordance with the Claims procedures set forth in Paragraph 4.3 herein, resulting from unworkable days due to rain/inclement weather which were not reasonably foreseeable, the Contractor and County agree that the impact of rainfall/inclement weather for which the Contractor is not entitled to a time extension is a total of ten (10) Work Days per year ("Rain Days"). The Contractor shall account for the above number of Work Days for which the effects of rainfall/inclement weather are expected to prevent Work in the Project Schedule as set forth in Subparagraph 8.3 herein and shall obtain County's approval of Contractor's use of each Rain Day before requesting extension of the Contract Time.

8.4.2 Compensable County-Caused Delays. If the date for Final Completion of the Work is delayed as a result of the wrongful acts or negligence of the County or anyone for whom County is legally liable and the delays are unforeseeable and are unreasonable under the circumstances involved, the Contractor shall be entitled to an equitable adjustment of the Contract Time and/or compensation for reasonable additional costs directly resulting from such delays, but not for any additional home office overhead, profit or fee, subject to the requirements of Article 8 herein, and further provided Contractor complies with the notice and procedural requirements of Articles 4 and 7 herein.

8.4.3 Concurrent Delays. To the extent the Contractor is entitled to an extension of Contract Time due to an excusable delay, but the performance of the critical path of the Work would have been otherwise suspended, delayed, or interrupted by the fault or neglect of the Contractor or by an inexcusable delay, the Contractor shall not be entitled to any additional cost during the period of such concurrent delay.

8.4.4 Float. Critical Work activities are defined as Work activities which, if delayed or extended, will delay the scheduled completion of the milestones and/or time of completion. All other Work activities are defined as non-critical Work activities and are considered to have float. Float is defined as the time that a non-critical Work activity can be delayed or extended without delaying the scheduled completion of the

milestones and/or time of completion. Float is considered a Project resource available to either party or both parties as needed. Once identified, Contractor shall monitor, account for, and maintain float in accordance with Critical Path Methodology.

Delays of any non-critical Work shall not be the basis for an extension of Contract Time until the delays consume all float associated with that non-critical Work activity and cause the Work activity to become critical.

It is acknowledged that County-caused time savings (i.e., critical path submittal reviews returned in less time than allowed by the Contract Documents, approval of substitution requests which result in a savings of time for Contractor, etc.) create shared float. Accordingly, County-caused delays may be offset by County-caused time savings.

8.4.5 Shortage of Material. An extension of time will not be granted by the County for a delay caused by a shortage of materials, except County-furnished materials, unless the Contractor furnishes to the County documented proof that the Contractor has made every effort to obtain such materials from every known source within reasonable reach of the Work. The Contractor shall also submit proof, in the form of network analysis data that the inability to obtain such materials when originally planned did, in fact, cause a delay in Final Completion of the Work which could not be compensated for by revising the sequence of operations. County will consider only the physical shortage of material as a cause for extension of time. The County will not consider any claim that material could not be obtained at a reasonable, practical, or economical cost, unless it is shown to the satisfaction of the County that such material could have been obtained only at exorbitant prices, entirely inconsistent with current rates taking into account the quantities involved and the usual practices in obtaining such quantities and that such fact could not have been known or anticipated at the time the Contract was entered into.

8.4.6 Utility and Agency Delays. Contractor is aware that governmental agencies, gas companies, electrical utility companies, water districts, and other utilities and agencies may be required to approve a proposed installation. Contractor has endeavored and will continue to use its best efforts to include the cost of such anticipated delays and related costs which may be caused by such utilities and agencies in the Contract Sum. Thus, Contractor is not entitled to make claim upon the County for damages or delays arising from the delays caused by such utilities and agencies. Furthermore, the Contractor has included time periods for such governmental approval in the Project Schedule and is not entitled to an extension of time for delays caused by governmental agencies from which Contractor must obtain approvals.

8.4.7 Contractor Fault. No extension of time will be granted under this Article 8 for any delay to the extent: (i) that performance was so delayed by any Contractor induced causes, including but not limited to the fault or negligence of the Contractor or its Subcontractors; or (ii) for which any remedies are provided for or excluded by any other provision of the Contract.

8.4.8 Contract Modification. A Change Order, Construction Change Directive, or Written Amendment to Contract will be issued by the County to the Contractor within a reasonable period of time after approval of a request for extension of time, specifying the number of days allowed, if any, and the new date or number of calendar days after the date of commencement for completion of the Work or specified portions of the Work.

8.4.9 No Release of Surety. An extension of time granted shall not release the Contractor's surety from its obligations. Work shall continue and be carried on in accordance with all the provisions of the Contract and said Contract shall be and shall remain in full force and effect during the continuance and until the completion and Final Acceptance of the Work covered by the Contract unless formally suspended or annulled in accordance with the terms of the Contract.

8.4.10 No Waiver. Neither the grant of an extension of time beyond the date fixed for Final Completion of the Work, nor the performance and acceptance of any part of the Work or materials specified by the Contract after the time specified for Final Completion of the Work, shall be deemed to be a grant of any future extensions, a waiver by the County of the County's right to abrogate this Contract for abandonment or failure to complete within the time specified, or to impose and deduct damages as may be provided in the Contract Documents.

8.5 Liquidated Damages

8.5.1 County and Contractor recognize that time is of the essence in this Agreement and that the County may suffer financial loss in the form of lost grant funds, additional contract administration expenses, and loss of public use if the Work is not completed within the Contract Time, including any extensions thereof allowed in accordance with the Contract Documents.

8.5.2 Contractor and County agree to liquidate damages with respect to Contractor's failure to achieve Final Completion of the Work within the Contract Time. The Parties intend for the liquidated damages set forth herein to apply to this Contract as set forth in Government Code Section 53069.85. Contractor acknowledges and agrees that the liquidated damages are intended to compensate County solely for Contractor's failure to meet the deadline for Final Completion and shall not excuse Contractor from liability from any other breach, including any failure of the Work to conform to the requirements of the Contract Documents.

8.5.3 In the event that Contractor fails to achieve Final Completion of the Work within the Contract Time, Contractor agrees to pay County the amount per day designated in the Contract and/or Special Conditions for liquidated damages for each calendar day that Final Completion is delayed.

8.5.4 Contractor acknowledges and agrees that the foregoing liquidated damages have been set based on an evaluation by County of damages that it will incur in the event of the late completion of the Work. Contractor and County agree that because of the nature of the Project it would be impractical or extremely difficult to fix the amount of

actual damages incurred by the County due to a delay in completion of the Work. Accordingly, the County and Contractor have agreed to such liquidated damages to fix Contractor's costs and to avoid later disputes. It is understood and agreed by Contractor that any liquidated damages payable pursuant to this Agreement are not a penalty and that such amounts are not manifestly unreasonable under the circumstances existing as of the effective date of this Agreement.

8.5.5 It is further mutually agreed that County shall have the right to deduct liquidated damages against progress payments or retainage and that the County will issue a unilateral Construction Change Directive and reduce the Contract Sum accordingly. In the event the remaining unpaid Contract Sum is insufficient to cover the full amount of liquidated damages, Contractor shall pay the difference to County.

9 PAYMENTS AND COMPLETION

9.1 Contract Sum

The Contract Sum, including authorized adjustments, is the total maximum amount payable by the County to the Contractor for performance of the Work under the Contract Documents.

9.2 Schedule of Values

Within fourteen (14) calendar days after the Date of Commencement, Contractor shall submit to the County a Schedule of Values allocated to various portions of the Work. The Schedule of Values shall be approved by the County in writing. The Schedule of Values shall be prepared in such a manner that each major item of Work assigned to Contractor and to each separate Subcontractor is shown as a single line item on AIA Document G703 (or other form as required by County) and supported by such data to substantiate its accuracy as the County may require. The approved Schedule of Values shall be used as a basis for reviewing the Contractor's Applications for Payment.

9.3 Applications for Payment

9.3.1 Applications for Payment. The Contractor shall submit to the County an itemized Application for Payment, utilizing a form approved in writing by the County, for operations completed in accordance with the Schedule of Values and the payment provisions of the Agreement. Such Application shall be notarized, if required by County, and supported by such data substantiating the Contractor's right to payment as the County may require, including copies of requisitions from Subcontractors and Suppliers.

9.3.1.1 Payment will be made on valuation of Work done as of the twenty-fifth of each month, and such application shall be submitted approximately five (5) days before the end of the month.

9.3.1.2 No payments made to the Contractor, nor partial or entire use or occupancy of the Work by the County, shall be acceptance of any Work or materials not in accordance with the Contract Documents.

9.3.2 Based on California Public Contract Code Section 20104.50 and the Contract Documents, each Application for Payment shall be reviewed by the County as soon as practicable after receipt for the purpose of determining that the payment request is proper. Any Application for Payment determined not to be suitable for payment shall be returned to Contractor not later than seven (7) calendar days after receipt. Any returned Application for Payment shall be accompanied by a document setting forth in writing the reasons why the payment request is not proper. The County shall make any progress payment within 30 days after receipt of an undisputed and properly submitted Application for Payment from the Contractor.

9.3.2.1 Such Applications for Payment shall not include requests for payment of amounts the Contractor does not intend to pay to a Subcontractor or material supplier because of a dispute or other reason, or as to which an appropriate conditional or unconditional waiver and release of rights upon payment has not been provided.

9.3.3 Documentation. As a condition precedent to County's monthly progress payment to Contractor, Contractor shall submit with each Application for Payment the following documentation:

- (1) Updated Schedules of Values, invoices and requisitions from all Subcontractors, Sub-subcontractors and suppliers performing Work covered by the Application for Payment;
- (2) Completed and executed form of conditional waiver and release of rights upon progress payment in accordance with California Civil Code Section 8132, from Contractor and its Subcontractors covering the amount of the current Application for Payment;
- (3) Completed and executed forms of unconditional waiver and release of rights upon progress payment in accordance with California Civil Code Section 8134, from Contractor and its Subcontractors covering the amount of the previous Application for Payment (but no later than two months prior to the current Application for Payment);
- (4) Reserved.
- (5) At its sole discretion, the County reserves the right to request (i) an executed subcontract including bonds, insurance, certificates, and endorsements and all other exhibits and attachments for each item of material, labor and service for which a disbursement has been requested and (ii) certifications from each Subcontractor and Sub-subcontractor of any tier, that each is current in the payment of any supplemental fringe benefits required pursuant to any collective bargaining agreement to which any such Subcontractor or Sub-subcontractor is a Party or is otherwise bound; and
- (6) Such other documentation as the County may reasonably request.

Any Payment made by County to Contractor in the absence of any of the preceding documents in no way relieves the Contractor from providing all these documents for the current and/or any future payment.

9.3.3.1 As a further condition precedent to County's obligation to make monthly progress payment to Contractor, Contractor must be current in its submittal of documentation required by the Contract Documents including, but not limited to the following:

- (1) A Subcontractor Procurement Log listing executed subcontracts including bonds, insurance, certificates, and endorsements and all other exhibits and attachments for each item of material, labor and service for which a disbursement has been requested;
- (2) Log of all licenses, leases, permits, approvals and agreements relating to the construction of the Project;
- (3) Contractor's daily logs;
- (4) Record Documents and As-Built Drawings and Specifications updated with current Project information as described in Subparagraph 3.10.1 above;
- (5) Updated Project Schedule;
- (6) RFI Log;
- (7) Change Order Request Log and Change Order Log, including a list of any Change Orders and Construction Change Directives, contemplated or under negotiation at the date of such payment request, the status, and a rough order of magnitude cost for each such change.
- (8) Certified Payrolls for the time period covered in the Application for Payment.

Any payment made by County to Contractor in the absence of any of the preceding documents in no way relieves the Contractor from providing all these documents for the current and/or any future payment.

9.3.4 Initial Payment Application. Contractor shall ensure that all administrative actions, submittals, payment procedures and requirements set forth in the Contract Documents for the first Application for Payment must precede or coincide with the initial Application for Payment, including:

- (1) A description of the types of Work and the amounts thereof to be provided by the Contractor (as opposed to the Subcontractors);
- (2) A list of Subcontractors, principal suppliers and fabricators;
- (3) A Submittal Schedule;

- (4) Copies of all necessary permits;
- (5) All insurance certificates and endorsements for Contractor and all Subcontractors are in place;
- (6) Payment and Performance Bonds for Contractor and Subcontractors, as applicable, are in place; and
- (7) Job signs have been installed.

9.3.5 Payment to Subcontractors. Within seven (7) calendar days of Contractor's receipt of payment from County for Work performed by a Subcontractor, the Contractor shall pay all Subcontractors for and on account of Work on the Contract performed by each. The Contractor shall by appropriate agreement with each Subcontractor and Supplier, require each Subcontractor to make payments to Sub-subcontractor in a similar manner. The County will, on request, furnish to a Subcontractor, Sub-subcontractor, or supplier, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the County on account of portions of the Work done by each.

9.3.6 Substantial Completion Payment Application. Following the determination of Substantial Completion by the County's Project Manager and approval thereof by County, the Contractor shall submit an Application for Payment at Substantial Completion. In addition to submittals required for all applications for progress payments, the Contractor shall complete the following administrative actions and submittals, all of which shall precede or coincide with this application:

- (1) List all incomplete items of Work and the value of each item of incomplete Work;
- (2) Obtain and submit all documentation necessary to enable the County's full and unrestricted use of the Work or portions thereof, and access to services and utilities, and to supply any change-over information necessary to the County's occupancy, use, operation, and maintenance;
- (3) Discontinue and remove temporary facilities and services from the Site, along with construction tools and facilities, forms, and similar items except for Contractor's field office;
- (4) Obtain all temporary occupancy permits and similar approvals for the use of the facilities;
- (5) Inspect, test, and adjust performance of every system of facility of the Work to ensure that overall performance is in compliance with terms of the Contract Documents;
- (6) Submit a report of such test results to the County;

- (7) Provide instruction for the County's operating personnel on systems and equipment operational requirements;
- (8) Report performance of completed installations after adjustment that appear unable to comply with the requirements of the Contract Documents; and
- (9) Submit the operating manual(s) for operating and maintaining the building.

9.3.7 Warranty of Title. The Contractor warrants that title to all Work covered by an Application for Payment will pass to the County no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Applications for Payment have been previously issued and payments received from the County shall, to the best of the Contractor's knowledge, information, and belief, be free and clear of liens, stop notices, claims, security interests, or encumbrances in favor of the Contractor, Subcontractors, Sub-subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials, and/or equipment relating to the Work. This provision shall not relieve the Contractor from the responsibility for materials and Work upon which payments have been made, the restoration of damaged Work, or waive the right of the County to require the fulfillment of the terms of the Contract.

9.3.8 Cash Allowance. Whenever the Specifications provide a lump sum amount for specified Work, the Contractor shall include that amount in his bid for the designated Work, and the stated amount shall be deemed to include the full allowance. Any difference in cost to the Contractor from the supplier shall be added to or deducted from the Contract Sum.

9.3.9 Equipment or Materials. If, during the progress of the Work, the Contractor, with the written approval of the County, purchases and stores in an approved manner on the Site any equipment or materials required to complete the Work prior to the normal need of such equipment or materials, Contractor will be paid on the same basis as provided in Paragraph 9.3, except that the value of such materials or equipment shall be claimed as a separate item and so reported until it shall have been incorporated in the Work. County will not pay for the materials or equipment at the time they are ordered and will not pay for materials or equipment until they are delivered to the Site.

9.3.9.1 If required by the County, such payments shall be conditional upon submission by the Contractor of bills of sale, or such procedure as will establish the County Title to such equipment or materials, or otherwise adequately protect the County's interests.

9.3.9.2 Any equipment or materials stored and paid for by the County prior to being incorporated in the Work shall not be used for any other purpose and shall not be removed from the Site.

9.4 Decisions to Withhold Payment

9.4.1 Basis for Decision to Withhold. The County's Project Manager may withhold payment in whole or in part, to the extent reasonably necessary to protect the County. If the County's Project Manager is unable to approve payment in the amount of the Contractor's Application for Payment, the County's Project Manager will notify the Contractor of the reasons for failing to approve the payment. If the Contractor and County's Project Manager cannot agree on a revised amount, the County's Project Manager will promptly issue payment for the amount for which the County's Project Manager is able to make such representations to the County. The County's Project Manager may refuse to make payment or, because of subsequently discovered evidence, the County's Project Manager or the County may nullify the whole or a part of a payment previously issued, to such extent as may be necessary in the County's Project Manager's opinion to protect the County from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Subparagraph 3.3.2 and 3.18 or because of:

- (1) Defective work not remedied;
- (2) Third party claims filed or reasonable evidence indicating probable filing of such claims, including stop notices, unless security acceptable to the County is provided by the Contractor;
- (3) Failure of the Contractor to make payments properly to Subcontractors or suppliers for labor, materials, services or equipment;
- (4) Reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- (5) Damage to the County or another contractor;
- (6) Reasonable evidence that the Work will not be completed within the Contract Time;
- (7) Persistent failure to carry out the Work in accordance with the Contract Documents;
- (8) Liquidated damages, if any, which accrued as of the date of the Application for Payment;
- (9) Such other sum as the County is entitled to recover from the Contractor; and
- (10) Contractor's failure to timely submit:
 - (a) Daily logs;
 - (b) Certification from County and Contractor that Record Documents and As-Built Drawings and Specifications have been updated with current Project information as described in Paragraph 3.10 above;

- (c) Updated Construction Schedule;
- (d) RFI logs;
- (e) Change Order Log; and
- (f) Certifications from each Subcontractor and Sub-subcontractor of any tier that each is current in the payment of any supplemental fringe benefits required pursuant to any collective bargaining agreement to which any such Subcontractor is a Party or is otherwise bound.

9.4.2 Withhold for Disputes. In the event of a dispute between County and Contractor, the County may withhold from payments an amount not to exceed one hundred fifty percent (150%) of the disputed amount. When the above reasons for withholding certification are removed, certification will be made for amounts previously withheld.

9.4.3 Withhold for Stop Notice Claims.

9.4.3.1 If at any time there shall be evidence of the existence, whether or not same has been asserted, of any stop notice, or claim arising out of or in connection with the performance or default in performance of this Contract or any subcontract or supply contract entered into by Contractor to perform this Contract, and if the County might become liable for the discharge of or satisfaction of such stop notice or claim, then the County shall have the right to retain out of any payment then due or thereafter to become due, in addition to the amounts set forth above, an amount sufficient to discharge such stop notice or satisfy such claim and to reimburse the County and the Project Manager(s) of the County for all costs and expenses in connection therewith, including attorneys' fees. Further, the County, in its sole discretion, shall have the right to discharge or satisfy such stop notice or claim and pay all costs and expenses in connection therewith if the Contractor does not have such stop notice or claim discharged or satisfied within ten (10) calendar days after receiving notice to remove the stop notice or claim from County or unless some other procedure for discharge or satisfaction of such claim is agreed between County and Contractor. If the amounts retained are insufficient for the aforesaid purposes, or if such stop notice or claim remains undischarged or unsatisfied after all payments have been made to the Contractor, then the Contractor shall refund to the County all monies that may have been paid, or need to be paid, to discharge such stop notice or satisfy such claims, including the costs, expenses, and attorney's fees in connection therewith.

9.4.3.2 The County may release any payments withheld due to a stop notice claim if the Contractor obtains a release bond that is: (i) issued by a surety acceptable to County admitted to issue surety bonds by the California Department of Insurance; (ii) is in form and substance satisfactory to the County; and (ii) is in an amount of not less than 125% of the amount of any stop notice claim.

9.5 Progress Payments

9.5.1 County Payments to Contractor. After the County's Project Manager has issued an authorization for payment, the County, subject to its rights under Paragraph 9.5 herein, shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the County's Project Manager.

9.5.2 Joint Checks or Direct Payments. Neither the County nor County's Project Manager shall have an obligation to pay or to see to the payment of money to a Subcontractor except as may otherwise be required by law. County, however, reserves the right, in its sole discretion for reasonable cause, to make payments to Contractor in the form of checks payable jointly to Contractor and to any of Contractor's Subcontractors or suppliers or, upon notice to Contractor with the opportunity to object, payments directly to Subcontractors and suppliers, in satisfaction of County's obligation to make payments to Contractor.

9.5.3 Payment Not Acceptance of Work. An authorization for payment, a progress payment, or partial or entire use or occupancy of the Project by the County shall not constitute acceptance of Work not in accordance with the Contract Documents.

9.5.4 Retention. From each progress payment, five percent (5%) will be deducted and retained by the County and the remainder, less the amount of all previous payments and less the amounts needed to satisfy outstanding stop notices, will be paid to the Contractor. At no time shall the progress payments be in excess of ninety-five percent (95%) of the percentage of actual work completed plus ninety-five percent (95%) of the value of materials delivered on the ground or stored and under the control of the County.

9.5.5 The Contractor may, at the Contractor's sole cost and expense, substitute securities equivalent to any monies withheld by the County to insure performance under this Contract. Such security shall be deposited with the County or a state or federally chartered bank as escrow agent, who shall pay such monies to the Contractor upon satisfactory completion of the Contract. The Contractor shall be the beneficiary of any security substituted for monies withheld and shall receive any accrued interest thereon. Securities eligible for investment shall include those listed in Government Code Section 16430 or bank or savings and loan certificates of deposit. No such substitution shall be accepted until the Escrow Agreement, Forms of Security and any other document related to said substitution is reviewed and found acceptable by the County, nor unless the Contractor shall have notified the County of its intention to substitute securities for retainage within ten (10) days of the signing of the Agreement.

9.5.6 Payment by Electronic Fund Transfer. Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other bank account. Contractor shall promptly comply with directions and accurately complete forms provided by County required to process EFT payments.

9.6 Substantial Completion

9.6.1 Contractor Request for Inspection and Punch List. When the Contractor considers that the Work is substantially complete, the Contractor shall prepare and submit to the County's Project Manager and County a request for such inspection and a comprehensive Punch List of items to be completed or corrected prior to Final Payment. Failure to include an item on such Punch List does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

9.6.2 County Inspection. Upon receipt of the Contractor's Punch List, the County's Project Manager will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the inspection discloses any item, whether or not included on the Contractor's Punch List, which is not sufficiently complete in accordance with the Contract Documents so that the County can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before the determination by County of Substantial Completion, complete or correct such item upon notification by County. In such case, the Contractor shall then submit a request for another inspection by County to determine Substantial Completion.

9.6.3 Determination of Substantial Completion. When the Work or designated portion thereof is substantially complete, the County's Project Manager will make a determination of Substantial Completion which shall establish the date of Substantial Completion, shall establish responsibilities of the County and Contractor for security, maintenance, heat, utilities, damage to the Work, and insurance, and shall fix the time within which the Contractor shall finish all items on the Punch List and as required in the Contract Documents.

9.6.4 County's Acceptance. The determination of Substantial Completion prepared by County's Project Manager shall be submitted to the Contractor. Upon such acceptance and consent of surety, provided the requirements for Substantial Completion Payment set forth in the Agreement are met, the County shall make payment to the Contractor for the cost of undisputed Work in place. The County's payment shall not exceed 95% of the Contract Sum until Final Completion and acceptance by County of the Work. County, however, shall be entitled to withhold retainage equaling 150% of the estimated cost of the following items until Final Completion:

- (1) Punch list items;
- (2) All items necessary to obtain the Final Certificate of Occupancy identified in the Contract Documents as the Work of Contractor;
- (3) As-Built and Record Documents;
- (4) Potential stop notice claims of individuals or entities who have not provided Conditional Waivers and Releases Upon final Payment; and
- (5) Any Claims the County may have against the Contractor.

If the Contractor has not completed all items enumerated above within thirty (30) calendar days after the determination of Substantial Completion, the County shall have the right to demand completion or correction of the items within a 48-hour period. If the Contractor does not commence the requested Work within the 48-hour period or provide County with written notice of a legitimate reason why Contractor is not able to commence the Work within the 48-hour period, the County shall have the unilateral right to complete the Work and deduct the cost of completion of the Work from any money held pending Final Completion.

9.7 Partial Occupancy or Use

9.7.1 County's Rights and Allocation of Responsibility. The County may occupy or use any completed or partially completed portion of the Work at any stage provided such occupancy or use is consented to by the insurer providing builder's risk property insurance to the Project and is not prohibited by the applicable legal requirements. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the County and Contractor have agreed in writing as to the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work, and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to County and County's Project Manager as provided under Subparagraph 9.7.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the County and Contractor.

9.7.2 Joint Inspection. Immediately prior to such partial occupancy or use, the County, Contractor and County's Project Manager shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

9.7.3 No Acceptance. Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

9.7.4 Conditions. The Contractor agrees to County's use and partial occupancy of a portion or unit of the Project before formal acceptance by the County under the following conditions:

- (1) Occupancy by the County shall not be construed by the Contractor as being an acceptance by County of that part of the Project to be occupied;
- (2) Contractor shall not be held responsible for any damage to the occupied part of the Project resulting solely from the County's occupancy;

- (3) Occupancy by the County shall not be deemed to constitute a waiver of existing claims on behalf of the County or Contractor against each other;
- (4) If the Project consists of more than one building, and one of the buildings is to be occupied, the County, prior to occupancy of the building, shall secure permanent property insurance on the building to be occupied and any necessary partial occupancy permits from the governmental agencies in jurisdiction. Final approval and occupancy permits from agencies in jurisdiction are still the responsibility of the Contractor, which may be required for use and occupancy;
- (5) Contractor shall make available in the areas occupied, on a 24-hour day and seven-day week basis if required, any utility services, heating, and cooling as are in condition to be put in operation at the time of early occupancy. All responsibility for the operation and maintenance of said equipment shall remain with the Contractor while it is so operated. However, an itemized list of each piece of equipment so operated, with the date operation commences, shall be made and certified by the County's Project Manager. This list shall be the basis for the commencement of guarantee periods on the equipment being operated for the benefit of the County's early occupancy. The County shall pay for all utility costs and operational expenses which arise out of the occupancy by the County during construction;
- (6) County's use and partial occupancy prior to Project acceptance does not relieve the Contractor of his responsibility to maintain all insurance and bonds required of the Contractor under the Contract until the Project is complete and the Notice of Completion is recorded by the County; and
- (7) If time and/or costs are impacted by County's partial occupancy or use, Contractor may submit a Claim for such financial and/or Schedule impact in accordance with Article 4.

9.8 Final Completion and Final Payment

9.8.1 Inspection. Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of a Final Application for Payment, the County's Project Manager will promptly make such inspection and, when the County finds the Work acceptable under the Contract Documents and the Contract fully performed, the County's Project Manager will promptly issue a final authorization for payment stating that to the best of the County's Project Manager's knowledge, information and belief, and on the basis of the County's Project Manager's on-site visits and inspections, the Work has been fully and satisfactorily completed in strict compliance with the Contract Documents and that the entire balance found to be due the Contractor and noted in the final authorization for payment is due and payable. The County's Project Manager's final authorization for payment will constitute a further representation that conditions listed in Subparagraph 9.8.2 as precedent to the

Contractor's being entitled to Final Payment have been fulfilled. Warranties required by the Contract Documents shall commence on the date of Final Completion of all Work.

9.8.2 Documentation. In addition to the requirements for Final Payment set forth in the other Contract Documents, the Final Payment shall not become due until (i) Contractor has fully performed the Contract, including all Punch List work; (ii) a Final Certificate of Occupancy (or equivalent inspection sign-off) has been issued (unless failure to issue is due to circumstances beyond the control of Contractor); (iii) sixty (60) calendar days have elapsed since County's recordation of a Notice of Completion; and (iii) Contractor has submitted to the County:

- (1) A full, complete and proper Final Application for Payment;
- (2) A current Sworn Statement from the Contractor setting forth all Subcontractors and material suppliers with whom Contractor has subcontracted; the amount of each subcontract; the amount requested for each Subcontractor and supplier in the payment application; the balance remaining on the subcontract; and that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the County or the County's property might be responsible or encumbered (less amounts withheld by County) have been paid or otherwise satisfied;
- (3) A current Sworn Statement from each Subcontractor setting forth all Sub-subcontractors and material suppliers with whom Subcontractor has subcontracted; the amount of each sub-subcontract; the amount requested for each Sub-subcontractor and supplier in the payment application; the balance remaining on the subcontract; and that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the County or the County's property might be responsible or encumbered (less amounts withheld by County) have been paid or otherwise satisfied;
- (4) Completed and executed forms of conditional waiver and release of rights upon final payment in accordance with California Civil Code Section 8136 from Contractor and all persons eligible to record mechanics' liens and file stop notices in connection with the Work, covering the final payment period;
- (5) Completed and executed forms of unconditional waiver and release of rights upon progress payment in accordance with California Civil Code Section 8134 from Contractor and all persons eligible to record mechanics' liens and file stop notices in connection with the Work, covering the previous payment period;
- (6) Completed and executed affidavits from Contractor and Subcontractors, attaching certificates and endorsements evidencing that insurance required by the Contract Documents to remain in force after Final

Payment, if any, is currently in effect and will not be canceled or allowed to expire until at least 30 days prior written notice has been given to the County;

- (7) A written statement that the Contractor knows of no substantial reason that the insurance will not be renewable to cover the period required by the Contract Documents;
- (8) Consent of surety(ies) to Final Payment;
- (9) Contractor's written assurance that identified corrective work not complete and accepted will be completed by a stated date agreeable to County;
- (10) The required Record Documents and As-Built Construction Documents including, but not limited to, shop drawings and other submittals;
- (11) Reasonable proof that taxes, fees and similar obligations of Contractor have been paid;
- (12) A certificate in form and substance acceptable to County and signed by the County's Project Manager certifying that, to the best of its knowledge, the Work has been completed in accordance with the Contract Documents, all Applicable Laws and restrictions; that the Work, as completed, complies in all material respects with all applicable zoning, environmental, building, and land use laws which apply to the Project; that to the knowledge of the County's Project Manager, no governmental entity has issued any notice of violation or nonconformity in connection with the improvements; that direct connection has been made to all abutting gas, sewer, telephone, and electrical facilities necessary for occupancy and use of the Project; and that the Project is ready for occupancy/use;
- (13) Reserved;
- (14) All warranties from vendors and Subcontractors, maintenance manuals, instructions and related agreements, equipment certifications and similar documents, and maintenance and operating instructions, which shall include:
 - (a) Schematic piping and wiring diagrams;
 - (b) Valve charts and schedules;
 - (c) Electrical panel schedules complete and posted in panels;
 - (d) Lubrication charts and schedules;
 - (e) Guides for troubleshooting;

- (f) Pertinent diagrams of equipment with main parts designated for identification;
 - (g) Manufacturer's data and capacity data on all equipment;
 - (h) Operating and maintenance instructions for all items of equipment and all control systems;
 - (i) Manufacturer's parts list; and
 - (j) Testing procedures for operating tests;
- (15) Tools, spare parts and required extra materials (i.e., attic stock), and similar items;
 - (16) Keys and proof of the final change-over of locks. In addition, Contractor must advise the County's personnel of the change-over in security provisions;
 - (17) Written start-up testing performance reports of all systems after completion of start-up testing, and complete instruction of the County's operating and maintenance personnel;
 - (18) Proof of adherence to final cleaning requirements of the Contract Documents; and
 - (19) Proof of touch up and other repairs and restoration of all marred and exposed finishes.

9.8.3 Release of Stop Notices. If a Subcontractor or supplier refuses to furnish a release or waiver required by County or files a stop notice, the Contractor shall furnish a bond satisfactory to the County to release the stop notice and indemnify the County against such stop notice and County shall enforce its right under Subparagraph 9.4.3 herein.

9.8.4 Delay Not Caused by Contractor. If, after Substantial Completion of the Work, Final Completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting Final Completion, the County shall, upon application by the Contractor and certification by the County, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted provided, however, that the retainage amount held following such payment shall be equal to 150% of the estimated cost of completing the Work as determined by the County. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the County prior to certification of such payment. Such payment shall be made under terms and conditions governing Final Payment.

9.8.5 Contractor's Acceptance of Final Payment. Acceptance of Final Payment by the Contractor, a Subcontractor, or material supplier shall constitute a waiver of any and all Claims by that payee, of whatsoever nature, character or kind, except those previously made in writing and identified by that payee as unsettled at the time of Final Application for Payment.

9.8.6 County's Final Payment. The making of Final Payment shall not constitute a waiver of Claims by the County arising from:

- (1) Unsettled stop notices;
- (2) Faulty or defective work appearing after Substantial Completion of the Work;
- (3) Failure of the Work to comply with the requirements of the Contract Documents;
- (4) Terms of any special warranties required by the Contract Documents; or
- (5) Any other Claim unless specifically waived by the County in writing.

10 PROTECTION OF PERSONS AND PROPERTY

10.1 Safety Precautions and Programs

The Contractor is responsible for establishing, maintaining, and supervising the necessary safety precautions needed to permit the performance of the Work without endangering public safety and property. A Site Specific Safety Program and the Contractor's Safety Policy must be prepared and submitted for the County's review and comments. Contractor shall comply with the review comments of County. The Site Specific Safety Program shall include the following:

- (1) The identity of outside safety consultant or Contractor's safety officer and on-site safety officer;
- (2) The schedule for the Contractor's safety inspections;
- (3) The type and frequency of training conducted for Contractor's personnel including tailgate meeting, lifting training, emergency procedure, etc.;
- (4) Information on the types of heavy equipment to be used and the necessary precaution to be taken if there is an accident;
- (5) A copy of the Contractor's Hazardous Communications Program;
- (6) A list of any possible fire hazards and the firefighting equipment for the particular Site;

- (7) A detailed description of hazardous or unusual procedures necessary for the particular Site;
- (8) Information on any material impact of the construction on the surrounding area including traffic flow, parking, street closure, utility shutoffs, and pedestrian crossing;
- (9) Placement, quantity and type of safety warning lights, signs or other devices during construction;
- (10) Written procedures in the event of an injury, fire, hazardous material experience, or other emergency during construction; and
- (11) Description of the location and enclosure of the approved staging area.

Contractor shall also comply with any safety requirements required by insurers providing coverage for the Project. Notwithstanding the foregoing, Contractor specifically assumes all risk of damages or injury to any persons or property, wherever located, resulting from any action or operation of the Contractor or Contractor's Subcontractors or Sub-subcontractors under the Contract Documents or in connection with the Work.

10.2 Safety of Persons and Property

10.2.1 Contractor's Responsibility for Damage or Loss. Except as otherwise provided in the Contract Documents and except as to the cost of repair or restoration of damage to the Work caused by Force Majeure events, the Contractor shall bear all losses resulting to him/her on account of the amount or character of the Work, or from any unforeseen obstructions or difficulties which may be encountered, or from any encumbrances on the line of the Work, or because the nature of the ground in or on which the Work is done is different from what is assumed. The Contractor shall bear the risk for any County equipment, material, or supplies with which Contractor has been entrusted and shall bear responsibility for all bodily injuries to persons, including accidental death, which may be caused by Contractor's performance of the Work.

10.2.2 Contractor's Remedy for Damage or Loss. The Contractor shall promptly remedy all damage or loss to any property referred to in this Article arising, in whole or in part, from the Work performed by the Contractor or by any Subcontractor, any Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, and for which the Contractor is responsible, except damage or loss attributable to the acts or omission of the County, or anyone directly or indirectly employed by the County, or by anyone for who the County may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's indemnification obligations under Paragraph 3.18 herein.

10.2.3 Precautions and Protection. The Contractor shall take necessary precautions for the safety of, and shall provide necessary protection to prevent damage, injury or loss to:

- (1) Employees on the Site and other persons who may be affected thereby;
- (2) The Work and materials and equipment to be incorporated therein, whether in storage on or off the Site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and
- (3) Other property at the Site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

10.2.4 Notice and Compliance with Applicable Law. The Contractor shall give notices and comply with Applicable Laws bearing on safety of persons or property or their protection from damage, injury or loss. Contractor shall comply with all laws and regulations, including the California Labor Code and with all California Occupational Safety and Health Act ("OSHA"), Environmental Protection Agency, and South Coast Air Quality Management District and Mojave Desert Air Quality Management District regulations, concerning safety requirements and protection of workers including, but not limited to, those regulations concerning scaffolding, bracing, shoring, trench excavating and removal, and handling and disposal of hazardous waste. Contractor shall fully defend, indemnify, and hold harmless the County, its members, officers, volunteers, employees, and agents, including, but not limited to, the County's Project Manager, from any and all citations and/or memoranda assessed against the County due to regulatory violations of the Contractor, Contractor's Subcontractors, or Sub-subcontractors.

10.2.5 Safeguards. The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgate safety regulations, and notify County and users of adjacent Sites and utilities. The Contractor shall also be responsible for all measures necessary to protect any property adjacent to the Project and improvements thereon. Any damage to adjacent property or improvements shall be promptly repaired or replaced by Contractor at its sole cost and expense within the Contract Sum.

10.2.6 Excavation. As required by Section 6705 of the California Labor Code and in addition thereto, whenever Work under the Contract involves the excavation of any trench or trenches five feet or more in depth, the Contractor shall submit for acceptance by the County or by a registered civil or structural engineer employed by the County, to whom authority to accept has been delegated, in advance of excavation, a detailed plan showing the design of shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the shoring system standards established by the construction safety orders of the Division of Industrial Safety, the plan shall be prepared by a registered civil or structural engineer employed by the Contractor and all costs therefore shall be included in the price named in the Contract for completion of the Work as set forth in the Contract Documents. Nothing in this section shall be construed to

impose tort liability on the County or any of its officers, agents, officials, volunteers, the Project Managers or employees.

10.2.7 Notice of Hazards. When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care, carry on such activities under supervision of properly qualified personnel, and shall provide County and County's Project Manager with reasonable advance notice of such activity.

10.2.8 Loading. The Contractor shall not load or permit any part of the construction or Site to be loaded so as to endanger its safety. The Contractor shall be responsible for the protection of all existing structures and improvements, both above and underground, including both the exterior and interior finishes within the adjoining working areas, and shall provide adequate temporary removal as necessary. Any existing structures or improvements damaged during construction shall be repaired or replaced with materials, workmanship, fixtures, or equipment of the same kind, quality and size as the original, prior to damage. Any materials or equipment temporarily removed and damaged shall be re-erected or installed in a manner approved by the County.

10.2.8.1 The Contractor shall review the structural capability of the construction and Site prior to allowing installation of temporary lifting devices or staging equipment or the temporary off-loading of materials. Contractor shall not exceed design loads without making modifications to the construction or Site to support such loads.

10.2.8.2 All modifications to the construction or Site to support temporary lifting devices, staging equipment, or loading shall be submitted to County for review and acceptance.

10.2.9 Accident Prevention. The Contractor shall designate a responsible member of the Contractor's organization at the Site whose duty shall be the prevention of accidents. This person shall be the Contractor's Superintendent unless otherwise designated by the Contractor in writing to the County.

10.2.10 Accident Reporting. The Contractor shall immediately report all accidents and injuries to County, and shall submit on a form approved by County within 24 hours of such accident or injury setting forth essential information for investigation of the accident or injury including, but not limited to, name, address, and phone number of all injured workers and witnesses, location on the jobsite, nature of injury, medical treatment, identity of ambulance company, and hospital.

10.2.11 Adjoining Property. Contractor shall employ all necessary measures to protect adjoining adjacent property and shall provide barricades, temporary fences, and covered walkways required to protect the safety of passersby, as required by prudent construction practices, local building codes, ordinances, or other laws and the Contract Documents.

10.2.12 Response. Contractor shall immediately respond to notice from the County of unsafe conditions.

10.2.13 Documents Available. Contractor shall have available at the Project Site, copies or suitable extracts of "Construction Safety Orders" and "General Industrial Safety Orders" issued by the State Division of Industrial Safety.

10.3 Hazardous Materials

10.3.1 Notice to County. The Contractor agrees that it is solely responsible for investigation and performing remedial actions on all hazardous materials and other related environmental requirements located on the Project Site. Any hazardous materials that are encountered beyond those described in the Contract Documents may properly be the subject to a Change Order. The County agrees that the Contractor cannot be considered a hazardous materials generator of any such materials in existence on the Site at the time it is given possession of the Site. In the event the Contractor encounters on the Site materials which it reasonably believes to be "hazardous materials" as that term is defined by federal and state law, which have not been rendered harmless, the Contractor shall immediately stop work in the area affected and report the condition to the County in writing. The work in the affected area shall not thereafter be resumed until a suitable testing agency certifies the material as nonhazardous or the material is removed or rendered harmless as certified by a suitable testing agency.

10.3.2 Material Safety Data Sheets and Compliance with Proposition 65.

10.3.2.1 Contractor is required to ensure that material safety data sheets are available in a readily accessible place at the Work Site, for any material requiring a material safety data sheet per the federal "hazard communication" standard, or employees' right-to-know law. The Contractor is also required to insure proper labeling on any substance brought into the Project Site, and that any person working with the material, or within the general area of the material, is informed of the hazards of the substance and follows proper handling and protection procedures.

10.3.2.2 Contractor is required to comply with the provisions of California Health and Safety Code Sections 25249.5 et seq., which requires the posting and giving of notice to persons who may be exposed to any chemical known to the State of California to cause cancer. The Contractor agrees to familiarize itself with the provisions of this section, and to comply fully with its requirements.

10.4 Contractor Materials

The County shall not be responsible for materials and substances brought to the Site by the Contractor unless such materials or substances were required by the Contract Documents.

10.5 Emergencies

In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Paragraph 4.3 and Article 7.

10.6 Protection of the Work

10.6.1 Contractor shall protect all materials, equipment, supplies and Work from injury or damage due to heat, storms, rain or wind. If unusually severe weather makes it impossible to continue operations safely in spite of necessary weather precautions, Contractor shall cease Work and notify County of such cessation in accordance with the requirements of Article 4.

10.6.2 Contractor shall not permit open fires on the Project.

10.6.3 Contractor shall take necessary precautions to guard against and eliminate possible fire hazards and to prevent damage to construction Work, building materials, equipment, temporary field offices, storage shed, and public and private property.

10.6.4 If Contractor fails to adequately protect the Work, Contractor is responsible for all damage incurred by County. Contractor is responsible for payment of the deductible on the Builder's Risk Policy, however, County, at its sole discretion, can decide to pay the deductible and deduct such payment from payments then or thereafter due Contractor. If payments then or thereafter due the Contractor are not sufficient to cover such deductible amounts, the Contractor will then pay the different to the County.

10.7 Protection of Existing Property

The Contractor shall be responsible for all measures necessary to protect existing property to remain. This shall include, but is not limited to, padding and draping elevators used in construction, draping of openings and other measures to isolate areas remaining in use, relocation of furniture, fixtures, and equipment, protective covering/draping of furniture, fixtures, and equipment, and protection of landscape materials, planting, and interior and exterior finishes at and adjacent to the Work. Property damaged by the Contractor shall be repaired or replaced by the Contractor to the satisfaction of the County without increase to the Contract Sum. Such measures shall be taken at a frequency required to provide such protection and to keep the areas operational as indicated elsewhere in the Agreement.

11 INSURANCE AND BONDS

11.1 Performance Bond and Payment Bond

11.1.1 Bond Requirements.

11.1.1.1 Contractor shall furnish a Labor and Material Payment Bond and a Performance Bond on the forms provided by the County or on any other form approved by County. Contractor shall deliver to County no later than ten (10)

calendar days after award of the Contract, evidence satisfactory to County that Contractor has obtained the required bonds. The Performance Bond shall be furnished as a guarantee of the faithful performance of the requirements of the Contract Documents in an amount equal to one hundred percent (100%) of the Contract Sum. The Payment Bond shall secure payment of all claims, demands, stop notices, mechanics liens, or charges of material suppliers, mechanics, or laborers employed by the Contractor or by any Subcontractor or any person, firm, or entity eligible to file a stop notice with respect to the Work in an amount equal to one hundred percent (100%) of the Contract Sum. Bonds may be obtained through Contractor's usual source, provided the bonds meet all County requirements, and the cost thereof shall be included in the Contract Sum. In the event of changes in the Work, that increase the Contract Sum, the amount of each bond shall increase and at all times remain equal to the Contract Sum.

11.1.1.2 The bonds shall be executed by a California admitted surety with an A.M. Best's Company rating satisfactory to the County. If an A.M. Best's rating is not available, the proposed surety must meet comparable standards of another rating service satisfactory to County. Bonds issued by a California admitted surety listed in the latest versions of the U.S. Department of Treasury Circular 570 shall be deemed to be accepted unless specifically rejected by County. Bonds from a California admitted surety not listed in Treasury Circular 570 must be accompanied by all of the documents enumerated in California Code of Civil Procedure Section 995.660(a). All bonds must comply with the Bond and Undertaking Law (Code of Civil Procedure Section 995.010 et. seq.).

11.1.1.3 All such bonds shall be accompanied by a power of attorney from the surety company authorizing the person executing the bond to sign on behalf of the company. If the bonds are executed outside the State of California, all copies of the bonds must be countersigned by a California representative of the surety. The signature of the person executing the bond shall be acknowledged by a Notary Public as the signature of the person designated in the power of attorney.

11.1.1.4 If, during the continuance of the Contract, any of the sureties, in the opinion of the County, are or become non-responsible or otherwise unacceptable to County, County may require other new or additional sureties, which the Contractor shall furnish to the satisfaction of County within ten (10) days after notice, and in default thereof the Contract may be suspended and the materials may be purchased or the work completed as provided in Articles 2 and 13 herein.

11.1.2 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or shall permit a copy to be made.

11.1.3 The Performance Bond shall name the County as the beneficiary under the bond.

11.1.4 In the event of increases in the Contract Sum by Change Orders, or otherwise, the Contractor shall submit to the County evidence of additional bond coverage (both Labor and Material Payment Bond and Performance Bond) for such increases in the Contract Sum. Contractor shall be compensated for such additional bond coverage.

11.1.5 Changes in the Work or extensions of time, made pursuant to the Contract, shall in no way release the Contractor or Surety from their obligations; and the bonds shall remain in full force and effect until one year following the filing of Notice of Completion of the Project by the County. Notice of such changes or extensions shall be waived by the surety.

11.2 Insurance

11.2.1 Contractor shall not commence work under this Contract until all insurance has been obtained that is required under this section and such insurance has been verified by the County, nor shall Contractor allow any Subcontractor to commence work on its Contract until all similar insurance required of the Subcontractor has been so obtained and approved.

The Contractor agrees to provide insurance set forth in accordance with the requirements herein. If the Contractor uses existing coverage to comply with these requirements and that coverage does not meet the specified requirements, the Contractor agrees to amend, supplement or endorse the existing coverage to do so.

Without in anyway affecting the indemnity herein provided and in addition thereto, the Contractor shall secure and maintain throughout the contract term the following types of insurance with limits as shown:

11.2.1.1 Workers' Compensation/Employers Liability

A program of Workers' Compensation insurance or a state-approved, self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits covering all persons including volunteers providing services on behalf of the Contractor and all risks to such persons under this Contract.

If Contractor has no employees, it may certify or warrant to the County that it does not currently have any employees or individuals who are defined as "employees" under the Labor Code and the requirement for Workers' Compensation coverage will be waived by the County's Director of Risk Management.

With respect to Contractors that are non-profit corporations organized under California or Federal law, volunteers for such entities are required to be covered by Workers' Compensation insurance.

11.2.1.2 Commercial/General Liability Insurance

The Contractor shall carry General Liability Insurance covering all operations performed by or on behalf of the Contractor providing coverage for bodily injury and property damage with a combined single limit of not less than one million dollars (\$1,000,000), per occurrence. The policy coverage shall include:

- (a) Premises operations and mobile equipment.
- (b) Products and completed operations.
- (c) Broad form property damage (including completed operations).
- (d) Explosion, collapse and underground hazards.
- (e) Personal injury
- (f) Contractual liability.
- (g) \$2,000,000 general aggregate limit.

11.2.1.3 Automobile Liability Insurance

Primary insurance coverage shall be written on ISO Business Auto coverage form for all owned, hired and non-owned automobiles or symbol 1 (any auto). The policy shall have a combined single limit of not less than one million dollars (\$1,000,000) for bodily injury and property damage, per occurrence.

If the Contractor is transporting one or more non-employee passengers in performance of contract services, the automobile liability policy shall have a combined single limit of two million dollars (\$2,000,000) for bodily injury and property damage per occurrence.

If the Contractor owns no autos, a non-owned auto endorsement to the General Liability policy described above is acceptable.

11.2.1.4 Increased General Liability and Automobile Liability Insurance Limits for Larger Construction Projects

Construction contracts for projects of one million (\$1,000,000) or over and less than three million (\$3,000,000) require limits of not less than three million (\$3,000,000) in General Liability and Auto Liability coverage.

Construction contracts for projects of three million (\$3,000,000) or over and less than five million (\$5,000,000) require limits of not less than five million (\$5,000,000) in General Liability and Auto Liability coverage.

Construction contracts for projects of five million (\$5,000,000) or over require limits of not less than ten million (\$10,000,000) in General Liability and Auto Liability.

11.2.1.5 Course of Construction/Installation (Builder's Risk) Property Insurance

Course of Construction/Installation (Builder's Risk) Property Insurance providing all risk, including theft coverage for all property and materials to be used on the project. The insurance policy shall not have any coinsurance penalty.

11.2.1.6 Umbrella Liability Insurance

An umbrella (over primary) or excess policy may be used to comply with limits or other primary coverage requirements. When used, the umbrella policy shall apply to bodily injury/property damage, personal injury/advertising injury and shall include a “dropdown” provision providing primary coverage for any liability not covered by the primary policy. The coverage shall also apply to automobile liability.

11.2.1.7 Continuing Products/Completed Operations Liability Insurance

Contractor shall provide Continuing Products/Completed Operations Liability Insurance with a limit of not less than five million (\$5,000,000) for each occurrence for at least three years following substantial completion of the work on projects over one million (\$1,000,000).

11.2.1.8 Environmental Liability Insurance

Any contract that involves the use, handling, transportation, storage, abatement, containment or testing of any substance that is potentially toxic or hazardous to the environment, including but not limited to, those listed as hazardous by the United States Department of Transportation or the CAL OSHA “Director’s list of Hazardous Substances” or listed as radioactive by the Nuclear Regulatory Commission, shall have the following additional requirements:

Environmental Liability Insurance with a combined single limit of not less than five million (\$5,000,000) per claim or occurrence and a separate aggregate for the contract project. The required additional insured endorsement shall protect the County without any restrictions.

If insurance coverage is provided on a “claims made” policy, the “retroactive date” shall be shown and must be before the date of the start of the contract work. The claims made insurance shall be maintained or “tail” coverage provided for a minimum of five (5) years after contract completion.

11.2.2 Subcontractor Insurance Requirements.

The Contractor agrees to require all parties or subcontractors, including architects or others it hires or contracts with related to the performance of this Contract to provide insurance covering the contracted operations with the basic requirements identified in Paragraphs 11.2.3 through 11.2.11 and 3.18 (indemnification), and the insurance specifications identified under Paragraph 11.2, (including waiver of subrogation rights) and naming the County as an additional insured. The Contractor agrees to monitor and review all such coverage and assumes all responsibility ensuring that such coverage is provided as required here.

11.2.3 Additional Insured

All policies, except for the Workers’ Compensation, Errors and Omissions and Professional Liability policies, shall contain endorsements naming the County and its officers, employees, agents and volunteers as additional insureds with respect to liabilities arising out of the

performance of services hereunder. The additional insured endorsements shall not limit the scope of coverage for the County to vicarious liability but shall allow coverage for the County to the full extent provided by the policy. Such additional insured coverage shall be at least as broad as Additional Insured (Form B) endorsement form ISO, CG 2010.11 85.

11.2.4 Waiver of Subrogation Rights

The Contractor shall require the carriers of required coverages to waive all rights of subrogation against the County, its officers, employees, agents, volunteers, contractors and subcontractors. All general or auto liability insurance coverage provided shall not prohibit the Contractor and Contractor's employees or agents from waiving the right of subrogation prior to a loss or claim. The Contractor hereby waives all rights of subrogation against the County.

11.2.5 Policies Primary and Non-Contributory

All policies required herein are to be primary and non-contributory with any insurance or self-insurance programs carried or administered by the County.

11.2.6 Severability of Interests

The Contractor agrees to ensure that coverage provided to meet these requirements is applicable separately to each insured and there will be no cross liability exclusions that preclude coverage for suits between the Contractor and the County or between the County and any other insured or additional insured under the policy.

11.2.7 Proof of Coverage

The Contractor shall furnish Certificates of Insurance to the County Department administering the contract evidencing the insurance coverage at the time the contract is executed, additional endorsements, as required shall be provided prior to the commencement of performance of services hereunder, which certificates shall provide that such insurance shall not be terminated or expire without thirty (30) days written notice to the Department, and Contractor shall maintain such insurance from the time Contractor commences performance of services hereunder until the completion of such services. Within fifteen (15) days of the commencement of this Contract, the Contractor shall furnish a copy of the Declaration page for all applicable policies and will provide complete certified copies of the policies and endorsements immediately upon request.

11.2.8 Acceptability of Insurance Carrier

Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum "Best" Insurance Guide rating of "A- VII".

11.2.9 Deductibles and Self-Insured Retention

Any and all deductibles or self-insured retentions in excess of \$10,000 shall be declared to and approved by Risk Management.

11.2.10 Failure to Procure Coverage

In the event that any policy of insurance required under this contract does not comply with the requirements, is not procured, or is canceled and not replaced, the County has the right but not the obligation or duty to cancel the contract or obtain insurance if it deems necessary and any premiums paid by the County will be promptly reimbursed by the Contractor or County payments to the Contractor will be reduced to pay for County purchased insurance.

11.2.11 Insurance Review

Insurance requirements are subject to periodic review by the County. The Director of Risk Management or designee is authorized, but not required, to reduce, waive or suspend any insurance requirements whenever Risk Management determines that any of the required insurance is not available, is unreasonably priced, or is not needed to protect the interests of the County. In addition, if the Department of Risk Management determines that heretofore unreasonably priced or unavailable types of insurance coverage or coverage limits become reasonably priced or available, the Director of Risk Management or designee is authorized, but not required, to change the above insurance requirements to require additional types of insurance coverage or higher coverage limits, provided that any such change is reasonable in light of past claims against the County, inflation, or any other item reasonably related to the County's risk.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this contract. Contractor agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of the County to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of the County.

12 UNCOVERING AND CORRECTION OF WORK

12.1 Uncovering of Work

12.1.1 Specific Request. If a portion of the Work is covered contrary to the County's request or to requirements specifically expressed in the Contract Documents, it must, if required in writing by the County, be uncovered for the County examination and be replaced at the Contractor's expense within the Contract Sum and without change in the Contract Time.

12.1.2 No Specific Request. If a portion of the Work has been covered, which the County has not specifically requested to examine prior to its being covered, the County may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Change Order, be at the County's expense. If such Work is not in accordance with the Contract Documents, correction shall be at the Contractor's expense within the Contract Sum unless the condition was caused by the

County or a Separate Contractor in which event the County shall be responsible for payment of such costs.

12.2 Correction of Work

12.2.1 Before or After Final Completion. The Contractor shall promptly correct Work rejected by the County as failing to conform to the requirements of the Contract Documents, whether discovered before or after Final Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing, inspections, and compensation for the County's services and expenses made necessary thereby, shall be at the Contractor's expense within the Contract Sum.

12.2.1.1 If Contractor fails to promptly correct Work rejected by the County, as failing to conform to the requirements of the Contract Documents, or fails to perform the Work in accordance with the Contract Documents, the County may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated by Contractor, or until the County chooses to complete the Work. Contractor shall not be entitled to any adjustment of Contract Time or Contract Sum as a result of any such order. The County and County's Project Manager shall have no duty or responsibility to Contractor or any other party to exercise the right to stop the Work.

12.2.2 After Final Completion.

12.2.2.1 In addition to the Contractor's warranty obligations under Paragraph 3.5, if, within one year after the date of Final Completion of the Work or after the date for commencement of warranties established under Subparagraph 3.5.2, or by terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the County to do so, unless the County has previously given the Contractor a written acceptance of such condition. Such corrective work shall be performed without charge or cost to County after Final Completion of the Work. The County shall give such notice promptly after discovery of the condition. If the Contractor fails to correct nonconforming Work within a reasonable time after receipt of notice from the County, the County may correct the nonconforming work in accordance with Paragraph 2.5.

12.2.3 Removal. The Contractor shall remove from the Site portions of the Work which are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the County.

12.2.4 Destruction or Damage. The Contractor shall bear the cost within the Contract Sum of correcting destroyed or damaged construction, whether completed or partially completed, of the County or Separate Contractor caused by the Contractor's

correction or removal of Work which is not in accordance with the requirements of the Contract Documents.

12.2.5 No Limitation. Nothing contained in this Paragraph 12.2 shall be construed to establish a period of limitation with respect to other obligations which the Contractor might have under the Contract Documents. Establishment of the one-year period for correction of Work as described in Subparagraph 12.2.2 relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

12.3 Acceptance of Nonconforming Work

If the County prefers to accept Work which is not in accordance with the requirements of the Contract Documents, the County may do so instead of requiring its removal and correction. Such option shall be exercised solely by notice to Contractor and shall not be implied from any act or omission by the County. In such case, the Contract Sum will be reduced by an amount equal to the cost of replacing the Work to make it as originally specified or intended. Such adjustment shall be effected whether or not Final Payment has been made.

13 TERMINATION OR SUSPENSION OF THE CONTRACT

13.1 Termination by the Contractor

13.1.1 Work Stoppage Not Caused by County. If the Work is stopped for a period of ninety (90) consecutive days through no act or fault of the Contractor or a Subcontractor, Sub-subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, for any of the following reasons: issuance of an order of a court or other public authority having jurisdiction which requires all Work to be stopped; an act of government, such as a declaration of national emergency which requires all Work to be stopped; and Contractor has given County written notice within ten (10) days of the occurrence of such ground for termination, then the Contractor may, upon thirty (30) additional calendar days written notice to County and, unless the reason has theretofore been cured, terminate its performance and recover from the County payment for Work executed to date and reasonable demobilization costs.

13.1.2 Work Stoppage Caused by County. If the Work is stopped for a period of 120 consecutive days through no act or fault of the Contractor or a Subcontractor or their agents or employees or any other persons performing portions of the Work under contract with the Contractor because the County has persistently failed to fulfill the County's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may give County ten (10) calendar days written notice to cure. If the County fails to cure, the Contractor may, upon ten (10)

additional calendar days' written notice to the County, terminate the Contract and recover from the County as provided in Subparagraph 13.1.1 above.

13.2 Termination by the County for Cause

13.2.1 Grounds. The County may terminate the Contractor's performance of the Contract for cause if:

- (1) Contractor fails promptly to begin the Work under the Contract Documents; or
- (2) Contractor refuses or fails to supply enough properly skilled workers or proper materials; or
- (3) Contractor fails to perform the Work in accordance with the Contract Documents, including conforming to applicable standards set forth therein in constructing the Project, or refuses to remove and replace rejected materials or unacceptable Work; or
- (4) Contractor discontinues the prosecution of the Work (exclusive of work stoppage: (i) due to termination by County; or (ii) due to and during the continuance of a Force Majeure event or suspension by County); or
- (5) Contractor fails to resume performance of Work which has been suspended or stopped, within a reasonable time after receipt of notice from County to do so or (if applicable) after cessation of the event preventing performance; or
- (6) Any representation or warranty made by Contractor in the Contract Documents or any certificate, schedule, instrument, or other document delivered by Contractor pursuant to the Contract Documents shall have been false or materially misleading when made; or
- (7) Contractor fails to make payment to Subcontractors for materials or labor in accordance with the respective Contract Documents and Applicable Law; or
- (8) Contractor disregards laws, ordinances, or rules, regulations, or orders of a public authority having jurisdiction; or
- (9) Contractor otherwise is guilty of breach of a provision of the Contract Documents; or
- (10) Contractor becomes insolvent, is adjudicated bankrupt, or makes a general assignment for the benefit of creditors and fails to provide County with adequate assurances of Contractor's ability to satisfy its contractual obligations.

A receiver, trustee, or other judicial officer shall not have any right, title, or interest in or to the Contract. Upon that person's appointment, County has, at its option and sole discretion, the right to immediately cancel the Contract and declare it null and void.

13.2.2 County's Rights. When any of the reasons specified in Subparagraph 13.2.1 exist, the County may, in addition to and without prejudice to any other rights or

remedies of the County, and after giving the Contractor five (5) calendar days written notice, terminate employment of the Contractor and may:

- (1) Take possession of the Site and of all materials, equipment, tools and construction equipment, and machinery thereon owned by the Contractor;
- (2) Suspend any further payments to Contractor;
- (3) Accept assignment of subcontracts pursuant to Paragraph 5.3; and
- (4) Finish the Work by whatever reasonable method the County may deem expedient. Upon request of the Contractor, the County shall furnish to the Contractor a detailed accounting of the costs incurred by the County in finishing the Work.

13.2.3 Costs. If County's costs to complete and damages incurred due to Contractor's default exceed the unpaid Contract balance, the Contractor and Contractor's Sureties shall pay the difference to the County.

13.2.4 Erroneous Termination. If it has been adjudicated or otherwise determined that County has erroneously or negligently terminated the Contractor for cause, then said termination shall automatically convert to a termination by the County for convenience as set forth in Paragraph 13.4.

13.3 Suspension by the County

13.3.1 Suspension For Convenience.

13.3.1.1 The County may, without cause, order the Contractor in writing to suspend, delay, or interrupt the Work in whole or in part for such period of time as the County may determine.

13.3.1.2 Contractor shall promptly recommence the Work upon written notice from County directing Contractor to resume the Work. The Contract Sum and Contract Time shall be adjusted for any increases in the cost and time caused by suspension, delay, or interruption provided Contractor complies with the Change Order and Claims proceedings set forth the Articles 4 and 7 of these General Conditions. No adjustment shall be made to the extent:

- (1) That performance is, was, or would have been so suspended, delayed, or interrupted by another cause for which the Contractor is responsible; or
- (2) That an equitable adjustment is made or denied under another provision of the Contract.

13.3.2 Suspensions For Cause. County has the authority by written order to suspend the Work without liability to County wholly or in part for Contractor's failure to:

- (1) Correct conditions unsafe for the Project personnel or general public; or
- (2) Carry out the Contract; or
- (3) Carry out orders of County.

13.3.3 Responsibilities of Contractor During Suspension Periods. During periods that Work is suspended, Contractor shall continue to be responsible for the Work and shall prevent damage or injury to the Project, provide for drainage, and shall erect necessary temporary structures, signs or other facilities required to maintain the Project and continue to perform according the Article 10 of these General Conditions.

13.4 Termination by the County for Convenience

13.4.1 Grounds. Without limiting any rights which County may have by reason of any default by Contractor hereunder, County may terminate Contractor's performance of the Contract in whole or in part, at any time, for convenience or any other reason upon written notice to Contractor. Such termination shall be effective as of the date stated in the written notice, which shall be no less than ten (10) calendar days from the date of the notice.

13.4.2 Contractor Actions. Immediately upon receipt of such notice, Contractor shall: (i) cease performance of the Work of this Agreement to the extent specified in the notice; (ii) take actions necessary or that the County may direct, for the protection and preservation of the Work; (iii) settle outstanding liabilities, as directed by County; (iv) transfer title and deliver to County Work in progress, specialized equipment necessary to perform the Work, and Record Documents; and, (v) except for Work directed by County to be performed, incur no further costs or expenses. At the option of the County, all or any of the subcontracts entered into by Contractor prior to the date of termination shall be terminated or shall be assigned to County.

13.4.3 Compensation. If the Parties are unable to agree on the amount of a termination settlement, the County shall pay the Contractor the following amounts:

- (1) For Work performed before the effective date of termination, the total (without duplication of any items) of:
 - (a) The Cost of the Work; and
 - (b) A sum, as profit on (1)(a), above, determined by the County to be fair and reasonable;
- (2) The reasonable costs of settlement of the Work terminated, including:
 - (a) Accounting, clerical, and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data; and

- (b) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory.

In no event shall Contractor be entitled to recover overhead or profit on Work not performed.

13.5 Authority of County

In determination of the question of whether there has been such noncompliance with the Contract as to warrant the suspension or termination of the Contract, the decision of the County will be binding on all parties.

13.6 Termination by Acts of God

In the event the Project is damaged by an "Act of God" as defined in Public Contract Code section 7105, the County may elect to terminate the Contract. If the County terminates the Contract pursuant to this paragraph, compensation to the Contractor shall be solely for any Work completed, any materials purchased, any bonds and insurance paid and for any equipment used prior to the occurrence of the "Act of God".

14 EMPLOYMENT OF LABOR/WAGE RATES

14.1 Determination of Prevailing Rates

Pursuant to California Labor Code, Part VII, Chapter 1, Article 2, Sections 1770, et seq., the County has obtained from the Director of the Department of Industrial Relations (DIR) pursuant to the California Labor Code, the general prevailing rates of per diem wages and the prevailing rates for holiday and overtime work in the locality in which the Work is to be performed. Copies of said rates are on file with the Department, San Bernardino County, will be made available for inspection during regular business hours, are included elsewhere in the specifications for the Work in the Project, and are also available online at www.dir.ca.gov/dlsr/DPreWageDetermination.htm. The wage rate for any classification not listed, but which may be required to execute the Work, shall be commensurate and in accord with specified rates for similar or comparable classifications for those performing similar or comparable duties. In accordance with Section 1773.2 of the California Labor Code, the Contractor shall post, at appropriate and conspicuous locations on the jobsite, a schedule showing all applicable prevailing wage rates and shall comply with the requirements of Labor Code Sections 1773, et seq.

14.1.1 Federal Funding Requirements.

14.1.1.1 If federal funding is involved with the Project the Federal Davis-Bacon Act (40 U.S.C. 3141 et seq.), as supplemented by Department of Labor regulations (29 C.F.R. Part 5), will apply to the Project and those requirements shall be complied with by Contractor. The Contractor and all Subcontractors and Sub-subcontractors are required to pay their employees and workers a wage not less than the minimum

wage for the work classification as specified in both the Federal and California wage decisions. The higher of the two applicable wage classifications, either California prevailing wage or Davis-Bacon Federal prevailing wage, will be enforced for all Work under this Contract. If applicable, the Contractor is responsible for ensuring Subcontractor compliance with Davis-Bacon and related federal law requirements.

14.1.1.2 Contractor must comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 C.F.R. Part 3).

14.1.1.3 Contractor must comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701 et seq.) as supplemented by Department of Labor regulations (29 C.F.R. Part 5).

14.2 Subcontractors

14.2.1 Ineligible Subcontractors. Pursuant to the provisions of Section 1777.1 of the California Labor Code, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a contractor or subcontractor on a public works project. This list of debarred contractors is available from the DIR website at http://www.dir.ca.gov/dir/Labor_law/DSLE/Debar.html. Any contract entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the County. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

14.2.1.1 Excluded Parties List System (EPLS). Neither Contractor nor its employees or subcontractors shall be named on the EPLA, which includes information regarding entities debarred, suspended, proposed for debarment, excluded or disqualified under the non-procurement common rule, or otherwise declared ineligible from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits. The EPLS can be accessed at <http://www.epls.gov/>. This information may include names, addresses, DUNS numbers, Social Security Numbers, Employer Identification Numbers or other Taxpayer Identification Numbers, if available and deemed appropriate and permissible to publicize by the agency taking the action. Contractor is aware that although United States General Service Administration operates this system, individual agencies are responsible for the timely reporting, maintenance, and accuracy of their data.

14.2.1.2 Certification. Contractor certifies that neither it nor its principals or Subcontractors are presently disbarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency as required by Executive Order 12549.

14.2.2 Employment of Apprentices. The Contractor and all Subcontractors performing Work for the Project shall comply with all requirements pertaining to the employment of apprentices pursuant to the provisions of the California Labor Code including, but not limited to, California Labor Code Section 1777.5.

14.3 Payment of Prevailing Rates

There shall be paid each worker of the Contractor, or any Subcontractor, of any tier, engaged in the Work, not less than the general prevailing wage rate, regardless of any contractual relationship which may be alleged to exist between the Contractor or any Subcontractor, of any tier, and such worker.

14.4 Prevailing Rate Penalty

The Contractor shall, as a penalty, forfeit two hundred dollars (\$200.00) to the County for each calendar day or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of the Department of Industrial Relations for such work or craft in which such worker is employed by the Contractor or by any Subcontractor in connection with the Work. Pursuant to California Labor Code Section 1775, the difference between such prevailing wage rates and the amount paid to each worker for each calendar day, or portion thereof, for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by the Contractor.

14.5 Payroll Records

14.5.1 Pursuant to California Labor Code Section 1776, the Contractor and each Subcontractor, of any tier, shall keep accurate certified payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed by them in connection with the Work. The payroll records enumerated herein shall be verified by a written declaration made under penalty of perjury that the information contained in the payroll record is true and correct and that the Contractor or Subcontractor has complied with the requirements of the California Labor Code Sections 1771, 1811, and 1815 for any Work performed by his or her employees on the Project. The payroll records shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:

- (1) a certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his/her authorized representative on request;
- (2) a certified copy of all payroll records shall be made available for inspection or furnished upon request to the County, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards of the Department of Industrial Relations;
- (3) a certified copy of payroll records shall be made available upon request to the public for inspection or copies thereof made; provided, however, that a request by the public

shall be made through either the County, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been previously provided to the County, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, the requesting party shall, prior to being provided the records, reimburse the cost of preparation by the Contractor, Subcontractor and the entity through which the request was made; the public shall not be given access to such records at the principal office of the Contractor;

(4) the Contractor shall file a certified copy of the payroll records with the entity that requested such records within ten (10) days after receipt of a written request; and

(5) copies provided to the public, by the County, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor or any Subcontractor of any tier, performing a part of the Work shall not be marked or obliterated. The Contractor shall inform the County of the location of payroll records, including the street address, city and county and shall, within five (5) working days, provide a notice of a change of location and address.

14.5.2 In the event Contractor does not comply with the requirements of this subsection, the Contractor shall have ten (10) days in which to comply, subsequent to a receipt of written notice specifying in what respects the Contractor must comply herewith. Should non-compliance still be evident after a ten (10) day period, the Contractor shall, as a penalty to the County, forfeit one-hundred dollars (\$100.00) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalty shall be withheld from any portion of the Contract Sum then due or to become due to the Contractor.

14.5.3 State Construction Bond and Weekly Electronic Certified Payroll Records.

14.5.3.1 If the Project is funded in whole or in part from a bond issued by the State to fund public works projects, the following requirements shall apply:

14.5.3.1.1 The Project is subject to the requirements of Division 2, Part 7, Chapter 1 of the California Labor Code and Title 8, Division 1, Chapter 8, Subchapter 4.5 of the California Code of Regulations. Under the above-cited Chapter of the Labor Code and Subchapter of the California Code of Regulations, this Project is subject to monitoring by the Compliance Monitoring Unit (CMU) of the California Department of Industrial Relations, Division of Labor Standards Enforcement. In addition, under the above-cited Chapter of the Labor Code and Subchapter of the California Code of Regulations, the Contractor (and their Subcontractors via the Contractor) shall submit on a weekly basis electronic certified payroll reports directly to the CMU and the County using the eCPR system – MyLCM or the County's LCPTracker Program. Further, the Contractor (and their Subcontractors via the Contractor) shall submit directly to the CMU accurate payroll records within 10 days of any separate request by the CMU. To

enroll in MyLCM, obtain additional information and assistance, go to the third party non-government website at <https://app.mylcm.com>. Subcontractors may also enroll in MyLCM at the website.

14.5.3.1.2 At the Project Site the Contractor shall post throughout the term of the Contract a notice (in English and Spanish) as required by, and containing the language provided in section 16451(d) of Title 8 of the California Code of Regulations. The notice (in the form of posters) is available on the CMU website at http://www.dir.ca.gov/dlse/cmu/Forms_Publications_and_Resources.html, at the Division of Labor Standards Enforcement District Office or by e-mailing a request to CMU@dir.ca.gov. The notice will indicate to employees and others that the worksite falls under regulations of the CMU. The local CMU District Office is located at the following address: CMU District Office – San Bernardino, 464 W. Fourth Street, Room 348, San Bernardino, CA 92401, (909) 383-4334 or (909) 889-8120.

14.5.3.1.3 Failure to meet the requirements above will subject the Contractor to sanctions/withholding of Contract payments as allowed by law for any delinquent or inadequate certified payroll records. Payroll violations are required to be reported to the State and/or Federal government.

14.6 Limits on Hours of Work

Pursuant to California Labor Code Section 1810, eight (8) hours of labor shall constitute a legal day's work. Pursuant to California Labor Code Section 1811, the time of service of any worker employed at any time by the Contractor or by a Subcontractor, or any tier, upon the Work or upon any part of the Work, is limited and restricted to eight (8) hours during any one calendar day and forty (40) hours during any one calendar week, except as hereafter provided. Notwithstanding the foregoing provisions, Work performed by employees of Contractor or any Subcontractor, of any tier, in excess of eight (8) hours per day and forty (40) hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1½) times the basic rate of pay.

14.7 Penalty for Excess Hours

The Contractor shall pay to the County a penalty of twenty-five dollars (\$25.00) for each worker employed on the Work by the Contractor or any Subcontractor, of any tier, for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day and forty (40) hours in any one calendar week, in violation of the provisions of the California Labor Code, unless compensation to the worker so employed by the Contractor is not less than one and one-half (1½) times the basic rate of pay for all hours worked in excess of eight (8) hours per day.

14.8 Contractor Responsibility

Any work performed by workers necessary to be performed after regular work hours or on Sundays or other holidays shall be performed without adjustment of the Contract Sum and/or without additional expense to the County.

14.9 Employment of Apprentices

Any apprentices employed to perform any of the Work shall be paid the standard wage to apprentices under the regulations of the craft or trade for which such apprentice is employed, and such individual shall be employed only for the Work of the craft or trade to which such individual is registered. Only apprentices, as defined in California Labor Code Section 3077, who are in training under apprenticeship standards and written apprenticeship agreements under California Labor Code Sections 3070 et seq. are eligible to be employed for the Work. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which such apprentice is training.

14.10 Apprenticeship Certificate

When the Contractor or any Subcontractor, of any tier, in performing any of the Work employs workers in any Apprenticeable Craft or Trade, as hereinafter defined, the Contractor and such Subcontractor shall apply to the Joint Apprenticeship Committee administering the apprenticeship standards of the craft or trade in the area of the site of the Work for a certificate approving the Contractor or such Subcontractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected, provided, however, that the approval as established by the Joint Apprenticeship Committee or Committees, subsequent to approving the Contractor or Subcontractor, shall arrange for the dispatch of apprentices to the Contractor or such Subcontractor in order to comply with California Labor Code Section 1777.5. The Contractor and Subcontractor shall submit contract award information to the applicable Joint Apprenticeship Committee, which shall include an estimate of journeyman hours to be performed under the Contract, the number of apprentices to be employed, and the approximate dates the apprentices will be employed. There shall be an affirmative duty upon the Joint Apprenticeship Committee or Committees, administering the apprenticeship standards of the crafts or trades in the area of the site of the Work, to ensure equal employment and affirmative action and apprenticeship for women and minorities. Contractors or Subcontractors shall not be required to submit individual applications for approval to local Joint Apprenticeship Committees provided they are already covered by the local apprenticeship standards.

14.11 Ratio of Apprentices to Journeymen

The ratio of Work performed by the apprentices to journeymen, who shall be employed in the Work, may be the ratio stipulated in the apprenticeship standards under which the Joint Apprenticeship Committee operates, but in no case shall the ratio be less than one hour of apprentice work for each five hours of labor performed by a journey, except as otherwise provided in California Labor Code Section 1777.5. The minimum ratio of the land surveyor

classification shall not be less than one apprentice for each five journeymen. Any ratio shall apply during any day or portion of a day when any journeyman, or the higher standard stipulated by the Joint Apprenticeship Committee, is employed at the site of the Work and shall be computed on the basis of the hours worked during the day by journeymen so employed, except for the land surveyor classification. The Contractor shall employ apprentices for the number of hours computed as above before the completion of the Work. The Contractor shall, however, endeavor, to the greatest extent possible, to employ apprentices during the same time period that the journeymen in the same craft or trade are employed at the site of the Work. Where an hourly apprenticeship ratio is not feasible for a particular craft or trade, the Division of Apprenticeship Standards, upon application of a Joint Apprenticeship Committee, may order a minimum ratio of not less than one apprentice for each five journeymen in a craft or trade classification. The Contractor or any Subcontractor covered by this Article and California Labor Code Section 1777.5, upon the issuance of the approval certificate, or if it has been previously approved in such craft, or trade, shall employ the number of apprentices or the ratio of apprentices to journeymen stipulated in the apprenticeship standards. Upon proper showing by the Contractor that it employs apprentices in such craft or trade in the State of California on all of its contracts on an annual average of not less than one apprentice to each five journeymen, the Division of Apprenticeship Standards may grant a certificate exempting the Contractor from the 1-to-5 ratio as set forth in this Article and California Labor Code Section 1777.5. This Article shall not apply to contracts of general contractors, or to contracts of specialty contractors not bidding for work through a general or prime contractor, involving less than Thirty Thousand Dollars (\$30,000.00) or twenty (20) working days. The term "Apprenticeable Craft or Trade" as used herein shall mean a craft or trade determined as an Apprenticeable occupation in accordance with rules and regulations prescribed by the Apprenticeship Council.

14.12 Exemption from Ratios

The Joint Apprenticeship Committee shall have the discretion to grant a certificate, which shall be subject to the approval of the Administrator of Apprenticeship, exempting the Contractor from the 1-to-5 ratio set forth in this Article when it finds that any one of the following conditions are met:

- (1) unemployment for the previous three-month period in such area exceeds an average of fifteen percent (15%); or
- (2) the number of apprentices in training in such area exceeds a ratio of 1-to-5 in relation to journeymen; or
- (3) the Apprenticeable Craft or Trade is replacing at least one-thirtieth (1/30) of its journeymen annually through apprenticeship training, either on a statewide basis or on a local basis; or
- (4) if assignment of an apprentice to any work performed under the Contract Documents would create a condition which would jeopardize such apprentice's life or the life, safety or property of fellow employees or the public at large, or if the specific task to which the

apprentice is to be assigned is of such a nature that training cannot be provided by a journeyman.

When such exemptions from the 1-to-5 ratio between apprentices and journeymen are granted to an organization which represents contractors in a specific trade on a local or statewide basis, the member contractors will not be required to submit individual applications for approval to local Joint Apprenticeship Committees, provided they are already covered by the local apprenticeship standards.

14.13 Contributions to Trust Funds

The Contractor or any Subcontractor, of any tier, who, performs any of the Work by employment of journeymen or apprentices in any Apprenticeable Craft or Trade and who is not contributing to a fund or funds to administer and conduct the apprenticeship program in any such craft or trade in the area of the site of the Work, to which fund or funds other contractors in the area of the site of the Work are contributing, shall contribute to the fund or funds in each craft or trade in which it employs journeymen or apprentices in the same amount or upon the same basis and in the same manner as the other contractors do, but where the trust fund administrators are unable to accept such funds, contractors not signatory to the trust agreement shall pay a like amount to the California Apprenticeship Council. The Division of Labor Standards Enforcement is authorized to enforce the payment of such contributions of such fund(s) as set forth in California Labor Code Section 227. Such contributions shall not result in an increase in the Contract Sum.

14.14 Contractor's Compliance

The responsibility of compliance with this Article for all Apprenticeable Trades or Crafts is solely and exclusively that of the Contractor. All decisions of the Joint Apprenticeship Committee(s) under this Article are subject to the provisions of California Labor Code Section 3081. In the event the Contractor willfully fails to comply with the provisions of this Article and California Labor Code Section 1777.5, pursuant to California Labor Code Section 1777.7, the Contractor shall:

- (1) be denied the right to bid on any public works contract for a period of one (1) year from the date the determination of non-compliance is made by the Administrator of Apprenticeship; and
- (2) forfeit, as a civil penalty, the sum of One Hundred Dollars (\$100.00) for each calendar day of noncompliance.

Notwithstanding the provisions of California Labor Code Section 1727, upon receipt of such determination, the County shall withhold such amount from the Contract Sum then due or to become due. Any such determination shall be issued after a full investigation, a fair and impartial hearing, and reasonable notice thereof in accordance with reasonable rules and procedures prescribed by the California Apprenticeship Council. Any funds withheld by the County pursuant to this Article shall be deposited in the General Fund or other similar fund of the County. The interpretation and enforcement of California Labor Code Sections 1777.5 and

1777.7 shall be in accordance with the rules and procedures of the California Apprenticeship Council.

14.15 Contractor's Compliance with Law

Contractor, Contractor's agents, and Contractor's employees shall be bound by and comply with all applicable provisions of the Labor Code, and such federal, state and local laws which affect the conduct of the Work. This includes, but is not limited to laws regulating: payment of wages; eight-hour day; overtime, Saturday, Sunday and holiday work; and nondiscrimination.

The Contractor shall forfeit to the County the penalties prescribed in the Labor Code for violations.

14.15.1 Contractor shall comply with all Executive Orders, statutes or regulations regarding the stabilization of wages and prices in the construction industry.

14.16 Equal Employment Opportunity

14.16.1 Contractor agrees to fully comply with the laws and programs (including regulation issued pursuant thereto) which are listed following this paragraph. Such compliance is required to the extent such laws, programs and their regulations are, by their own terms, applicable to this Contract. Contractor warrants that it will make itself thoroughly familiar with the applicable provisions of said laws, programs and regulations prior to commencing performance of the Contract. Copies of said laws, programs and regulations are available upon request from County. To the extent applicable the provisions of said laws, programs and regulations are deemed to be a part of this Contract as if fully set forth herein.

14.16.1.1 Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended (38 U.S.C. 4212) and the applicable clause is inserted pursuant to 41 C.F.R. Sections 60-250.5(a).

14.16.1.2 Rehabilitation Act of 1973, as amended (29 U.S.C. 701 et seq.) and the applicable clause is inserted pursuant to 41 C.F.R. Sections 60-741.5(a).

14.16.1.3 California Fair Employment and Housing Act. (CA Government Code Section 12900 et seq.)

14.16.1.4 Civil Rights Act of 1964, as amended (42 U.S.C. 2000a et seq.), Executive Order No. 11246, September 24, 1965, as amended, and the applicable clause is inserted pursuant to 41 C.F.R. Section 60-1.4.

14.16.2 Executive Order 11246.

Contractor certifies that Contractor will fully comply with Executive Order 11246, as amended by Executive Order 11375, and any other executive order amending this order, and the rules and regulations issued thereunder, which are hereby incorporated by reference as appropriate.

The Contractor commits itself to such compliance by submitting a properly signed bid or offer or by signing or otherwise accepting a Contract or subcontract.

14.17 Senate Bill 854 (Chapter 28, Statutes of 2014) and Senate Bill 96 (Chapter 28, Statutes of 2017) Requirements

14.17.1 Contractor shall comply with Senate Bill 854 (signed into law on June 20, 2014). The requirements include, but are not limited to, the following:

14.17.1.1 No contractor or subcontractor may be listed on a bid proposal (submitted on or after March 1, 2015) for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5, with limited exceptions from this requirements for bid purposes only as allowed under Labor Code section 1771.1(a).

14.17.1.2 No contractor or subcontractor may be awarded a contract for public work or perform work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

14.17.1.3 This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

14.17.1.4 As required by the Department of Industrial Relations, Contractor is required to post job site notices, as prescribed by regulation, regarding compliance monitoring and enforcement by the Department of Industrial Relations.

14.17.1.5 Contractors and all subcontractors must submit certified payroll records online to the Labor Commissioner for all new public works projects issued on or after April 1, 2015, and for all public works projects, new or ongoing, on or after January 1, 2016.

(1) The certified payroll must be submitted at least monthly to the Labor Commissioner.

(2) The County reserves the right to require Contractor and all subcontractors to submit certified payroll records more frequently than monthly to the Labor Commissioner

(3) The certified payroll records must be in a format prescribed by the Labor Commissioner.

14.17.1.6 Registration with the Department of Industrial Relations and the submission of certified payroll records to the Labor Commissioner are not required if the public works project is \$25,000 or less when the project is for construction, alteration, demolition, installation or repair work, or if the public works project is \$15,000 or less when the project is for maintenance work.

14.17.2 Labor Code section 1725.5 states the following:

“A contractor shall be registered pursuant to this section to be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any public work contract that is subject to the requirements of this chapter. For the purposes of this section, “contractor” includes a subcontractor as defined by Section 1722.1.

(a) To qualify for registration under this section, a contractor shall do all of the following:

(1) (A) Register with the Department of Industrial Relations in the manner prescribed by the department and pay an initial nonrefundable application fee of four hundred dollars (\$400) to qualify for registration under this section and an annual renewal fee on or before July 1 of each year thereafter. The annual renewal fee shall be in a uniform amount set by the Director of Industrial Relations, and the initial registration and renewal fees may be adjusted no more than annually by the director to support the costs specified in Section 1771.3.

(B) Beginning June 1, 2019, a contractor may register or renew according to this subdivision in annual increments up to three years from the date of registration. Contractors who wish to do so will be required to prepay the applicable nonrefundable application or renewal fees to qualify for the number of years for which they wish to preregister.

(2) Provide evidence, disclosures, or releases as are necessary to establish all of the following:

(A) Workers' compensation coverage that meets the requirements of Division 4 (commencing with Section 3200) and includes sufficient coverage for any worker whom the contractor employs to perform work that is subject to prevailing wage requirements other than a contractor who is separately registered under this section. Coverage may be evidenced by a current and valid certificate of workers' compensation insurance or certification of self-insurance required under Section 7125 of the Business and Professions Code.

(B) If applicable, the contractor is licensed in accordance with Chapter 9 (commencing with Section 7000) of the Business and Professions Code.

(C) The contractor does not have any delinquent liability to an employee or the state for any assessment of back wages or related damages, interest, fines, or penalties pursuant to any final judgment, order, or determination by a court or any federal, state, or local administrative agency, including a confirmed arbitration award. However, for purposes of this paragraph, the contractor shall not be disqualified for any judgment, order, or determination that is under appeal, provided that the contractor has secured the payment of any amount eventually found due through a bond or other appropriate means.

(D) The contractor is not currently debarred under Section 1777.1 or under any other federal or state law providing for the debarment of contractors from public works.

(E) The contractor has not bid on a public works contract, been listed in a bid proposal, or engaged in the performance of a contract for public works without being lawfully

registered in accordance with this section, within the preceding 12 months or since the effective date of the requirements set forth in subdivision (e), whichever is earlier. If a contractor is found to be in violation of the requirements of this paragraph, the period of disqualification shall be waived if both of the following are true:

(i) The contractor has not previously been found to be in violation of the requirements of this paragraph within the preceding 12 months.

(ii) The contractor pays an additional nonrefundable penalty registration fee of two thousand dollars (\$2,000).

(b) Fees received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(c) A contractor who fails to pay the renewal fee required under paragraph (1) of subdivision (a) on or before the expiration of any prior period of registration shall be prohibited from bidding on or engaging in the performance of any contract for public work until once again registered pursuant to this section. If the failure to pay the renewal fee was inadvertent, the contractor may renew its registration retroactively by paying an additional nonrefundable penalty renewal fee equal to the amount of the renewal fee within 90 days of the due date of the renewal fee.

(d) If, after a body awarding a contract accepts the contractor's bid or awards the contract, the work covered by the bid or contract is determined to be a public work to which Section 1771 applies, either as the result of a determination by the director pursuant to Section 1773.5 or a court decision, the requirements of this section shall not apply, subject to the following requirements:

(1) The body that awarded the contract failed, in the bid specification or in the contract documents, to identify as a public work that portion of the work that the determination or decision subsequently classifies as a public work.

(2) Within 20 days following service of notice on the awarding body of a determination by the Director of Industrial Relations pursuant to Section 1773.5 or a decision by a court that the contract was for public work as defined in this chapter, the contractor and any subcontractors are registered under this section or are replaced by a contractor or subcontractors who are registered under this section.

(3) The requirements of this section shall apply prospectively only to any subsequent bid, bid proposal, contract, or work performed after the awarding body is served with notice of the determination or decision referred to in paragraph (2).

(e) The requirements of this section shall apply to any bid proposal submitted on or after March 1, 2015, to any contract for public work, as defined in this chapter, executed on or after April 1, 2015, and to any work performed under a contract for public work on or after January 1, 2018, regardless of when the contract for public work was executed.

(f) This section does not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work."

14.17.3 Labor Code section 1771.1 states the following:

“(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

(b) Notice of the requirement described in subdivision (a) shall be included in all bid invitations and public works contracts, and a bid shall not be accepted nor any contract or subcontract entered into without proof of the contractor or subcontractor's current registration to perform public work pursuant to Section 1725.5.

(c) An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

(1) The subcontractor is registered prior to the bid opening.

(2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

(d) Failure by a subcontractor to be registered to perform public work as required by subdivision (a) shall be grounds under Section 4107 of the Public Contract Code for the contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

(e) The department shall maintain on its Internet Web site a list of contractors who are currently registered to perform public work pursuant to Section 1725.5.

(f) A contract entered into with any contractor or subcontractor in violation of subdivision (a) shall be subject to cancellation, provided that a contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, contractor, or any subcontractor to comply with the requirements of Section 1725.5 or this section.

(g) If the Labor Commissioner or his or her designee determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with this section, the contractor or subcontractor shall forfeit, as a civil penalty to the state, one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000) in addition to any penalty registration fee assessed pursuant to clause (ii) of subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(h)(1) In addition to, or in lieu of, any other penalty or sanction authorized pursuant to this chapter, a higher tiered public works contractor or subcontractor who is found to have entered into a subcontract with an unregistered lower tier subcontractor to perform any public work in violation of the requirements of Section 1725.5 or this section shall

be subject to forfeiture, as a civil penalty to the state, of one hundred dollars (\$100) for each day the unregistered lower tier subcontractor performs work in violation of the registration requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000).

(2) The Labor Commissioner shall use the same standards specified in subparagraph (A) of paragraph (2) of subdivision (a) of Section 1775 when determining the severity of the violation and what penalty to assess, and may waive the penalty for a first time violation that was unintentional and did not hinder the Labor Commissioner's ability to monitor and enforce compliance with the requirements of this chapter.

(3) A higher tiered public works contractor or subcontractor shall not be liability for penalties assessed pursuant to paragraph (1) if the lower tier subcontractor's performance is in violation of the requirements of Section 1725.5 due to the revocation of a previously approved registration.

(4) A subcontractor shall not be liable for any penalties assessed against a higher tiered public works contractor or subcontractor pursuant to paragraph (1). A higher tiered public works contractor or subcontractor may not require a lower tiered subcontractor to indemnify or otherwise be liable for any penalties pursuant to paragraph (1).

(i) The Labor Commissioner or his or her designee shall issue a civil wage and penalty assessment, in accordance with the provisions of Section 1741, upon determination of penalties pursuant to subdivision (g) and subparagraph (B) of paragraph (1) of subdivision (h). Review of a civil wage and penalty assessment issued under this subdivision may be requested in accordance with the provisions of Section 1742. The regulations of the Director of Industrial Relations, which govern proceedings for review of civil wage and penalty assessments and the withholding of contract payments under Article 1 (commencing with Section 1720) and Article 2 (commencing with Section 1770), shall apply.

(j)(1) Where a contractor or subcontractor engages in the performance of any public work contract without having been registered in violation of the requirements of Section 1725.5 or this section, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or the unregistered subcontractor on all public works until the unregistered contractor or unregistered subcontractor is registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work.

(2) A stop order may be personally served upon the contractor or subcontractor by either of the following methods:

(A) Manual delivery of the order to the contractor or subcontractor personally.

(B) Leaving signed copies of the order with the person who is apparently in charge at the site of the public work and by thereafter mailing copies of the order by first class mail, postage prepaid to the contractor or subcontractor at the address on file with either of the following:

(i) The Contractors' State License Board.

(ii) The Secretary of State.

(3) The stop order shall be effective immediately upon service and shall be subject to appeal by the party contracting with the unregistered contractor or subcontractor, by the unregistered contractor or subcontractor, or both. The appeal, hearing, and any further

review of the hearing decision shall be governed by the procedures, time limits, and other requirements specified in subdivision (a) of Section 238.1.

(k) Failure of a contractor or subcontractor, owner, director, officer, or managing agent of the contractor or subcontractor to observe a stop order issued and served upon him or her pursuant to subdivision (j) is guilty of a misdemeanor punishable by imprisonment in county jail not exceeding 60 days or by a fine not exceeding ten thousand dollars (\$10,000), or both.

(l) This section shall apply to any bid proposal submitted on or after March 1, 2015, and any contract for public work entered into on or after April 1, 2015. This section shall also apply to the performance of any public work, as defined in this chapter, on or after January 1, 2018, regardless of when the contract for public work was entered.

(m) Penalties received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(n) This section shall not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work."

14.17.4 Labor Code section 1771.4 states the following:

"a) All of the following are applicable to all public works projects that are otherwise subject to the requirements of this chapter:

(1) The call for bids and contract documents shall specify that the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

(2) The awarding body shall post or require the prime contractor to post job site notices, as prescribed by regulation.

(3) Each contractor and subcontractor shall furnish the records specified in Section 1776 directly to the Labor Commissioner, in the following manner:

(A) At least monthly or more frequently if specified in the contract with the awarding body.

(B) In a format prescribed by the Labor Commissioner.

(4) If the contractor or subcontractor is not registered pursuant to Section 1725.5 and is performing work on a project for which registration is not required because of subdivision (f) of Section 1725.5, the unregistered contractor or subcontractor is not required to furnish the records specified in Section 1776 directly to the Labor Commissioner but shall retain the records specified in Section 1776 for at least three years after completion of the work.

(5) The department shall undertake those activities it deems necessary to monitor and enforce compliance with prevailing wage requirements.

(b) The Labor Commissioner may exempt a public works project from compliance with all or part of the requirements of subdivision (a) if either of the following occurs:

(1) The awarding body has enforced an approved labor compliance program, as defined in Section 1771.5, on all public works projects under its authority, except those deemed

exempt pursuant to subdivision (a) of Section 1771.5, continuously since December 31, 2011.

(2) The awarding body has entered into a collective bargaining agreement that binds all contractors performing work on the project and that includes a mechanism for resolving disputes about the payment of wages.

(c) The requirements of paragraph (1) of subdivision (a) shall only apply to contracts for public works projects awarded on or after January 1, 2015.

(d) The requirements of paragraph (3) of subdivision (a) shall apply to all contracts for public work, whether new or ongoing, on or after January 1, 2016.”

15 MISCELLANEOUS PROVISIONS

15.1 Governing Law

The Contract shall be governed by the laws of the State of California without regard to choice of law principles thereof. The exclusive venue of any legal action brought by the County, the Contractor, or any Consultant or Subcontractor, with regard to this Agreement or Project, shall be in the Superior Court of California, San Bernardino County, San Bernardino District. Contractor agrees to incorporate this provision into all Subcontractor agreements.

15.2 Successors and Assigns

The County and Contractor respectively bind themselves, their partners, successors, assigns, and legal Project Managers to the other Party hereto and to partners, successors, assigns, and legal Project Managers of such other Party in respect to covenants, agreements, and obligations contained in the Contract Documents. The Contractor shall not sublet or assign the Work of this Contract or any portion thereof or any monies due thereunder, without the express prior written consent and approval of County. County may freely assign its rights hereunder, without limitation, to a separate entity and Contractor agrees, upon such entity's request, to continue and complete performance of the Work upon payment of any undisputed outstanding amounts due Contractor for services performed up to and including the effective date of the assignment, provided adequate proof of funding to completion is offered by assignee. Any entity which shall succeed to the rights of County shall be entitled to enforce the rights of County hereunder. If requested by such entity, Contractor will execute a separate letter or other agreement with such entity further evidencing Contractor's commitment to continue performance of the Contract.

15.3 Written Notice

Written notice shall be deemed to have been duly served if delivered in person, or by US Mail, courier service, or package delivery service (such as UPS and FedEx) to the individuals identified for receipt of notice in the Agreement.

15.4 Rights and Remedies

15.4.1 Cumulative Rights. Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

15.4.2 No Waiver. No action or failure to act by the County shall constitute a waiver of any right or duty afforded the County under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically provided in the Contract Documents or as may be otherwise agreed in writing.

15.5 Tests and Inspections

15.5.1 Required Tests, Inspections, and Costs. If the Contract Documents, County instructions, laws, ordinances, or any public authority require any Work to be specially tested or approved, Contractor shall give notice, in accordance with such authority, of its readiness for observation or inspection, at least two (2) working days prior to being tested or covered up. Whenever the Contractor desires to carry on the Work of this Contract at night or on a Saturday, Sunday, or holiday, Contractor shall request authorization in writing from the County for such work at least two (2) working days in advance so that inspection may be provided if authorization is granted and the Contractor agrees to pay overtime reimbursement of costs for this service. If inspection is by authority other than County, Contractor shall inform County of date fixed for such inspection. All required certificates of inspection shall be secured by Contractor. If any Work required to be tested should be covered up without approval or consent of County, Contractor must, if required by County, uncover the Work for examination and satisfactorily reconstruct at Contractor's expense within the Contract Sum in compliance with Contract. All labor and equipment necessary for exposing and testing shall be furnished by the Contractor at his expense. The Contractor shall replace, at Contractor's expense, any materials or Work damaged by exposure and any faulty materials or workmanship evidenced by such exposure or testing. Where such inspection and testing are to be conducted by an independent laboratory or agency, such materials or samples of materials to be tested shall be selected by such laboratory or agency or County's Project Manager, and not by Contractor. Contractor shall notify County a sufficient time in advance of manufacture of materials to be supplied by it under Contract, which must, by terms of contract, be tested, in order that County may arrange for testing of same at source of supply. Prior to having satisfactorily passed such testing and inspection, or prior to receipt of notice from said Project Manager that such testing and inspection will not be required, the materials shall not be incorporated into the Work without prior approval of County and subsequent testing and inspection. Re-examination of questioned work may be ordered by County and, if so ordered, Work must be uncovered by Contractor. All labor and equipment necessary for exposing and testing shall be furnished by the Contractor at his expense. The Contractor shall

replace, at Contractor's expense, any materials or Work damaged by exposure and any faulty materials or workmanship evidenced by such exposure or testing.

15.5.2 Additional Tests and Inspections. If the County or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection, or approval not included under Subparagraph 15.5.1, the County will instruct the Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the County, and the Contractor shall give timely notice to the County of when and where tests and inspections are to be made so that the County may be present for such procedures. Such costs shall be at the County's expense, if applicable. If such procedures for testing, inspection, or approval under Subparagraphs 15.5.1 and 15.5.2 reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure, including those of repeated procedures and compensation for County's testing and inspection services and expenses, shall be at the Contractor's expense, within the Contract Sum. Cost of retesting, reinspection, and reapprovals as described herein, including compensation for the County's testing and inspection services and expenses, shall be paid for by the County and deducted from the Contract Sum by a Change Order or Construction Change Directive.

15.5.3 Documentation. Required certificates of testing, inspection, or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the County. Delivery of such documentation is a condition precedent to County's obligation to make payment to Contractor.

15.5.4 Observation of Tests. If the County is to observe tests, inspections, or approvals required by the Contract Documents, County will do so promptly and, where practicable, at the normal place of testing.

15.5.5 Time. Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

15.5.6 Responsibility. Any inspection or approval by any representative or agent of the County will not relieve the Contractor of the responsibility of incorporating in the Work only those materials which conform to the Specifications, and any nonconforming materials shall be removed from the Site whenever identified. Further, inspection or approval by the County does not relieve the Contractor of its obligation to provide Work which conforms in all aspects with the Contract Documents.

15.6 Record Retention and Audits

15.6.1 The County and any entities and/or agencies designated by the County, shall have access to, and the right to audit, and the right to copy at the County's cost, all of Contractor's books, records, Contracts, correspondence, instructions, Drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work, changes in the Work, any Change Orders or Construction Change Directives or written amendments to the Contract, and any claims.

15.6.2 Contractor agrees that the County and its designated representative shall have the right to review, to audit, and to copy any records and supporting documentation pertaining to the performance of this Agreement. Contractor agrees to allow interviews of any employees who might reasonably have information related to such records. Further, Contractor agrees to include a similar right of the County to audit records and interview staff in any subcontract related to performance of this Agreement.

15.6.3 The Contractor shall establish an official file for the Project (the "Official Project File"). The Official Project File shall contain adequate documentation of all actions that have been taken with respect to the Project, in accordance with generally accepted government accounting principles and the requirements for record retention for capital projects constructed with the proceeds of tax exempt bonds. The Contractor will provide a copy of such file to the County at its request or upon termination of this Agreement. The documents to be retained shall include, but are not limited to, Contractor's books, records, Contracts, correspondence, instructions, Drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work, changes in the Work, any Change Orders or Construction Change Directives or Contract Amendments, and any claims.

15.6.4 Contractor agrees to protect records adequately from fire or other damage. When records are stored away from Contractor's principal office, a written index of the location of records stored must be on hand and ready access must be assured. All the Contractor records contained in the Official Project File must be preserved a minimum of five (5) years (the "Record Maintenance Period"). These records shall be subject at all reasonable times to inspection, examination, monitoring, copying, excerpting, transcribing, and audit by the County or designees, by state government auditors or designees, or by federal government auditors or designees. If any litigation, claim, negotiation, audit, or other action involving the records has been started before the expiration of the Record Maintenance Period, the related records must be retained until the completion of the action and resolution of all issues which arise from it if such date is later than the end of the Record Maintenance Period.

15.6.5 All books, account, reports, files, correspondence, data, and other records relating to this Contract shall be maintained by the Contractor and shall be subject at all reasonable times to review, inspection, and audit by the County or its designated Project Managers for a period of five (5) years after Final Completion of the Work. County shall be entitled, upon forty-eight (48) hours written notice, to inspect all books, records, accounts, and the Official Project File kept by Contractor relating to the Work contemplated by the Agreement. Such records shall be produced by the Contractor at a place designated by the County, upon written notice to the Contractor.

15.6.6 Contractor agrees to maintain adequate fiscal and Project books, records, documents, and other evidence pertinent to the Contractor's Work on the Project in accordance with generally accepted accounting principles. Adequate supporting documentation shall be maintained in such detail so as to permit tracing transactions

from the invoices, to the financial statement, to the accounting records, and to the supporting documentation. These records shall be maintained for the Record Maintenance Period, and shall be subject to examination and/or audit by County or designees, and state government auditors or designees.

15.6.7 Contractor agrees to make the Official Project File, books, records, supporting documentations and other evidence available to the County, or its designated representatives, during the course of the Project and for the Record Maintenance Period. Contractor agrees to provide suitable facilities for access, monitoring, inspection and copying of said records.

15.6.8 Contractor shall maintain books, records, documents, and other evidence sufficient to reflect properly the amount, receipt, and disposition of all Project funds. The maintenance requirements extend to books of original entry, source documents supporting accounting transactions, the general ledger, subsidiary ledgers, personnel and payroll records, canceled checks, and related documents and records. Source documents include copies of all awards, applications, and required financial and narrative reports. Personnel and payroll records shall include the time and attendance reports for all individuals reimbursed under the award, whether they are employed full-time or part-time. Time and effort reports are also required for consultants and subcontractors. Generally accepted government accounting principles and adequate supporting documentation shall be maintained in such detail so as to provide an audit trail which will permit tracing transactions from the invoices to the financial statement, to the accounting records, and to the supporting documentation for the purpose of determining compliance with Public Contract Code Section 10115 et seq., Government Code Section 8546.7 and 2 CCR Section 1896.60 et seq. (as applicable).

15.7 Independent Contractor

Contractor is employed hereunder to render a service within the scope of its training and experience, and Contractor shall be an independent Contractor and not an employee of the County. As such, County shall not be called upon to assume any liability for the direct payment of any salary to any employee or Subcontractor of Contractor, nor to pay any benefit to any employee or Subcontractor or vendor under the Workers' Compensation laws. None of Contractor's officers, agents, employees, and Subcontractors, nor any of their agents, officers, and employees, shall be deemed officers, agents, employees, and Subcontractors of the County, and the County shall not be liable or responsible to them for anything whatsoever other than liability to Contractor set forth in this Contract.

15.8 Keys and Access

If the County furnishes keys and/or access cards to the Contractor to provide access to County's property, the Contractor shall assure that such access instruments are not duplicated and shall return all such instruments in good condition upon request of the County or prior to receipt of final payment, whichever is earlier. If the Contractor fails to return all access instruments furnished to it, the Contractor shall be responsible, within the Contract Sum, for all Work, materials, and costs associated with reestablishing secured access.

15.9 Survival of Terms

The provisions of the Contract which by their nature survive termination of the Contract or Final Completion, including all warranties, indemnities, payment obligations, and the County's right to audit Contractor's books and records, shall remain in full force and effect after Final Completion or termination of the Contract and shall be binding upon Contractor until any action thereunder is barred according to terms in the Contract Documents or by the applicable statute of limitations or statute of repose.

15.10 Cooperation With Labor

15.10.1 General. The Parties agree and declare that Contractor and County are separate and independent entities and that Contractor has full responsibility for performance of the Work and direction of the work force, subject to and under the duty of Contractor to cooperate with County and its Separate Contractors. Contractor recognizes that in the performance of its Work it may be required to work with and near Separate Contractors and Project Managers of County on the jobsite. The Contractor shall only employ or use labor in connection with the Work capable of working harmoniously with all trades, crafts, and any other individuals associated with the Project. The Contractor shall also use best efforts to minimize the likelihood of any strike, work stoppage, slowdowns, disputes, or other labor disturbance. If the Work is to be performed by trade unions, the Contractor shall make all necessary arrangements to reconcile, without delay, damage, or cost to the County and without recourse to the County, any conflict between the Contract Documents and any agreements or regulations of any kind at any time in force among members or councils that regulate or distinguish the activities that shall not be included in the Work of any particular trade. Except as specifically provided in Paragraph 8.4 herein, Contractor shall be liable to County for all damages suffered by County, and no extensions of Contract Time shall be given to Contractor, as a result of work stoppage, slowdowns, or strikes related to labor disputes.

15.10.2 Picketing.

15.10.2.1 Contractor agrees that should there be picketing or a threat of picketing by any labor organization at or near the Site, Contractor, in cooperation with County, shall establish a reserve gate system and require employees of Contractor, Subcontractors, and suppliers to use one or more designated gates. In that event, it shall be the affirmative obligation of Contractor, as a material consideration of this Agreement to ensure that employees of Contractor, Subcontractors, and suppliers use only the gates or other entryways designated by County from time to time on the Project.

15.10.2.2 Notwithstanding the establishment or non-establishment of a reserve gate, in the event employees of Contractor, Subcontractors or suppliers refuse to work because of any labor disputes or grievances (including any "secondary" or "sympathy" strike or boycott directed against the Project) not caused by County or its Separate Contractors and not the result of an industry-wide strike and that actually

prevent performance of the Work, Contractor shall not be relieved of its obligation to supply enough properly skilled workers to perform the Work without interruption or further delay.

15.10.3 Labor Disputes. Contractor and County agree to cooperate fully with each other and their Project Managers and attorneys with respect to any labor dispute that should arise on the Site, including, but not limited to the giving of testimony and evidence to the agent or judge of the National Labor Relations Board or testimony in connection with proceedings in state or federal court. Contractor hereby warrants that it is not now nor will Contractor be delinquent in the payment or reporting to any labor management benefit trust.

15.11 No Personal Liability

Notwithstanding any contrary provision in this Agreement or the Contract Documents, no member, principal, officer, employee, agent, Project Manager, or subsidiary of County (each a "direct affiliate of County"), or member, general partner, limited partner, principal, officer, employee, agent, or Project Manager of any direct affiliate of County (together with direct affiliates of County, the "affiliates of County") shall have any personal liability for the performance of any contractual obligations, or in respect of any liability of County under this Agreement and no monetary or other judgment shall be sought or enforced against any such individuals or their assets, all such personal contractual liability being expressly waived by Contractor. Further, the covenants and obligations contained in this Agreement on the part of County shall be covenants and obligations of the County only, and not of any affiliate of County. No affiliate of County shall be individually liable for breach of any covenant or obligation of County, and no recourse shall be had against the assets of any affiliate of County (except to the extent of County's assets but excluding therefrom any negative capital account of any such affiliate of County) for payment of any sums due or enforcement of any other relief, based upon any claim made by Contractor for breach of any of County's covenants or obligations. Notwithstanding the foregoing, Contractor does not waive any rights under Applicable Law in California concerning the commission of fraud or conversion.

15.12 Antitrust Claims

The Contractor by signing this Agreement hereby certifies that if these services or goods are obtained by means of a competitive bid, the Contractor shall comply with the requirements of the Government Code Sections set out below.

15.12.1 The Government Code Chapter on Antitrust claims contains the following definitions:

- (1) "Public purchase" means a purchase by means of competitive bids of goods, services, or materials by the State or any of its political subdivisions or public agencies on whose behalf the Attorney General may bring an action pursuant to subdivision (c) of Section 16750 of the Business and Professions Code.

- (2) "Public purchasing body" means the State or the subdivision or agency making a public purchase. (Government Code Section 4550.)

15.12.2 In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. (Government Code Section 4552.)

15.12.3 If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. (Government Code Section 4553.)

15.12.4 Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action. (See Government Code Section 4554.)

15.13 Compliance with Restrictions

Contractor shall comply with all conditions, restrictions and reservations of record, statutes, regulations, and ordinances, including, without limitation, all pollution control, environmental protection, zoning, planning, land use requirements, all restrictions and requirements affecting the Project and adjoining properties, and disabled access imposed by the County and all other governmental entities including, without limitation, the requirements of any general plan and environmental requirements in connection with use, occupancy and building permits, and requirements of public utilities which affect construction of the Work in effect at the time of execution of this Agreement.

15.14 Legal Requirements

Contract shall perform the Work in accordance with the requirements of all Applicable Laws, codes, ordinances, and regulations even though such requirements are not specifically mentioned in the Specifications or shown on the Drawings. When the Work required by the Contract Documents is in conflict with any such legal provision, the Contractor shall notify the County in writing and shall not proceed with the Work until the County has so ordered.

15.15 Third Party

No provision contained in the contract Documents shall create or give to third parties any claim or right of action against the County.

END OF GENERAL CONDITIONS

NOT FOR BID

SPECIAL CONDITIONS

- 1.1 Coordination, Scheduling, and Meetings: The Contractor shall coordinate scheduling all construction activities with the Project Manager from the Project Management Department – Project Management, San Bernardino County (County), prior to beginning the activities. The successful bidder shall attend a preconstruction conference at a location and time set by the County.

Construction meetings shall be held at the job site or at a different location as instructed by the County. Details regarding job site meetings will be arranged at the preconstruction conference.

- 1.2 Codes, Ordinances and Regulations: All Work shall conform to the requirements of all Applicable Laws including the California Building Standards Code (as adopted and/or amended by the County), the Americans with Disabilities Act, Uniform Mechanical Code, Uniform Plumbing Code, Uniform Electrical Code, the Standard Plans for Public Works Construction, Construction Safety Orders of the Department of Industrial Relations – Division of Industrial Safety Construction Safety Orders, and all other State and National codes, ordinances, rules and regulations, which apply to the Work.

In any case of conflict between any of these requirements, and the Contract Documents, the requirement that is the most strict shall govern. Nothing in the Contract Documents is to be construed to permit Work not in conformance with these laws, codes and regulations.

- 1.3 Liquidated Damages: Section 8.5.3 of the General Conditions is amended to read the following:

In the event that Contractor fails to achieve Final Completion of the Work within the Contract Time, Contractor agrees to pay County the sum of **\$500 per day** for liquidated damages for each calendar day that Final Completion is delayed.

- 1.4 Safety: The Contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property for the duration of the Work, on a 24-hour per day, 7-day week basis. Prior to the start of construction, Contractor shall provide the Project Manager with a copy of Contractor's Illness and Injury Prevention Program as required by California Code of Regulations, title 8, sections 1509 and 3203, and Section 10 of the General Conditions, specifically relating to this Project.

- 1.5 Project Inspections: All inspections shall be performed during normal business hours. Contractor shall notify the Project and Facilities Management Department – Project Management Inspector and Project Manager 24 hours in advance of all requested inspections.

Contractor may request an inspection via email to the Project and Facilities Management Department – Project Management Inspector and Project Manager at robert.burton@pfm.sbcounty.gov and brandon.barnaby@pfm.sbcounty.gov

Email subject line should read as follows: 1398-Lake Gregory San Moritz Prefabricated Restroom project inspection request.

- 1.6 Change Orders: Contractor is referred to Section 7 of the General Conditions.
- 1.7 Sanitary Facilities: Contractor shall be solely and completely responsible to provide and maintain on-site sanitary facilities.
- 1.8 Contractor's Site Representative: Per Section 3.3.5.1 of the General Conditions, Contractor shall have a Project superintendent on site at all times while Work is being done.
- 1.9 Water & Power: Contractor shall be solely and completely responsible to provide water and power for all Contractor/construction purposes.
- 1.10 Traffic Safety: Contractor shall be solely and completely responsible to provide traffic safety for all Contractor/construction purposes.

September 28, 2023
Project No. S168-188

STK ARCHITECTURE, INC.
42095 Zeno Drive, Suite A15
Temecula, California 92590

Attention: Tony Finaldi, Architect

Subject: Geotechnical Investigation
Proposed San Moritz Prefabricated Restroom
Lake Gregory Regional Park
Crestline Area, San Bernardino County, CA

Dear Mr. Finaldi:

We are pleased to submit this geotechnical report prepared for the above subject project. The report includes geotechnical conclusions and recommendations for project design and construction.

We appreciate the opportunity to work with you on this project. If you have any questions, please contact our office.

Respectfully,
INLAND FOUNDATION ENGINEERING, INC.


Allen D. Evans, P.E., G.E.
Principal

ADE:es
Distribution: Addressee

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INTRODUCTION

This report presents the results of the geotechnical investigation conducted for the proposed San Bernardino Lake Gregory (San Moritz) Prefabricated Restroom project. The site is located west of the intersection of San Moritz Way and Moritz Way in the Lake Gregory Park in the Crestline area of San Bernardino County, California. Our understanding of the project is based on discussions with STK Architecture, Inc. and review of the following documents.

- Appendix D, Request for Project Proposal – n Call Architectural Services, Lake Gregory San Moritz Prefabricated Restroom, Crestline, CA 92325, prepared by the San Bernardino County, Project and Facilities Management Department, release date May 25, 2023
- Site Plan, Lake Gregory San Moritz Prefab Restrooms, prepared by STK Architecture, Inc., dated July 23, 2023

SCOPE OF SERVICE

The purpose of this preliminary geotechnical investigation is to provide geotechnical parameters for design and construction of the proposed project. The scope of the geotechnical services included:

- *Review of the general geologic conditions and specific subsurface conditions of the project site.*
- *Evaluation of the engineering and geologic data collected.*
- *Preparation of this report with geotechnical conclusions and recommendations for design and construction.*

The tasks performed to achieve these objectives included:

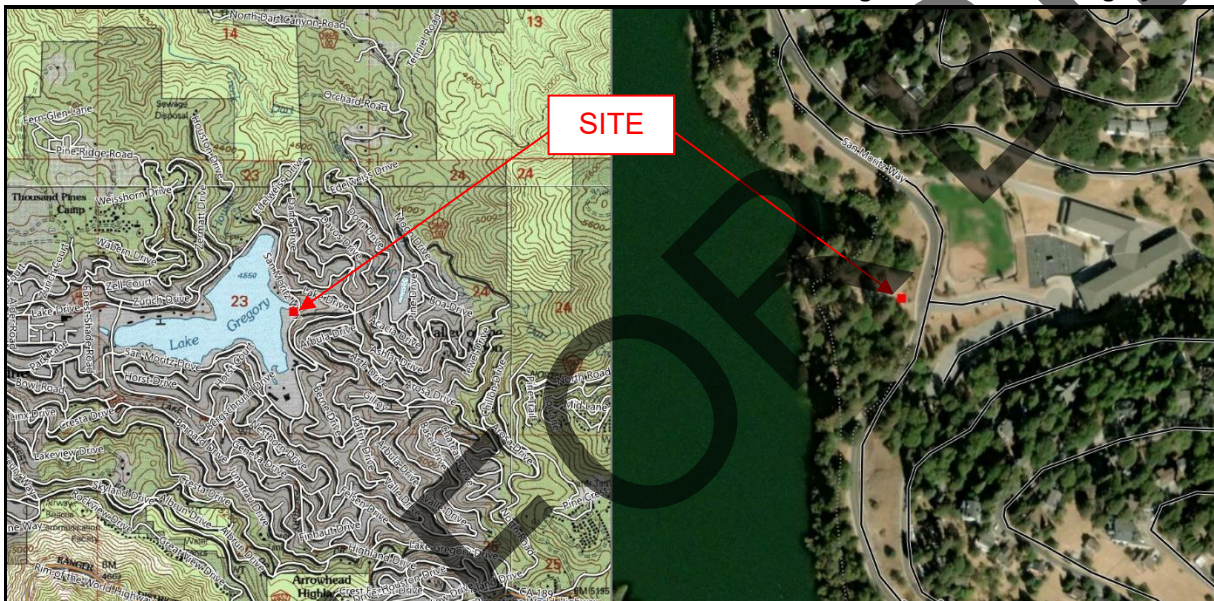
- *Collection and review of existing data relative to the site.*
- *Subsurface exploration to evaluate the nature and stratigraphy of the subsurface soil and to obtain representative samples for laboratory testing.*
- *Laboratory testing of representative samples to evaluate the classification and engineering properties of the soils.*
- *Analysis of the data collected and the preparation of this report with our geotechnical conclusions and recommendations.*

Evaluation of hazardous waste was not within the scope of service provided. Our scope of service did not include any detailed review or evaluation of geologic hazards at the project site including, but not limited to, landsliding and surface fault rupture. The intent of the geotechnical investigation and report is to provide geotechnical parameters and recommendations for foundation design and grading for the prefabricated restroom site.

PROJECT DESCRIPTION

The site is located within the Lake Gregory Regional Park in the Crestline area of San Bernardino County, California. Figure 1 below shows the location of the project site.

F 1 USGS T M S Bernardino North 7.5' Quadrangle and Satellite Imagery



The project will include the installation of a prefabricated restroom with four stalls, including two regular stalls and two ADA stalls. The restroom will have dimensions of approximately 17 ft. by 10 ft. A building pad will be graded to support the prefabricated restroom.

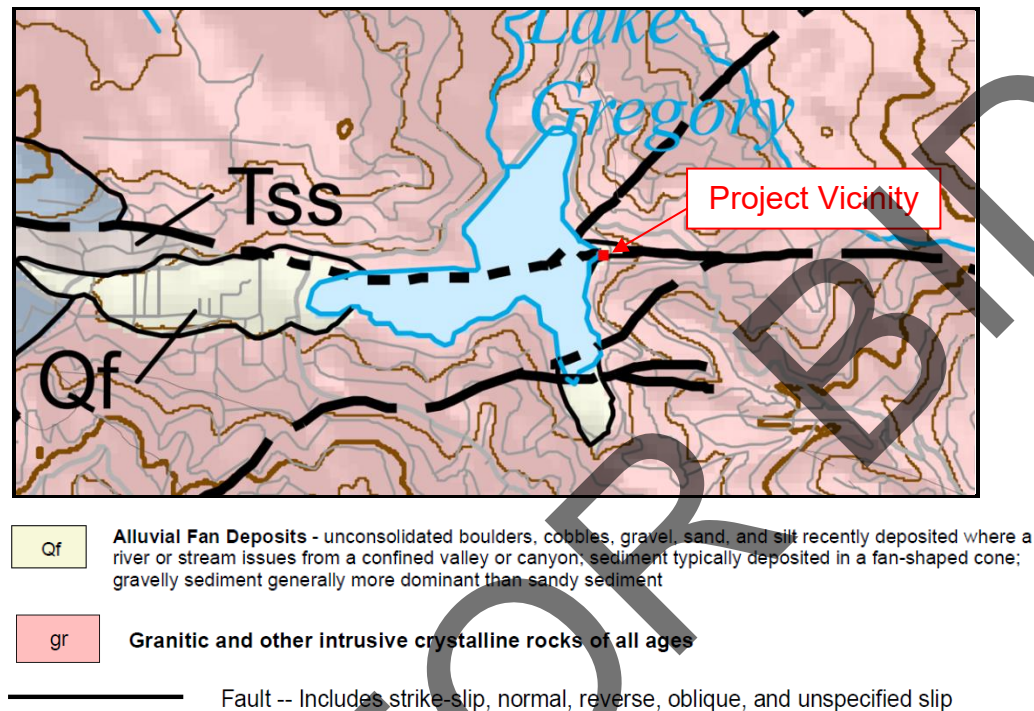
We have assumed the proposed restroom will be supported with conventional shallow spread footings with slab-on-grade floor. Cuts and fills for the proposed restroom will be within 2 feet of existing site grades, exclusive of any remedial grading as recommended in this report.

GEOLOGIC SETTING

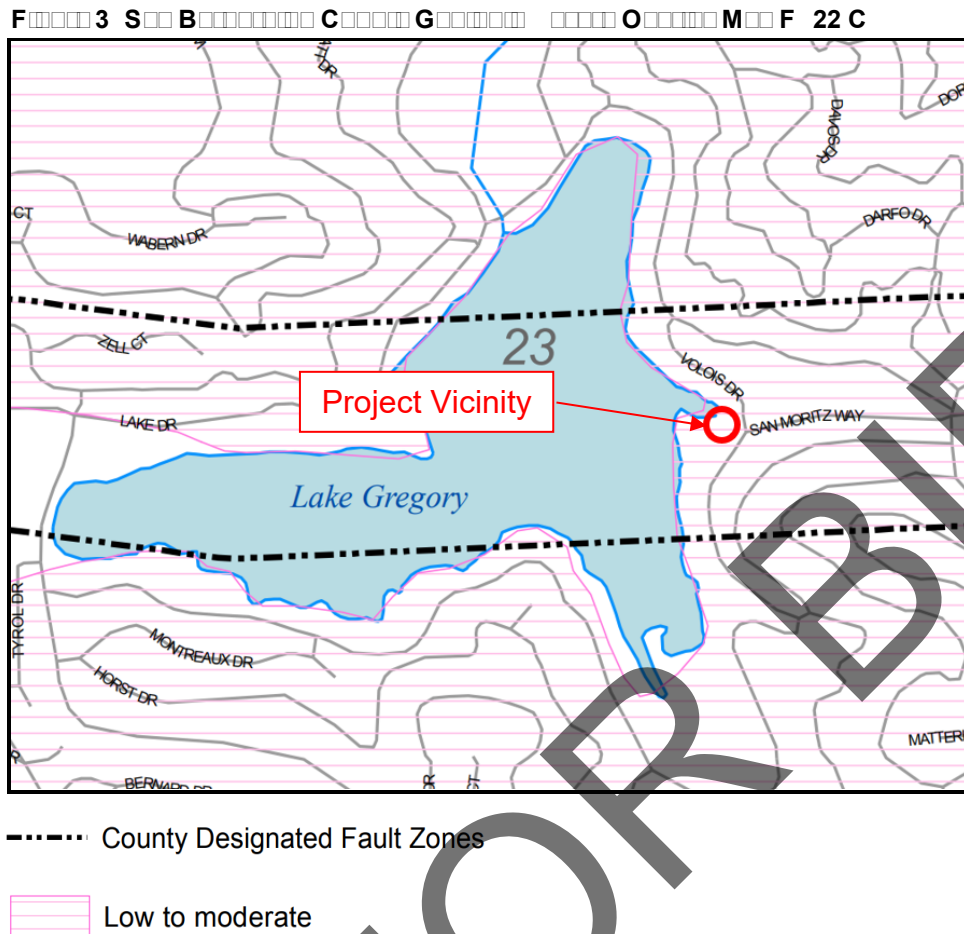
According to the CGS Geologic Compilation of Quaternary Surficial Deposits, San Bernardino 30' x 60' Quadrangle (Bedrossian, et al., 2010), the project site is located in an area of mapped alluvial deposits (map symbol Qf) and granitic bedrock (map symbol

gr). Mapped earthquake faults are shown in the immediate and near vicinity of the project site. Figure 2 below shows the mapped geologic units in the vicinity of the project site.

Figure 2 Geologic Compilation of Quaternary Surficial Deposits, San Bernardino 30' x 60'
 B 2010



According to the San Bernardino County Geologic Hazard Overlay Map FH22 C, the project site lies within a County of San Bernardino mapped earthquake fault zone. The geologic overlay map also indicates that the project site is in a mapped low to moderate landslide susceptibility area. Figure 3 below is a portion of the geologic hazard overlay map showing the approximate location of the project site.



ur scope of service did not include detailed review of geologic hazards at the project site including, but not limited to, landsliding and surface fault rupture.

SUBSURFACE CONDITIONS

Subsurface exploration at the site consisted of two hand-excavated exploratory borings to depths of approximately 5 feet below existing site grades. The site exploration is described in Appendix A. Boring locations are shown on Figure A-5.

The soil encountered in the borings generally consisted of a mantle of alluvial silty sand (SM) over granitic bedrock. Weathered granitic bedrock was encountered within borings B-01 and B-02 at depths of approximately 2.8 feet and 2.9 feet, respectively. The surficial native soils were generally medium dense to dense. The soil was slightly moist to moist to the depth explored.

CONCLUSIONS AND RECOMMENDATIONS

Geotechnical engineering recommendations for project design and construction are presented below.

Footings Footings for the proposed restroom should be supported by compacted fill, prepared as recommended in the General Site Grading section of this report.

Based on classification of the near-surface site soil, the following parameters from 2022 CBC Table 1806.2 can be used for design of the proposed restroom foundation.

- Class of Materials: 4. Silty Sand, Clayey Sand (SP, SM, SC)
- Allowable Vertical Foundation Pressure: 2,000 psf
- Allowable Lateral Bearing Pressure: 150 psf/ft
- Coefficient of friction: 0.25 psf

Retaining Walls Based on soil classification, retaining walls can be designed using the following parameters from 2022 CBC Table 1610.1.

Active pressure: 45 pcf
At-rest pressure: 60 pcf

Seismic Design The site coordinates (WGS 84) are 34.2437°N / -117.2647°W. The U.S. Seismic Design Maps website (USGS, 2023) was used to evaluate the seismic parameters for this project. Table 1 summarizes mapped design criteria from the 2022 California Building Code (CBC).

Table 1: 2022 CBC Seismic Design Parameters

Parameter	Value
S_0 - MCE_R Ground Motion for 0.2-sec Period	2.266g
S_1 - MCE_R Ground Motion for 1-sec Period	0.767g
SD_s - Numeric Seismic Design Value at 0.2-sec period	1.813g
PGA - MCE_g Peak Ground Acceleration	0.921g
F_{PGA} - Site Amplification Factor at PGA	1.2
PGA_M - Site Modified Peak Ground Acceleration	1.105g
SITE CLASS	D (Default)

Concrete Slabs-on-Grade Concrete slabs-on-grade should have a minimum thickness of four inches. During final grading and prior to the placement of concrete, all surfaces to receive concrete slabs-on-grade should be compacted to maintain a minimum compacted fill thickness of 12 inches.

Slabs should be designed and constructed in accordance with the provisions of the American Concrete Institute (ACI). Slabs to receive moisture-sensitive coverings should be provided with a moisture vapor retarder/barrier designed and constructed according to the American Concrete Institute 302.1 R, Concrete Floor and Slab Construction.

C **P** Analytical testing indicates a saturated minimum resistivity value of 24,804 ohm-cm, which indicates a slight potential for corrosion of buried metal. The soil sulfate concentration of 17 parts per million (ppm) indicates the soil can be classified as Class S0 with respect to sulfate exposure in accordance with ACI 318, Table 4.2.1. The chloride concentration tested was 16 ppm and is not at a level high enough to be of concern with respect to corrosion of ferrous metal. The soil is slightly alkaline, with a pH of 7.1.

Inland Foundation Engineering, Inc. does not practice corrosion engineering. A qualified corrosion engineer should be consulted for additional guidance.

G **S** **G** All grading should be performed per the applicable provisions of the 2022 California Building Code and the following recommendations.

1. **C** **G** The proposed restroom area and all surfaces to receive compacted fill should be cleared of existing loose soil, vegetation, tree roots, artificial fill, debris, and other unsuitable materials. All organic matter and any other unsuitable material should be disposed of outside of the project area. Building pad preparation recommendations are detailed below under Item 4, "Preparation of Building Area".
2. **P** **S** **R** **C** **F** All surfaces to receive compacted fill should be reviewed and evaluated by this firm prior to processing to verify the exposed conditions are as expected. If undocumented fill, loose soil, roots or other deleterious materials are present, additional over-excavation may be necessary until satisfactory conditions are encountered. Upon approval, surfaces to receive fill should be scarified, brought to near optimum moisture content, and compacted to a minimum of 90 percent relative compaction.
3. **P** **C** **F** Fill materials consisting of on-site or approved imported soil should be spread in shallow lifts and compacted at near optimum moisture content to a minimum of 90 percent relative compaction.
4. **P** **B** **A** The building area for the proposed restroom should be over-excavated to a depth of 12 inches below the restroom footing bottoms. The excavation should extend laterally for at least five (5) feet outside

of exterior building foundation lines. Following excavation, the exposed soil should be evaluated by this firm, and the removed soil replaced as compacted fill, as recommended above.

5. **Utility Trench Backfill** Utility trench backfill consisting of the on-site soil types should be placed by mechanical compaction, in lifts, to a minimum of 90 percent relative compaction. Compaction by jetting is not recommended.
6. **Grading and Backfilling** During grading and backfilling, tests and observations should be performed by a representative of IFE to verify that the grading is performed in accordance with the recommendations in this report and other project requirements. Density testing should be performed per the current ASTM D1556 or ASTM D6938 test methods. The minimum acceptable degree of compaction should be 90 percent of the maximum dry density obtained by the ASTM D1557 test method.

LIMITATIONS

The findings and recommendations of this report are based on interpolation of soil conditions between soil borings. Conditions may be present between boring locations that are different than those indicated in this report.

The information in this report represents professional opinions that have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No warranty, express or implied, is made.

This report was prepared for STK Architecture, Inc. for their use in the design of the proposed prefabricated restroom building. This report may only be used by STK Architecture, Inc. for this purpose. The use of this report by parties or for other purposes is not authorized without written permission by Inland Foundation Engineering, Inc. Inland Foundation Engineering, Inc. will not be liable for any projects connected with the unauthorized use of this report.

The recommendations of this report are considered to be preliminary. The final design parameters may only be determined or confirmed at the completion of site grading on the basis of observations made during the site grading operation. To this extent, this report is not considered to be complete until the completion of both the design process and the site preparation.

REFERENCES

ASCE/SEI, 2017, ASCE Standard 7-16, Minimum Design Loads and Associated Criteria for Buildings and Other Structures.

California Building Standards Commission, 2022, California Building Code (CBC), California Code of Regulations, Title 24, Part 2, Volume 2.

California Geological Survey (CGS), 2023, Earthquake Hazard Application.

California Geological Survey (CGS), Geologic Compilation of Quaternary Surficial Deposits, San Bernardino 30' x 60' Quadrangle (Bedrossian, et al., 2010)

California Geological Survey (CGS), 2015, Fault Activity Map of California.

California Geological Survey (CGS), 2008, Guidelines for Evaluating and Mitigating Seismic Hazards in California, CGS Special Publication 117A.

Jennings, C.W., 1994, Fault Activity Map of California and Adjacent Areas, C.D.M.G. Geologic Data Map No. 6, 1:750,000 scale.

Peterson, et al., 2008, Documentation for the 2008 Update of the United States National Seismic Hazard Maps, USGS Open File Report 2008-1128.

SHPD, 2023, U.S. Seismic Design Maps, <https://seismicmaps.org/>

San Bernardino County General Plan Geologic Overlay Map FH22C.

San Bernardino County Special Districts, 2023, Project Background, Lake Gregory Dam, <https://speicaldistricts.subcounty.gov/project-management/projects/lake-gregory/project-background/>

United States Geologic Survey, San Bernardino North 7.5' Quadrangle

NOT FOR BID

APPENDIX A

SITE EXPLORATION

Two exploratory borings were hand-excavated at the approximate locations shown on Figure A-5. The materials encountered during drilling were logged by a staff geologist. Boring logs are included with this report as Figures A-3 and A-4.

Representative soil samples were obtained within the borings by driving a thin-walled steel penetration sampler. Representative bulk soil samples were also obtained from the auger cuttings. Samples were placed in moisture sealed containers and transported to our laboratory for further testing and evaluation. Laboratory tests results are discussed and included in Appendix B.

NOT FOR BIDD

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D2487)

PRIMARY DIVISIONS			GROUP SYMBOLS		SECONDARY DIVISIONS	
COARSE GRAINED SOILS MORE THAN HALF OF MATERIALS IS LARGER THAN #200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN #4 SIEVE	CLEAN GRAVELS (LESS THAN) 5% FINES	GW		WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES	
			GP		POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES	
		GRAVEL WITH FINES	GM		SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES	
			GC		CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES	
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN #4 SIEVE	CLEAN SANDS (LESS THAN) 5% FINES	SW		WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES	
			SP		POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES	
		SANDS WITH FINES	SM		SILTY SANDS, SAND-SILT MIXTURES	
			SC		CLAYEY SANDS, SAND-CLAY MIXTURES	
FINE GRAINED SOILS MORE THAN HALF OF MATERIALS IS SMALLER THAN #200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50		ML		INORGANIC SILTS, VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS	
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
			OL		ORGANIC SILTS AND ORGANIC SILT-CLAYS OF LOW PLASTICITY	
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50		MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTS, ELASTIC SILTS	
			CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
			OH		ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS	
	HIGHLY ORGANIC SOILS		PT		PEAT, MUCK AND OTHER HIGHLY ORGANIC SOILS	
TYPICAL FORMATIONAL MATERIALS	SANDSTONES		SS			
	SILTSTONES		SH			
	CLAYSTONES		CS			
	LIMESTONES		LS			
	SHALE		SL			

CONSISTENCY CRITERIA BASES ON FIELD TESTS

RELATIVE DENSITY – COARSE – GRAIN SOIL			CONSISTENCY – FINE-GRAIN SOIL		TORVANE	POCKET ** PENETROMETER	* NUMBER OF BLOWS OF 140 POUND HAMMER FALLING 30 INCHES TO DRIVE A 2 INCH O.D. (1 3/8 INCH I.D.) SPLIT BARREL SAMPLER (ASTM -1586 STANDARD PENETRATION TEST)
RELATIVE DENSITY	SPT * (# BLOWS/FT)	RELATIVE DENSITY (%)	CONSISTENCY	SPT* (# BLOWS/FT)	UNDRAINED SHEAR STRENGTH (tsf)	UNCONFINED COMPRESSIVE STRENGTH (tsf)	
VERY LOOSE	<4	0-15	Very Soft	<2	<0.13	<0.25	
LOOSE	4-10	15-35	Soft	2-4	0.13-0.25	0.25-0.5	
MEDIUM DENSE	10-30	35-65	Medium Stiff	4-8	0.25-0.5	0.5-1.0	
DENSE	30-50	65-85	Stiff	8-15	0.5-1.0	1.0-2.0	
VERY DENSE	>50	85-100	Very Stiff	15-30	1.0-2.0	2.0-4.0	** UNCONFINED COMPRESSIVE STRENGTH IN TONS/SQ.FT. READ FROM POCKET PENETROMETER
			Hard	>30	>2.0	>4.0	

MOISTURE CONTENT

DESCRIPTION	FIELD TEST
DRY	Absence of moisture, dusty, dry to the touch
MOIST	Damp but no visible water
WET	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbled or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

EXPLANATION OF LOGS

LOG OF BORING B-01

DRILLING RIG	<u>Hand</u>	DATE DRILLED	<u>8/25/23</u>	HAMMER TYPE	<u>Slide</u>
DRILLING METHOD	<u>Hand Auger</u>	HAMMER WEIGHT	<u>35-lb.</u>	HAMMER DROP	<u>30-inches</u>
LOGGED BY	<u>FWC</u>	BORING DIAMETER	<u>4-inches</u>		
GROUND ELEVATION	<u>+/-</u>				

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered and is representative of interpretations made during drilling. Contrasting data derived from laboratory analysis may not be reflected in these representations.	BULK SAMPLE	DRIVE SAMPLE	SAMPLE TYPE	BLOW COUNTS /6"	MOISTURE (%)	DRY UNIT WT. (pcf)
			SILTY SAND , with trace gravel, fine to coarse, olive-brown (2.5Y 4/4), slightly moist, dense.			AU			
	SM		- upper 1.5 feet moderately cemented -			SS	60/2"	4	
						SS	45 60/5"	3	111
			GRANITE , highly weathered, yellowish-brown (10YR 5/4).			AU			
	SM					SS	11 16	16	82
5			End of boring at 5 feet. No groundwater encountered. Backfilled with native soils.						



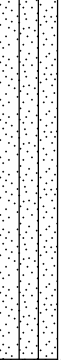
CLIENT	<u>STK</u>
PROJECT NAME	<u>Lake Gregory San Moritz Prefab Restroom</u>
PROJECT LOCATION	<u>Lake Gregory Regional Park</u>
	<u>Crestline area, San Bernardino County, CA</u>
PROJECT NUMBER	<u>S168-188</u>

FIGURE NO.

A-3

LOG OF BORING B-02

DRILLING RIG	<u>Hand</u>	DATE DRILLED	<u>8/25/23</u>	HAMMER TYPE	<u>Slide</u>
DRILLING METHOD	<u>Hand Auger</u>			HAMMER WEIGHT	<u>35-lb.</u>
LOGGED BY	<u>FWC</u>			HAMMER DROP	<u>30-inches</u>
GROUND ELEVATION	<u>+/-</u>			BORING DIAMETER	<u>4-inches</u>

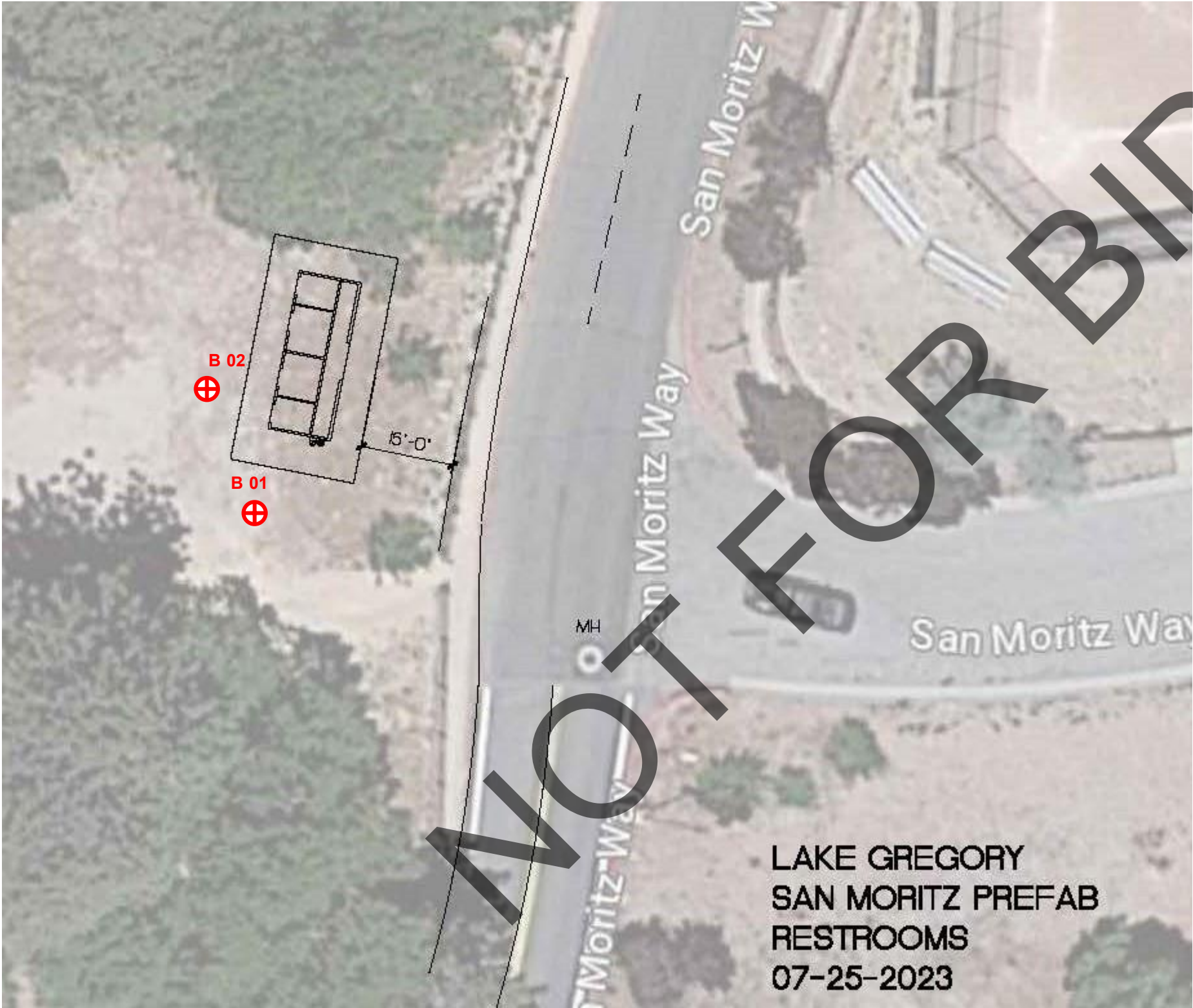
DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	SUMMARY OF SUBSURFACE CONDITIONS This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered and is representative of interpretations made during drilling. Contrasting data derived from laboratory analysis may not be reflected in these representations.	BULK SAMPLE	DRIVE SAMPLE	SAMPLE TYPE	BLOW COUNTS /6"	MOISTURE (%)	DRY UNIT WT. (pcf)
	SM		<u>SILTY SAND</u> , with trace gravel, fine to coarse, olive-brown (2.5Y 4/4), slightly moist, medium dense, moderately cemented.			SS	41 42	9	103
	SM		<u>GRANITE</u> , highly weathered, yellowish-brown (10YR 5/4).			SS	60/3"	7	
5			End of boring at 5 feet. Auger refusal. No groundwater encountered. Backfilled with native soils.						



CLIENT	<u>STK</u>
PROJECT NAME	<u>Lake Gregory San Moritz Prefab Restroom</u>
PROJECT LOCATION	<u>Lake Gregory Regional Park</u>
	<u>Crestline area, San Bernardino County, CA</u>
PROJECT NUMBER	<u>S168-188</u>

FIGURE NO.

A-4



Base Map: Site Plan, Prepared by STK Architecture, Inc.

SITE PLAN
Lake Gregory (San Moritz)
Prefabricated Restroom Building
Lake Gregory Regional Park
Crestline Area, San Bernardino County, CA

LEGEND
⊕ Approximate Location of Exploratory Boring

IFE Inland Foundation Engineering, Inc. 1310 S. Santa Fe Avenue, San Jacinto, CA 92583 (951) 654-1555		
Figure No. A-5	STK Architecture, Inc.	
	Lake Gregory Regional Park, Crestline Area	
	San Bernardino County, CA	
	Drawn By: ES	Project No. F205-003
	1"=20'	Date: August 2023

NOT FOR BID

APPENDIX B

LABORATORY TESTING

Representative soil samples obtained from our borings were delivered to our laboratory and to AP Engineering and Testing in Pomona, California for testing. Descriptions of the tests performed are provided below. Results of the testing are appended.

Unit Weight, Moisture Content, and Compaction Ring samples were weighed and measured to evaluate their unit weight. A small portion of each sample was then tested for moisture content. The testing was performed per ASTM D2937 and D2216. The results of this testing are shown on the boring logs (Figures A-3 and A-4).

Maximum Dry Density and Optimum Moisture Content One soil sample was selected for maximum density testing in accordance with ASTM D1557. The maximum density is compared to the field density of the soil to evaluate the existing relative compaction of the soil. The results of the testing are shown on Figure B-2.

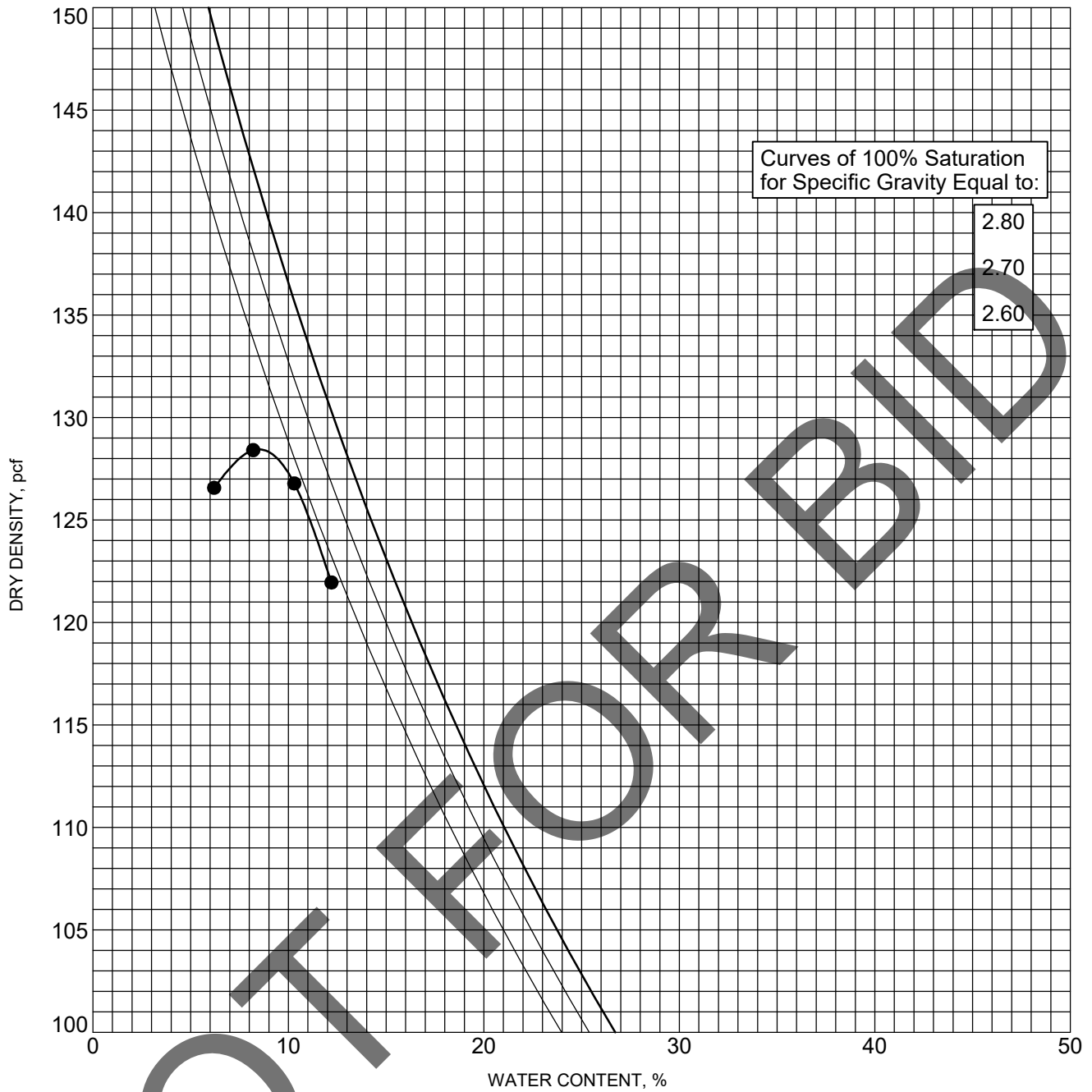
Sieve Analysis Two soil samples were selected for sieve analysis testing in accordance with ASTM D6913. These tests provide information for classifying the soil in accordance with the Unified Classification System. This classification system categorizes the soil into groups having similar engineering characteristics. The results of the testing are shown on Figure B-3.

Plasticity Index One sample was selected for plastic index testing in accordance with ASTM D4318. These tests provide information regarding soil plasticity and are also used for developing classifications for the soil in accordance with the Unified Classification System. The results of the testing are shown on Figure B-3.

Atterberg Limits One sample was delivered to AP Engineering and Testing in Pomona, California to evaluate the concentration of soluble sulfates, chlorides, pH level, and resistivity of and within the on-site soils. The results of the testing are shown on Figure B-4.

Expansion Index One sample was selected for expansion index testing in accordance with ASTM D4829. This test provides information regarding the expansive characteristics of soil under standardized test conditions. The following table presents the results of this testing.

Soil Sample Location	Soil Sample Depth	Initial Density (pcf)	Initial Moisture Content (%)	Expansion Index (%)	Expansion Index Classification
B-01	0.0-2.8	115.9	8.5	0	Non Expansive



BOREHOLE	DEPTH	Description of Materials	Max DD	Optimum WC
● B-01	0.0	SILTY SAND(SM)	128.4 PCF	8.5 %

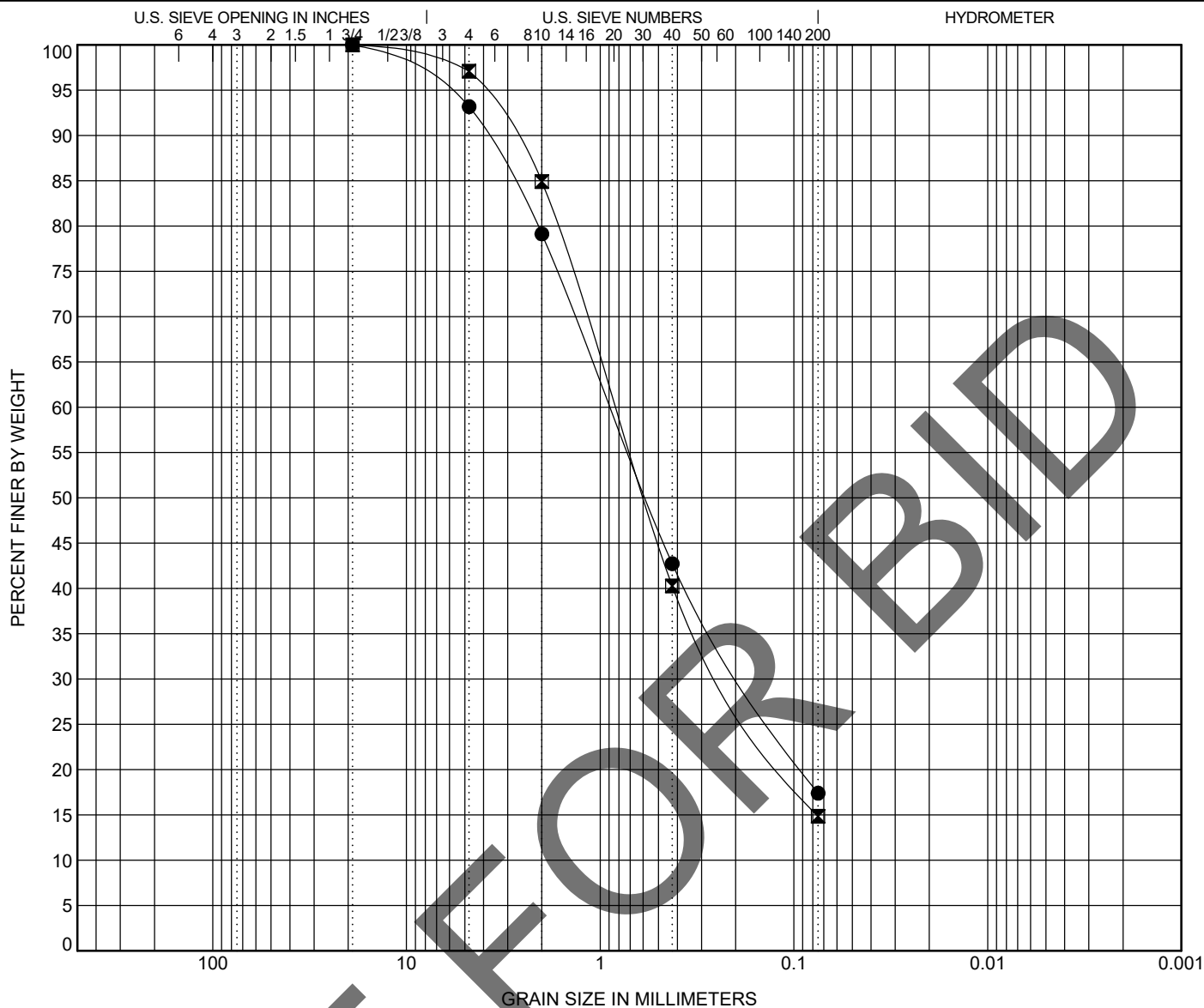
MOISTURE-DENSITY CURVES (ASTM D1557)

INLAND FOUNDATION ENGINEERING, INC.

FIGURE NO. B-2

CLIENT	<u>STK</u>	PROJECT NAME	<u>Lake Gregory San Moritz Prefab Restroom</u>
PROJECT NUMBER	<u>S168-188</u>	PROJECT LOCATION	<u>Lake Gregory Regional Park</u>
			<u>Crestline area, San Bernardino County, CA</u>

IFE SIEVE ANALYSIS - GINT STD US LAB.GDT - 9/28/23 16:21 - P:\S168\S168-188 LAKE GREGORY-SAN MORITZ\GINT.GPJ



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

SAMPLE	DEPTH	Classification					LL	PL	PI	Cc	Cu
● B-01	0.0	SILTY SAND (SM)					NP	NP	NP		
✱ B-01	2.8	SILTY SAND (SM)									
BOREHOLE	DEPTH	D100	D90	D50	D10	%Gravel	%Sand	%Silt		%Clay	
● B-01	0.0	19	3.905	0.579		6.8	75.8	17.4			
✱ B-01	2.8	19	2.872	0.596		2.9	82.2	14.8			

GRADATION CURVES (ASTM D6913, ASTM D4318)

INLAND FOUNDATION ENGINEERING, INC.

FIGURE NO. B-3

CLIENT STK PROJECT NAME Lake Gregory San Moritz Prefab Restroom
PROJECT NUMBER S168-188 PROJECT LOCATION Lake Gregory Regional Park
Crestline area, San Bernardino County, CA

**AP Engineering and Testing, Inc.**

DBE | MBE | SBE

2607 Pomona Boulevard | Pomona, CA 91768

t. 909.869.6316 | f. 909.869.6318 | www.aplaboratory.com**CORROSION TEST RESULTS**Client Name: Inland Foundation EngineeringAP Job No.: 23-0930Project Name: STK - San Moritz Prefab RestroomDate: 09/18/23Project No.: S168-188

Boring No.	Sample No.	Depth (feet)	Soil Description	Minimum Resistivity (ohm-cm)	pH	Sulfate Content (ppm)	Chloride Content (ppm)
B-01	-	0-2.8	Sand w/silt	24,804	7.1	17	16

NOTES:

Resistivity Test and pH: California Test Method 643

Sulfate Content : California Test Method 417

Chloride Content : California Test Method 422

ND = Not Detectable

NA = Not Sufficient Sample

NR = Not Requested

**SAN BERNARDINO COUNTY
LAKE GREGORY REGIONAL PARK
SAN MORTIZ PREFAB RESTROOM
24746 Lake Drive
Crestline, CA 92325**

PROJECT # 10.10.1398

STK ARCHITECTURE, INC.
ARCHITECTURE/PLANNING
PO Box 910
42095 ZEVO DRIVE, STE A-15
TEMECULA, CA 92590
951.296.9110

ELECTRICAL ENGINEER
DESIGN WEST ENGINEERING
1845 BUSINESS CENTER DR., STE. 215
SAN BERNARDINO, CA 92408
909.890.3700

CIVIL ENGINEER
ERSC INC.
Matt Brudin
1861 W. Redlands Blvd.
Redlands, CA 92373
Phone: (909) 890-1255

DIVISION	SECTION	TITLE
00	PROCUREMENT and CONTRACTING REQUIREMENTS	
	00 3100	Available Project Information
01	GENERAL REQUIREMENTS	
	01 1000	Summary
	01 2500	Substitution Procedures
	01 3000	Administrative Requirements
	01 3114	Facility Services Coordination
	01 4000	Quality Requirements
	01 4200	References and Definitions
	01 5713	Temporary Erosion and Sediment Control
	01 6000	Product Requirements
	01 7000	Execution and Closeout Requirements
	01 7419	Construction Waste Management and Disposal
	01 7800	Closeout Submittals
07	THERMAL AND MOISTURE PROTECTION	
	07 9200	Joint Sealants
26	ELECTRICAL	
	26 0010	Basic Electrical Requirements
	26 0519	Low-Voltage Electrical Power Conductors and Cables
	26 0526	Grounding and Bonding for Electrical Systems
	26 0529	Hangers and Supports for Electrical Systems
	26 0533.13	Conduit for Electrical Systems
	26 0533.16	Boxes for Electrical Systems
31	EARTHWORK	
	31 1000	Site Clearing
	31 2200	Grading
	31 2316	Excavation
	31 2323	Fill
32	EXTERIOR IMPROVEMENTS	
	32 1623	Concrete Sidewalk

SECTION 00 3100
A AVAILABLE PROJECT INFORMATION

PART 1 GENERAL

1.01 EXISTING CONDITIONS

- A. Certain information relating to existing surface and subsurface conditions and structures is available to bidders but will not be part of Contract Documents, as follows:
- B. Geotechnical Report: Entitled Geotechnical Investigation, Proposed San Moritz Prefabricated Restroom Lake Gregory Regional Park, dated September 28, 2023. Prepared by Inland Foundation Engineering, Inc. Project No. S168-188.
 - 1. Original copy is available for inspection at owner's offices during normal business hours.
 - 2. This report identifies properties of below grade conditions and offers recommendations for the design of foundations, prepared primarily for the use of Architect.
 - 3. The recommendations described shall not be construed as a requirement of this Contract, unless specifically referenced in Contract Documents.
 - 4. This report, by its nature, cannot reveal all conditions that exist on the site. Should subsurface conditions be found to vary substantially from this report, changes in the design and construction of foundations will be made, with resulting credits or expenditures to the Contract Price accruing to owner.

PART 2 PRODUCTS NOT USED

PART 3 EXECUTION NOT USED

END OF SECTION

**SECTION 01 1000
SUMMARY****PART 1 GENERAL****1.01 PROJECT**

- A. Project Name: Lake Gregory Regional Park -San Moritz Prefab Restroom
- B. Owner's Name: San Bernardino County Regional Parks
- C. Architect's Name: STK Architecture, Inc.
- D. The Project consists of the construction of Prefabricated Restroom Building.

1.02 CONTRACT DESCRIPTION

- A. The work of each separate prime contract is identified in this section and on Drawings.

1.03 WORK BY OWNER

- A. Owner will purchase and supply the Prefabricated Restroom Building.
 - 1. Contractor to prepare the site, building pad, and provide all the utility connections as required by the Prefab Restroom Company.

1.04 OWNER OCCUPANCY

- A. Owner intends to occupy the Project upon Substantial Completion.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Locate and conduct construction activities in ways that will limit disturbance to site.
- B. Arrange use of site and premises to allow:
 - 1. Owner occupancy.
 - 2. Use of site and premises by the public.
- C. Provide access to and from site as required by law and by Owner:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.

PART 2 PRODUCTS NOT USED**PART 3 EXECUTION NOT USED****END OF SECTION**

SECTION 01 2500 SUBSTITUTION PROCEDURES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Procedural requirements for proposed substitutions.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Submittal procedures, coordination.
- B. Section 01 6000 - Product Requirements: Fundamental product requirements, product options, delivery, storage, and handling.

1.03 DEFINITIONS

- A. Substitutions: Changes from Contract Documents requirements proposed by Contractor to materials, products, assemblies, and equipment.
 - 1. Substitutions for Convenience: Proposed due to possibility of offering substantial advantage to the Project.
 - a. Substitution requests offering advantages solely to the Contractor will not be considered.

1.04 REFERENCE STANDARDS

- A. CSI/CSC Form 13.1A - Substitution Request (After the Bidding/Negotiating Phase) Current Edition.

PART 2 PRODUCTS NOT USED

PART 3 EXECUTION

3.01 GENERAL REQUIREMENTS

- A. A Substitution Request for products, assemblies, materials, and equipment constitutes a representation that the submitter:
 - 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product, equipment, assembly, or system.
 - 2. Agrees to provide the same warranty for the substitution as for the specified product.
 - 3. Agrees to coordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to owner.
 - 4. Waives claims for additional costs or time extension that may subsequently become apparent.
- B. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents. Burden of proof is on proposer.
- C. Content: Include information necessary for tracking the status of each Substitution Request, and information necessary to provide an actionable response.
- D. Limit each request to a single proposed substitution item.

3.02 SUBSTITUTION PROCEDURES DURING CONSTRUCTION

- A. Submit request for Substitution for Cause immediately upon discovery of need for substitution, but not later than 30 days prior to time required for review and approval by Architect, in order to stay on approved project schedule.
- B. Substitutions will not be considered under one or more of the following circumstances:
 - 1. When they are indicated or implied on shop drawing or product data submittals, without having received prior approval.
 - 2. When acceptance will require revisions to Contract Documents.

3.03 RESOLUTION

- A. Architect may request additional information and documentation prior to rendering a decision. Provide this data in an expeditious manner.
- B. Architect will notify Contractor in writing of decision to accept or reject request.

1. Architect's decision following review of proposed substitution will be noted on the submitted form.

3.04 ACCEPTANCE

- A. Accepted substitutions change the work of the Project. They will be documented and incorporated into work of the project by Change Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments provided for in the Conditions of the Contract.

END OF SECTION

NOT FOR BID

**SECTION 01 3000
ADMINISTRATIVE REQUIREMENTS**

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. General administrative requirements.
- B. Preconstruction meeting.
- C. Progress meetings.
- D. Submittals for review, information, and project closeout.
- E. Submittal procedures.

1.02 RELATED REQUIREMENTS

- A. Section 01 6000 - Product Requirements: General product requirements.
- B. Section 01 7000 - Execution and Closeout Requirements: Additional coordination requirements.

1.03 REFERENCE STANDARDS

- A. AIA G716 - Request for Information 2004.
- B. AIA G810 - Transmittal Letter 2001.

1.04 GENERAL ADMINISTRATIVE REQUIREMENTS

- A. Comply with requirements of Section 01 7000 - Execution and Closeout Requirements for coordination of execution of administrative tasks with timing of construction activities.
- B. Make the following types of submittals to Architect:
 - 1. Requests for Interpretation (RFI).
 - 2. Requests for substitution.
 - 3. Shop drawings, product data, and samples.
 - 4. Test and inspection reports.
 - 5. Design data.
 - 6. Manufacturer's instructions and field reports.
 - 7. Applications for payment and change order requests.
 - 8. Progress schedules.
 - 9. Coordination drawings.
 - 10. Correction Punch List and Final Correction Punch List for Substantial Completion.
 - 11. Closeout submittals.

PART 2 PRODUCTS NOT USED**PART 3 EXECUTION****3.01 PRECONSTRUCTION MEETING**

- A. Attendance Required:
 - 1. Owner.
 - 2. Architect.
 - 3. Contractor.
- B. Agenda:
 - 1. Execution of Owner-Contractor Agreement.
 - 2. Submission of executed bonds and insurance certificates.
 - 3. Distribution of Contract Documents.
 - 4. Submission of list of subcontractors, list of products, schedule of values, and progress schedule.
 - 5. Designation of personnel representing the parties to Contract, and Architect.
 - 6. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 - 7. Scheduling.

- C. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, owner, participants, and those affected by decisions made.

3.02 PROGRESS MEETINGS

- A. Attendance Required:
 - 1. Contractor.
 - 2. owner.
 - 3. Architect.
 - 4. Contractor's superintendent.
 - 5. Major subcontractors.
- B. Agenda:
 - 1. Review minutes of previous meetings.
 - 2. Review of work progress.
 - 3. Field observations, problems, and decisions.
 - 4. Identification of problems that impede, or will impede, planned progress.
 - 5. Review of submittals schedule and status of submittals.
 - 6. Maintenance of progress schedule.
 - 7. Corrective measures to regain projected schedules.
 - 8. Planned progress during succeeding work period.
 - 9. Maintenance of quality and work standards.
 - 10. Effect of proposed changes on progress schedule and coordination.
 - 11. Other business relating to work.
- C. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, owner, participants, and those affected by decisions made.

3.03 SUBMITTALS FOR REVIEW

- A. When the following are specified in individual sections, submit them for review:
 - 1. Product data.
 - 2. Shop drawings.
 - 3. Samples for selection.
 - 4. Samples for verification.
- B. Submit to Architect for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.
- C. Samples will be reviewed for aesthetic, color, or finish selection.
- D. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below and for record documents purposes described in Section 01 7800 - Closeout Submittals.

3.04 SUBMITTALS FOR INFORMATION

- A. When the following are specified in individual sections, submit them for information:
 - 1. Design data.
 - 2. Certificates.
 - 3. Test reports.
 - 4. Inspection reports.
 - 5. Manufacturer's instructions.
 - 6. Manufacturer's field reports.
 - 7. Other types indicated.
- B. Submit for Architect's knowledge as contract administrator or for owner.

3.05 SUBMITTALS FOR PROJECT CLOSEOUT

- A. Submit Correction Punch List for Substantial Completion.
- B. Submit Final Correction Punch List for Substantial Completion.

- C. When the following are specified in individual sections, submit them at project closeout in compliance with requirements of Section 01 7800 - Closeout Submittals:
 - 1. Project record documents.
 - 2. Operation and maintenance data.
 - 3. Warranties.
 - 4. Bonds.
 - 5. Other types as indicated.
- D. Submit for owner's benefit during and after project completion.

3.06 SUBMITTAL PROCEDURES

- A. General Requirements:

END OF SECTION

NOT FOR BID

SECTION 01 3114
FACILITY SERVICES COORDINATION

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Services of a coordinator for facility services construction.
- B. Coordination documents.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Additional requirements for coordination.
- B. Section 01 6000 - Product Requirements: Spare parts and maintenance materials.
- C. Section 01 7000 - Execution and Closeout Requirements: Starting of Systems. Systems Demonstration.

1.03 MECHANICAL AND ELECTRICAL COORDINATOR**PART 2 PRODUCTS NOT USED****PART 3 EXECUTION****3.01 COORDINATION REQUIRED**

- A. Coordinate progress schedules, including dates for submittals and for delivery of products.

3.02 OBSERVATION OF WORK

- A. Observe work for compliance with Contract Documents.
- B. Maintain a list of observed deficiencies and defects; promptly submit.

3.03 EQUIPMENT START UP

- A. Verify utilities, connections, and controls are complete and equipment is in operable condition as required by Section 01 7000.
- B. Observe start-up and adjustments, test run, record time and date of start-up, and results.
- C. Observe equipment demonstrations made to owner; record times and additional information required for operation and maintenance manuals.

END OF SECTION

**SECTION 01 4000
QUALITY REQUIREMENTS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Submittals.
- B. Testing and inspection agencies and services.
- C. Control of installation.
- D. Defect Assessment.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Submittal procedures.
- B. Section 01 4216 - Definitions.
- C. Section 01 4219 - Reference Standards.
- D. Section 01 6000 - Product Requirements: Requirements for material and product quality.

1.03 REFERENCE STANDARDS**1.04 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Designer's Qualification Statement: Submit for Architect's knowledge as contract administrator, or for owner's information.
 - 1. Include information for each individual professional responsible for producing, or supervising production of, design-related professional services provided by Contractor.
 - a. Full name.
 - b. Professional licensure information.
 - c. Statement addressing extent and depth of experience specifically relevant to design of items assigned to Contractor.

1.05 TESTING AND INSPECTION AGENCIES AND SERVICES**PART 2 PRODUCTS NOT USED****PART 3 EXECUTION****3.01 CONTROL OF INSTALLATION**

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce work of specified quality.
- B. Comply with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with Contract Documents, request clarification from Architect before proceeding.
- D. Comply with specified standards as minimum quality for the work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Have work performed by persons qualified to produce required and specified quality.
- F. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.
- G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

3.02 TESTING AND INSPECTION

- A. Testing Agency Duties:
 - 1. Provide qualified personnel at site. Cooperate with Architect and Contractor in performance of services.

2. Perform specified sampling and testing of products in accordance with specified standards.
 3. Ascertain compliance of materials and mixes with requirements of Contract Documents.
 4. Promptly notify Architect and Contractor of observed irregularities or non-compliance of Work or products.
 5. Perform additional tests and inspections required by Architect.
 6. Submit reports of all tests/inspections specified.
- B. Limits on Testing/Inspection Agency Authority:
1. Agency may not release, revoke, alter, or enlarge on requirements of Contract Documents.
 2. Agency may not approve or accept any portion of the Work.
 3. Agency may not assume any duties of Contractor.
 4. Agency has no authority to stop the Work.
- C. Contractor Responsibilities:
1. Deliver to agency at designated location, adequate samples of materials proposed to be used that require testing, along with proposed mix designs.
 2. Cooperate with laboratory personnel, and provide access to the Work and to manufacturers' facilities.
 3. Provide incidental labor and facilities:
 - a. To provide access to Work to be tested/inspected.
 - b. To obtain and handle samples at the site or at source of Products to be tested/inspected.
 - c. To facilitate tests/inspections.
 - d. To provide storage and curing of test samples.
 4. Notify Architect and laboratory 24 hours prior to expected time for operations requiring testing/inspection services.
 5. Employ services of an independent qualified testing laboratory and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.
 6. Arrange with owner's agency and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.
- D. Re-testing required because of non-compliance with specified requirements shall be performed by the same agency on instructions by Architect.
- E. Re-testing required because of non-compliance with specified requirements shall be paid for by Contractor.

3.03 DEFECT ASSESSMENT

- A. Replace Work or portions of the Work not complying with specified requirements.

END OF SECTION

SECTION 01 4200 REFERENCE STANDARDS AND DEFINITIONS

PART 1 GENERAL

1.01 REFERENCES

- A. The Contract Documents contain references to various standard specifications, codes, practices and requirements for materials, work quality, installation, inspections and tests, which references are published and issued by the organizations listed hereinafter by abbreviation and name. Such references are hereby made a part of these Contract Documents to the extent indicated or required.

1.02 DEFINITIONS

- A. General: Basic contract definitions are included in the General and Special Conditions of the Contract.
- B. Indicated : The term indicated refers to graphic representations, notes or schedules on the Drawings; or to other paragraphs or schedules in the Specifications and similar requirements in the Contract Documents. Terms such as shown , noted , scheduled and specified are used to help the user locate the reference. Location is not limited.
- C. Directed : Terms such as directed , requested , authorized , selected , approved , required and permitted mean directed by the Architect, requested by the Architect, and similar phrases.
- D. Approved : The term approved , when used in conjunction with the Architect's action on the Contractor's submittals, applications and requests, is limited to the Architect's duties and responsibilities as stated in the General and Special Conditions of the Contract.
- E. Regulations : The term regulations includes laws, ordinances, statutes and lawful orders issued by authorities having jurisdiction, as well as rules, conventions, and agreements within the construction industry that control performance of the Work.
- F. Furnish : The term furnish means to supply and deliver to the project site, ready for unloading, unpacking, assembly, installation and similar operations.
- G. Install : The term install describes operations at the project site including the actual unloading, temporary storage, unpacking, assembling, erecting, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning and similar operations.
- H. Provide : The term provide means to furnish and install, complete and ready for the intended use.
- I. Installer : An installer is the Contractor or another entity engaged by the Contractor, either as an employee, subcontractor or contractor of lower tier, who performs a particular construction activity including installation, erection, application, or similar operations. Installers are required to be experienced in the operations they are engaged to perform.
1. The term experienced , when used with the term installer , means having successfully completed previous projects similar in size and scope to this project, being familiar with the specified requirements indicated; and having complied with requirements of authorities having jurisdiction.
 2. Trades: sing terms such as carpentry does not imply that certain construction activities must be performed by accredited or unionized individuals of a corresponding generic name, such as carpenter . It also does not imply that requirements specified apply exclusively to tradespeople of the corresponding generic name.
 3. Assigning Specialists: Certain sections of the Specifications require that specific construction activities shall be performed by specialists who are recognized experts in those operations. The specialists must be engaged for those activities, and their assignments are requirements over which the Contractor has no option. However, the ultimate responsibility for fulfilling contract requirements remains with the Contractor.
 - a. This requirement shall not be interpreted to conflict with enforcing building codes and similar regulations governing the work. It is also not intended to interfere with local trade-union jurisdictional settlements and similar conventions.

- J. Project Site is the space available to the Contractor for performing construction activities, either exclusively or in conjunction with others performing work as part of the Project. The extent of the project site is shown on the drawings and may or may not be identical with the description of the land on which the Project is to be built.
- K. Testing Agencies : A testing agency is an independent entity engaged to perform specific inspections or tests, either at the project site or elsewhere, and to report on and, if required, to interpret results of those inspections or tests.

1.03 SPECIFICATION FORMAT AND CONTENT EXPLANATION

- A. Specification Format: These Specifications are organized into Divisions and Sections based on the Construction Specifications Institute's 2004 Masterformat numbering system.
- B. Specification Content: These Specifications use certain conventions for the style of language and the intended meaning of certain terms, words and phrases when used in particular situations. These conventions are as follows:
 - 1. Abbreviated Language: Language used in Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate words implied, but not stated, shall be interpolated as the sense requires. Singular words shall be interpreted as plural and plural words interpreted as singular where applicable as the context of the Contract Documents indicates.
 - 2. Imperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by the Contractor. At certain locations in the text, subjective language is used for clarity to describe responsibilities that must be fulfilled indirectly by the Contractor or by others when so noted.
 - a. The words shall, shall be or shall comply with, depending on the context, are implied where a colon (:) is used within a sentence or phrase.

1.04 INDUSTRY STANDARDS

- A. Applicability of Standards: Unless the Contract Documents include more stringent requirements, applicable construction industry standards have the same force and effect as if bound or copied directly into the Contract Documents to the extent referenced. Such Standards are made a part of the Contract Documents by reference.
- B. When the effective date of a Reference Standard is not given, it shall be understood that the current edition or latest revision thereof and any amendments or supplements thereto in effect on the date of issue of these Contract Documents, as indicated by the date on the cover sheet or in the Invitation to Bid, shall govern the work.
- C. Conflicting Requirements: Where compliance with 2 or more standards is specified and the standards establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer uncertainties and requirements that are different but apparently equal to the Architect for a decision before proceeding.
 - 1. Minimum quantity or quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of the requirements. Refer uncertainties to the Architect for a decision before proceeding.
- D. Copies of Standards: Each entity engaged in construction on the Project must be familiar with industry standards applicable to its construction activity. Copies of applicable standards are not bound with the Contract Documents.
 - 1. Where copies of standards are needed to perform a required construction activity, the Contractor shall obtain copies directly from the publication source and make them available on request.
- E. Abbreviations and Names: Trade association names and titles of general standards are frequently abbreviated. The following list of general reference standards is common to the construction industry. This list is not all-inclusive nor does the presence of a reference

standard imply necessarily that it is referenced in the Specifications or other Contract Documents.

- F.
- G. AAAluminum Association
- H. AABCAssociated Air Balance Council
- I. AAMAAmerican Architectural Manufacturers Association
- J. AASHT American Association of State Highway and Transportation Officials
- K. ACIAmerican Concrete Institute International
- L. ADCAmerican Diffusion Council
- M. AGAAmerican Gas Association
- N. AIAAmerican Institute of Architects
 - . AISCAmerican Institute of Steel Construction
- P. AISIAmerican Iron and Steel Institute
 - . ALSCAmerican Lumber Standards Committee
- R. AMCAAir Movement and Control Association International
- S. ANSIAmerican National Standards Institute
- T. APAEngineered Wood Association (Formerly American Plywood Ass'n)
 - . ARIAir Conditioning and Refrigeration Institute
- V. ASCEAmerican Society of Civil Engineers
- W. ASHRAEAmerican Society of Heating, Refrigerating and Air Conditioning Engrs
 - . ASMEThe American Society of Mechanical Engineers
 - . ASPEAmerican Society of Plumbing Engineers
 - . ASSEThe American Society of Sanitary Engineers
- AA. ASTMAmerican Society for Testing and Materials
- BB. AWIArchitectural Woodwork Institute
- CC. AWSAmerican Welding Society
- DD. BHMABuilders Hardware Manufacturers Association
- EE. BIABrick Industry Association
- FF. CISCACeilings Interior Systems Construction Association
- GG. CISPICast Iron Soil Pipe Institute
- HH. CLFMChain Link Fence Manufacturers Institute
- II. CRSIConcrete Reinforcing Steel Institute
- JJ. DHIDoor and Hardware Institute (Formerly Ntl. Builders Hardware Assoc)
- KK. EIMAEIFS Industry Manufacturers Association
- LL. FGMAFlat Glass Marketing Association
- MM. FMFactory Mutual Research Corporation
- NN. GAGypsum Association
 - . GANAGlass Association of North America
- PP. IAPM International Association of Plumbing and Mechanical Officials
 - . ICB International Conference of Building Officials
- RR. ICCInternational Code Council
- SS. IEEEInstitute of Electrical and Electronics Engineers

- TT. IESNA Illuminating Engineering Society of North America
 . IGCC Insulating Glass Certification Council
- VV. MBMA Metal Building Manufacturers Association
- WW. NAAMM The National Association of Architectural Metal Manufacturers
 . NCMANational Concrete Masonry Association
 . NEBBNational Environmental Balancing Bureau
 . NECANational Electrical Contractors Association
- AAA. NEMANational Electrical Manufacturers Association
- BBB. NETANational Electrical Contractors Association
- CCC. NFPA National Fire Protection Association
- DDD. NRCANational Roofing Contractors Association
- EEE. NSFNSF International (National Sanitation Foundation)
- FFF. PCAPortland Cement Association
- GGG. PDIPlumbing and Drainage Institute
- HHH. SDISteel Door Institute
- III. SGCCSafety Glazing Certification Council
- JJJ. SJISteel Joist Institute
- KKK. SMACNASheet Metal and Air Conditioning Contractors' National Association
- LLL. TCATile Council of America
- MMM. BC Uniform Building Code (International Conference of Building Officials)
- NNN. L Underwriters Laboratories, Inc.
 . WCLIBWest Coast Lumber Inspection Bureau
- PPP. WDMAWindow and Door Manufacturers Association (Formerly NWWDA)
 . WI Woodwork Institute
- RRR. Federal Government Agencies and Acronyms: Names and titles of Federal Government standards - or specification-producing agencies are often abbreviated. The following abbreviations and acronyms which may be referenced in the Contract Documents indicate names of standards - or specification-producing agencies of the Federal Government. This list is not all-inclusive nor does presence on the list imply necessarily that the abbreviation is referenced in the Specifications or other Contract Documents.
- SSS.
- TTT. ADAAmericans with Disabilities Act
 . CFRCode of Federal Regulations
- VVV. CECorps of Engineers, US Army
- WWW. CPSCConsumer Product Safety Commission
 . DCDDepartment of Commerce
 . DTDDepartment of Transportation
 . EPAEnvironmental Protection Agency
- AAAA. FAAFederal Aviation Administration
- BBBB. FCCFederal Communications Commission
- CCCC. FDAFood and Drug Administration
- DDDD. FHAFederal Housing Administration
- EEEE. FSSFederal Specifications and Standards (General Services Admin)

FFFF. GSAGeneral Services Administration
GGGG. MILMilitary Specifications and Standards (S Dept of Defense)
HHHH. NISTNational Institute of Standards and Technology
IIII. SHA Occupational Safety and Health Administration (S Dept of Labor)
JJJJ. PSPProduct Standards (S Dept of Commerce)
KKKK. SDA nited States Department of Agriculture
LLLL. SPS nited States Postal Service
MMMM.

PART 2 PRODUCTS

2.01 NOT APPLICABLE

2.02

PART 3 EXECUTION

3.01 NOT APPLICABLE

END OF SECTION 01 42 00

SECTION 01 5 13
TEMPORARY EROSION AND SEDIMENT CONTROL

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Prevention of erosion due to construction activities.
- B. Prevention of sedimentation of waterways, open drainage ways, and storm and sanitary sewers due to construction activities.
- C. Restoration of areas eroded due to insufficient preventive measures.
- D. Performance bond.
- E. Compensation of owner for fines levied by authorities having jurisdiction due to non-compliance by Contractor.

1.02 RELATED REQUIREMENTS

- A. Section 31 1000 - Site Clearing: Limits on clearing; disposition of vegetative clearing debris.
- B. Section 31 2200 - Grading: Temporary and permanent grade changes for erosion control.
- C. Section 32 1123 - Aggregate Base Courses: Temporary and permanent roadways.

1.03 REFERENCE STANDARDS

- A. ASTM D4355/D4355M - Standard Test Method for Deterioration of Geotextiles by Exposure to Light, Moisture, and Heat in a Xenon Arc-Type Apparatus 2021.
- B. ASTM D4491/D4491M - Standard Test Methods for Water Permeability of Geotextiles by Permittivity 2022.
- C. ASTM D4533/D4533M - Standard Test Method for Trapezoid Tearing Strength of Geotextiles 2015 (Reapproved 2023).
- D. ASTM D4632/D4632M - Standard Test Method for Grab Breaking Load and Elongation of Geotextiles 2015a (Reapproved 2023).
- E. ASTM D4751 - Standard Test Methods for Determining Apparent Opening Size of a Geotextile 2021a.
- F. ASTM D4873/D4873M - Standard Guide for Identification, Storage, and Handling of Geosynthetic Rolls and Samples 2017 (Reapproved 2021).
- G. EPA (NPDES) - National Pollutant Discharge Elimination System (NPDES), Construction General Permit Current Edition.
- H. FHWA FLP-94-005 - Best Management Practices for Erosion and Sediment Control 1995.

1.04 PERFORMANCE REQUIREMENTS

- A. Develop and follow an Erosion and Sedimentation Prevention Plan and submit periodic inspection reports.
- B. Do not begin clearing, grading, or other work involving disturbance of ground surface cover until applicable permits have been obtained; furnish all documentation required to obtain applicable permits.
- C. Provide to owner a Performance Bond covering erosion and sedimentation preventive measures only, in an amount equal to 100 percent of the cost of erosion and sedimentation control work.
- D. Timing: Put preventive measures in place as soon as possible after disturbance of surface cover and before precipitation occurs.
- E. Storm Water Runoff: Control increased storm water runoff due to disturbance of surface cover due to construction activities for this project.
 - 1. Prevent runoff into storm and sanitary sewer systems, including open drainage channels, in excess of actual capacity or amount allowed by authorities having jurisdiction, whichever is less.

2. Anticipate runoff volume due to the most extreme short term and 24-hour rainfall events that might occur in 25 years.
- F. Erosion on Site: Minimize wind, water, and vehicular erosion of soil on project site due to construction activities for this project.
 1. Control movement of sediment and soil from temporary stockpiles of soil.
 2. Prevent development of ruts due to equipment and vehicular traffic.
 3. If erosion occurs due to non-compliance with these requirements, restore eroded areas at no cost to owner.
- G. Erosion off Site: Prevent erosion of soil and deposition of sediment on other properties caused by water leaving the project site due to construction activities for this project.
 1. Prevent windblown soil from leaving the project site.
 2. Prevent tracking of mud onto public roads outside site.
 3. Prevent mud and sediment from flowing onto sidewalks and pavements.
 4. If erosion occurs due to non-compliance with these requirements, restore eroded areas at no cost to owner.
- H. Sedimentation of Waterways on Site: Prevent sedimentation of waterways on the project site, including rivers, streams, lakes, ponds, open drainage ways, storm sewers, and sanitary sewers.
 1. If sedimentation occurs, install or correct preventive measures immediately at no cost to owner; remove deposited sediments; comply with requirements of authorities having jurisdiction.
 2. If sediment basins are used as temporary preventive measures, pump dry and remove deposited sediment after each storm.
- I. Sedimentation of Waterways off Site: Prevent sedimentation of waterways off the project site, including rivers, streams, lakes, ponds, open drainage ways, storm sewers, and sanitary sewers.
 1. If sedimentation occurs, install or correct preventive measures immediately at no cost to owner; remove deposited sediments; comply with requirements of authorities having jurisdiction.
- J. Open Water: Prevent standing water that could become stagnant.
- K. Maintenance: Maintain temporary preventive measures until permanent measures have been established.

1.05 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Erosion and Sedimentation Control Plan:
 1. Include:
 - a. Site plan identifying soils and vegetation, existing erosion problems, and areas vulnerable to erosion due to topography, soils, vegetation, or drainage.
 - b. Site plan showing grading; new improvements; temporary roads, traffic accesses, and other temporary construction; and proposed preventive measures.
 - c. Where extensive areas of soil will be disturbed, include storm water flow and volume calculations, soil loss predictions, and proposed preventive measures.
 - d. Schedule of temporary preventive measures, in relation to ground disturbing activities.
 - e. Other information required by law.
 - f. Format required by law is acceptable, provided any additional information specified is also included.
 2. Obtain the approval of the Plan by authorities having jurisdiction.
 3. Obtain the approval of the Plan by owner.
- C. Certificate: Mill certificate for silt fence fabric attesting that fabric and factory seams comply with specified requirements, signed by legally authorized official of manufacturer; indicate actual minimum average roll values; identify fabric by roll identification numbers.

- D. Inspection Reports: Submit report of each inspection; identify each preventive measure, indicate condition, and specify maintenance or repair required and accomplished.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Mulch: Use one of the following:
1. Straw or hay.
 2. Wood waste, chips, or bark.
 3. Erosion control matting or netting.
 4. Cutback asphalt.
 5. Polyethylene film, where specifically indicated only.
- B. Grass Seed For Temporary Cover: Select a species appropriate to climate, planting season, and intended purpose. If same area will later be planted with permanent vegetation, do not use species known to be excessively competitive or prone to volunteer in subsequent seasons.
- C. Bales: Air dry, rectangular straw bales.
1. Cross Section: 14 by 18 inches (350 by 450 mm), minimum.
 2. Bindings: Wire or string, around long dimension.
- D. Bale Stakes: Use one of the following, minimum 3 feet (1 m) long:
1. Steel - or T-section, with minimum mass of 1.33 pound per linear foot (1.98 kg per linear m).
 2. Wood, 2 by 2 inches (50 by 50 mm) in cross section.
- E. Silt Fence Fabric: Polypropylene geotextile resistant to common soil chemicals, mildew, and insects; non-biodegradable; in longest lengths possible; fabric including seams with the following minimum average roll lengths:
1. Average Opening Size: 30 U.S. Std. Sieve (0.600 mm), maximum, when tested in accordance with ASTM D4751.
 2. Permittivity: 0.05 sec⁻¹, minimum, when tested in accordance with ASTM D4491/D4491M.
 3. Ultraviolet Resistance: Retaining at least 70 percent of tensile strength, when tested in accordance with ASTM D4355/D4355M after 500 hours exposure.
 4. Tensile Strength: 100 pounds-force (450 N), minimum, in cross-machine direction; 124 pounds-force (550 N), minimum, in machine direction; when tested in accordance with ASTM D4632/D4632M.
 5. Elongation: 15 to 30 percent, when tested in accordance with ASTM D4632/D4632M.
 6. Tear Strength: 55 pounds-force (245 N), minimum, when tested in accordance with ASTM D4533/D4533M.
 7. Color: Manufacturer's standard, with embedment and fastener lines preprinted.
- F. Silt Fence Posts: Use one of the following, minimum 5 feet (1500 mm) long:
- G. Gravel: See Section 32 1123 for aggregate.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine site and identify existing features that contribute to erosion resistance; maintain such existing features to greatest extent possible.

3.02 PREPARATION

- A. Schedule work so that soil surfaces are left exposed for the minimum amount of time.

3.03 SCOPE OF PREVENTIVE MEASURES

- A. In all cases, if permanent erosion resistant measures have been installed temporary preventive measures are not required.
- B. Construction Entrances: Traffic-bearing aggregate surface.
1. Width: As required; 20 feet (7 m), minimum.

2. Length: 50 feet (16 m), minimum.
 3. Provide at each construction entrance from public right-of-way.
 4. Where necessary to prevent tracking of mud onto right-of-way, provide wheel washing area out of direct traffic lane, with drain into sediment trap or basin.
- C. Linear Sediment Barriers: Made of silt fences.
1. Provide linear sediment barriers:
 - a. Along downhill perimeter edge of disturbed areas, including soil stockpiles.
 2. Space sediment barriers with the following maximum slope length upslope from barrier:
 - a. Slope of Less Than 2 Percent: 100 feet (30 m)..
 - b. Slope Between 2 and 5 Percent: 75 feet (23 m).
 - c. Slope Between 5 and 10 Percent: 50 feet (15 m).
 - d. Slope Between 10 and 20 Percent: 25 feet (7.5 m).
 - e. Slope over 20 Percent: 15 feet (4.5 m).
- D. Storm Drain Curb Inlet Sediment Trap: Protect each curb inlet using one of the following measures:
1. Filter fabric wrapped around hollow concrete blocks blocking entire inlet face area; use one piece of fabric wrapped at least 1-1/2 times around concrete blocks and secured to prevent dislodging; orient cores of blocks so runoff passes into inlet.
 2. Straw bale row blocking entire inlet face area; anchor into pavement.
- E. Storm Drain Drop Inlet Sediment Traps: As detailed on drawings.
- F. Temporary Splash Pads: Stone aggregate over filter fabric; size to suit application; provide at downspout outlets and storm water outlets.
- G. Soil Stockpiles: Protect using one of the following measures:
1. Cover with polyethylene film, secured by placing soil on outer edges.
 2. Cover with mulch at least 4 inches (100 mm) thickness of pine needles, sawdust, bark, wood chips, or shredded leaves, or 6 inches (150 mm) of straw or hay.
- H. Mulching: Use only for areas that may be subjected to erosion for less than 6 months.
1. Wood Waste: Use only on slopes 3:1 or flatter; no anchoring required.
 2. Asphalt: Use only where no traffic, either vehicular or pedestrian, is anticipated.
- I. Temporary Seeding: Use where temporary vegetated cover is required.

3.04 INSTALLATION

- A. Traffic-Bearing Aggregate Surface:
1. Excavate minimum of 6 inches (150 mm).
 2. Place geotextile fabric full width and length, with minimum 12 inch (300 mm) overlap at joints.
 3. Place and compact at least 6 inches (150 mm) of 1 1/2 to 3 1/2 inch (40 to 90 mm) diameter stone.
- B. Silt Fences:
1. Store and handle fabric in accordance with ASTM D4873/D4873M.
 2. Where slope gradient is less than 3:1 or barriers will be in place less than 6 months, use nominal 16 inch (405 mm) high barriers with minimum 36 inch (905 mm) long posts spaced at 6 feet (1830 mm) maximum, with fabric embedded at least 4 inches (100 mm) in ground.
 3. Where slope gradient is steeper than 3:1 or barriers will be in place over 6 months, use nominal 28 inch (710 mm) high barriers, minimum 48 inch (1220 mm) long posts spaced at 6 feet (1830 mm) maximum, with fabric embedded at least 6 inches (150 mm) in ground.
 4. Where slope gradient is steeper than 3:1 and vertical height of slope between barriers is more than 20 feet (6 m), use nominal 32 inch (810 mm) high barriers with woven wire reinforcement and steel posts spaced at 4 feet (1220 mm) maximum, with fabric embedded at least 6 inches (150 mm) in ground.
 5. Install with top of fabric at nominal height and embedment as specified.

6. Do not splice fabric width; minimize splices in fabric length; splice at post only, overlapping at least 18 inches (460 mm), with extra post.
 7. Wherever runoff will flow around end of barrier or over the top, provide temporary splash pad or other outlet protection; at such outlets in the run of the barrier, make barrier not more than 12 inches (300 mm) high with post spacing not more than 4 feet (1220 mm).
- C. Straw Bale Rows:
1. Install bales in continuous rows with ends butting tightly, with one bale at each end of row turned uphill.
 2. Install bales so that bindings are not in contact with the ground.
 3. Embed bales at least 4 inches (100 mm) in the ground.
 4. Anchor bales with at least two stakes per bale, driven at least 18 inches (450 mm) into the ground; drive first stake in each bale toward the previously placed bale to force bales together.
 5. Fill gaps between ends of bales with loose straw wedged tightly.
 6. Place soil excavated for trench against bales on the upslope side of the row, compacted.
- D. Temporary Seeding:
1. When hydraulic seeder is used, seedbed preparation is not required.
 2. When surface soil has been sealed by rainfall or consists of smooth undisturbed cut slopes, and conventional or manual seeding is to be used, prepare seedbed by scarifying sufficiently to allow seed to lodge and germinate.
 3. If temporary mulching was used on planting area but not removed, apply nitrogen fertilizer at 1 pound per 1000 sq ft (0.5 kg per 100 sq m).
 4. In soils of very low fertility, apply 10-10-10 fertilizer at rate of 12 to 16 pounds per 1000 sq ft (6 to 8 kg per 100 sq m).
 5. Incorporate fertilizer into soil before seeding.
 6. Apply seed uniformly; if using drill or cultipacker seeders place seed 1/2 to 1 inch (12 to 25 mm) deep.
 7. Irrigate as required to thoroughly wet soil to depth that will ensure germination, without causing runoff or erosion.
 8. Repeat irrigation as required until grass is established.

3.05 MAINTENANCE

- A. Inspect preventive measures weekly, within 24 hours after the end of any storm that produces 0.5 inches (13 mm) or more rainfall at the project site, and daily during prolonged rainfall.
- B. Repair deficiencies immediately.
- C. Silt Fences:
1. Promptly replace fabric that deteriorates unless need for fence has passed.
 2. Remove silt deposits that exceed one-third of the height of the fence.
 3. Repair fences that are undercut by runoff or otherwise damaged, whether by runoff or other causes.
- D. Straw Bale Rows:
1. Promptly replace bales that fall apart or otherwise deteriorate unless need has passed.
 2. Remove silt deposits that exceed one-half of the height of the bales.
 3. Repair bale rows that are undercut by runoff or otherwise damaged, whether by runoff or other causes.
- E. Clean out temporary sediment control structures weekly and relocate soil on site.
- F. Place sediment in appropriate locations on site; do not remove from site.

3.06 CLEAN UP

- A. Remove temporary measures after permanent measures have been installed, unless permitted to remain by Architect.
- B. Clean out temporary sediment control structures that are to remain as permanent measures.

- C. Where removal of temporary measures would leave exposed soil, shape surface to an acceptable grade and finish to match adjacent ground surfaces.

END OF SECTION

NOT FOR BID

SECTION 01 6000 PRODUCT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General product requirements.
- B. Transportation, handling, storage and protection.
- C. Product option requirements.
- D. Substitution limitations.
- E. Procedures for owner-supplied products.
- F. Maintenance materials, including extra materials, spare parts, tools, and software.

1.02 RELATED REQUIREMENTS

- A. Section 01 1000 - Summary: Identification of owner-supplied products.
- B. Section 01 2500 - Substitution Procedures: Substitutions made during procurement and/or construction phases.
- C. Section 01 4000 - Quality Requirements: Product quality monitoring.

1.03 SUBMITTALS

- A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- B. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- C. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
 - 1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

PART 2 PRODUCTS

2.01 NEW PRODUCTS

- A. Provide new products unless specifically required or permitted by Contract Documents.
- B. Use of products having any of the following characteristics is not permitted:
- C. Where other criteria are met, Contractor shall give preference to products that:
 - 1. If used on interior, have lower emissions, as defined in Section 01 6116.
 - 2. If wet-applied, have lower VOC content, as defined in Section 01 6116.

2.02 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description only: Use any product meeting those standards or description.
- B. Products Specified by Naming one or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming one or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

2.03 MAINTENANCE MATERIALS

- A. Furnish extra materials, spare parts, tools, and software of types and in quantities specified in individual specification sections.
- B. Deliver to Project site; obtain receipt prior to final payment.

PART 3 EXECUTION

3.01 SUBSTITUTION LIMITATIONS

- A. See Section 01 2500 - Substitution Procedures.

3.02 OWNER SUPPLIED PRODUCTS

- A. See Section 01 1000 - Summary for identification of owner-supplied products.
- B. Owner's Responsibilities:
 - 1. Arrange for and deliver owner reviewed shop drawings, product data, and samples, to Contractor.
 - 2. Arrange and pay for product delivery to site.
 - 3. On delivery, inspect products jointly with Contractor.
 - 4. Submit claims for transportation damage and replace damaged, defective, or deficient items.
 - 5. Arrange for manufacturers' warranties, inspections, and service.
- C. Contractor's Responsibilities:
 - 1. Review owner reviewed shop drawings, product data, and samples.
 - 2. Receive and unload products at site; inspect for completeness or damage jointly with owner.
 - 3. Handle, store, install and finish products.
 - 4. Repair or replace items damaged after receipt.

3.03 TRANSPORTATION AND HANDLING

- A. Package products for shipment in manner to prevent damage; for equipment, package to avoid loss of factory calibration.
- B. If special precautions are required, attach instructions prominently and legibly on outside of packaging.
- C. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- D. Transport and handle products in accordance with manufacturer's instructions.
- E. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.
- F. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- G. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage, and to minimize handling.
- H. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.04 STORAGE AND PROTECTION

- A. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication. See Section 01 7419.
- B. Store and protect products in accordance with manufacturers' instructions.
- C. Store with seals and labels intact and legible.
- D. Store sensitive products in weathertight, climate-controlled enclosures in an environment favorable to product.
- E. For exterior storage of fabricated products, place on sloped supports above ground.
- F. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.
- G. Comply with manufacturer's warranty conditions, if any.
- H. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.

- I. Prevent contact with material that may cause corrosion, discoloration, or staining.
- J. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- K. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

END OF SECTION

NOT FOR BID

**SECTION 01 000
EXECUTION AND CLOSEOUT REQUIREMENTS**

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Examination, preparation, and general installation procedures.
- B. Pre-installation meetings.
- C. Cutting and patching.
- D. Surveying for laying out the work.
- E. Cleaning and protection.
- F. Starting of systems and equipment.
- G. Closeout procedures, including Contractor's Correction Punch List, except payment procedures.
- H. General requirements for maintenance service.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Submittals procedures, Electronic document submittal service.
- B. Section 01 4000 - Quality Requirements: Testing and inspection procedures.
- C. Section 01 5713 - Temporary Erosion and Sediment Control: Additional erosion and sedimentation control requirements.
- D. Section 01 7800 - Closeout Submittals: Project record documents, operation and maintenance data, warranties, and bonds.
- E. Section 02 4100 - Demolition: Demolition of whole structures and parts thereof; site utility demolition.

1.03 QUALIFICATIONS

- A. For surveying work, employ a land surveyor registered in the State in which the Project is located and acceptable to Architect. Submit evidence of surveyor's Errors and Omissions insurance coverage in the form of an Insurance Certificate. Employ only individual(s) trained and experienced in collecting and recording accurate data relevant to ongoing construction activities.

1.04 PROJECT CONDITIONS

- A. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.
- B. Dust Control: Execute work by methods to minimize raising dust from construction operations. Provide positive means to prevent air-borne dust from dispersing into atmosphere and over adjacent property.
- C. Erosion and Sediment Control: Plan and execute work by methods to control surface drainage from cuts and fills, from borrow and waste disposal areas. Prevent erosion and sedimentation.
- D. Pollution Control: Provide methods, means, and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances, and pollutants produced by construction operations. Comply with federal, state, and local regulations.

1.05 COORDINATION

- A. Coordinate scheduling, submittals, and work of the various sections of the Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.
- B. Notify affected utility companies and comply with their requirements.
- C. Verify that utility requirements and characteristics of new operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent

responsibilities for installing, connecting to, and placing in service, such equipment.

- D. Coordinate space requirements, supports, and installation of mechanical and electrical work that are indicated diagrammatically on drawings. Follow routing indicated for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- E. In finished areas except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.
- F. Coordinate completion and clean-up of work of separate sections.
- G. After owner occupancy of premises, coordinate access to site for correction of defective work and work not in accordance with Contract Documents, to minimize disruption of owner's activities.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

- A. New Materials: As specified in product sections; match existing products and work for patching and extending work.
- B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.
- C. Product Substitution: For any proposed change in materials, submit request for substitution described in Section 01 6000 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions.
- B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- C. Examine and verify specific conditions described in individual specification sections.
- D. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or misfabrication.
- E. Verify that utility services are available, of the correct characteristics, and in the correct locations.
- F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.
- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 PREINSTALLATION MEETINGS

- A. When required in individual specification sections, convene a preinstallation meeting at the site prior to commencing work of the section.
- B. Require attendance of parties directly affecting, or affected by, work of the specific section.
- C. Notify Architect four days in advance of meeting date.
- D. Prepare agenda and preside at meeting:
 - 1. Review conditions of examination, preparation and installation procedures.
 - 2. Review coordination with related work.

- E. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, owner, participants, and those affected by decisions made.

3.04 LAYING OUT THE WORK

- A. Verify locations of survey control points prior to starting work.
- B. Promptly notify Architect of any discrepancies discovered.
- C. Protect survey control points prior to starting site work; preserve permanent reference points during construction.
- D. Promptly report to Architect the loss or destruction of any reference point or relocation required because of changes in grades or other reasons.
- E. Replace dislocated survey control points based on original survey control. Make no changes without prior written notice to Architect.
- F. Utilize recognized engineering survey practices.
- G. Establish elevations, lines and levels. Locate and lay out by instrumentation and similar appropriate means:
 - 1. Site improvements including pavements; stakes for grading, fill and topsoil placement; utility locations, slopes, and invert elevations.
 - 2. Grid or axis for structures.
 - 3. Building foundation and ground floor elevations.
- H. Periodically verify layouts by same means.
- I. Maintain a complete and accurate log of control and survey work as it progresses.

3.05 GENERAL INSTALLATION REQUIREMENTS

- A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.
- B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated.
- C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated.
- D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.
- E. Make neat transitions between different surfaces, maintaining texture and appearance.

3.06 CUTTING AND PATCHING

- A. Whenever possible, execute the work by methods that avoid cutting or patching.
- B. Perform whatever cutting and patching is necessary to:
 - 1. Complete the work.
 - 2. Fit products together to integrate with other work.
 - 3. Provide openings for penetration of mechanical, electrical, and other services.
 - 4. Match work that has been cut to adjacent work.
 - 5. Repair areas adjacent to cuts to required condition.
 - 6. Repair new work damaged by subsequent work.
 - 7. Remove samples of installed work for testing when requested.
 - 8. Remove and replace defective and non-complying work.
- C. Execute work by methods that avoid damage to other work and that will provide appropriate surfaces to receive patching and finishing. In existing work, minimize damage and restore to original condition.
- D. Employ original installer to perform cutting for weather exposed and moisture resistant elements, and sight exposed surfaces.
- E. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval.
- F. Restore work with new products in accordance with requirements of Contract Documents.

- G. Fit work air tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- H. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material in accordance with Section 07 8400, to full thickness of the penetrated element.
- I. Patching:
 - 1. Finish patched surfaces to match finish that existed prior to patching. In continuous surfaces, refinish to nearest intersection or natural break. For an assembly, refinish entire unit.
 - 2. Match color, texture, and appearance.
 - 3. Repair patched surfaces that are damaged, lifted, discolored, or showing other imperfections due to patching work. If defects are due to condition of substrate, repair substrate prior to repairing finish.

3.0 PROGRESS CLEANING

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing the space.
- C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- D. Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

3.0 PROTECTION OF INSTALLED WORK

- A. Protect installed work from damage by construction operations.
- B. Provide special protection where specified in individual specification sections.
- C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- D. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.
- E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- F. Prohibit traffic or storage upon waterproofed or roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- G. Remove protective coverings when no longer needed; reuse or recycle coverings if possible.

3.0 SYSTEM STARTUP

- A. Coordinate schedule for start-up of various equipment and systems.
- B. Verify that each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, and for conditions that may cause damage.
- C. Verify tests, meter readings, and specified electrical characteristics agree with those required by the equipment or system manufacturer.
- D. Verify that wiring and support components for equipment are complete and tested.
- E. Execute start-up under supervision of applicable Contractor personnel and manufacturer's representative in accordance with manufacturers' instructions.
- F. Submit a written report that equipment or system has been properly installed and is functioning correctly.

3.10 ADJUSTING

- A. Adjust operating products and equipment to ensure smooth and unhindered operation.

3.11 FINAL CLEANING

- A. Use cleaning materials that are nonhazardous.
- B. Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.
- C. Remove all labels that are not permanent. Do not paint or otherwise cover fire test labels or nameplates on mechanical and electrical equipment.
- D. Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned.
- E. Clean filters of operating equipment.
- F. Clean debris from roofs, gutters, downspouts, scuppers, overflow drains, area drains, and drainage systems.
- G. Clean site; sweep paved areas, rake clean landscaped surfaces.
- H. Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose of in legal manner; do not burn or bury.

3.12 CLOSEOUT PROCEDURES

- A. Make submittals that are required by governing or other authorities.
- B. Accompany Project Coordinator on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of Substantial Completion.
- C. Notify Architect when work is considered ready for Architect's Substantial Completion inspection.
- D. Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Architect's Substantial Completion inspection.
- E. Conduct Substantial Completion inspection and create Final Correction Punch List containing Architect's and Contractor's comprehensive list of items identified to be completed or corrected and submit to Architect.
- F. Correct items of work listed in Final Correction Punch List and comply with requirements for access to owner-occupied areas.
- G. Notify Architect when work is considered finally complete and ready for Architect's Substantial Completion final inspection.
- H. Complete items of work determined by Architect listed in executed Certificate of Substantial Completion.

3.13 MAINTENANCE

- A. Provide service and maintenance of components indicated in specification sections.
- B. Maintenance Period: As indicated in specification sections or, if not indicated, not less than one year from the Date of Substantial Completion or the length of the specified warranty, whichever is longer.
- C. Examine system components at a frequency consistent with reliable operation. Clean, adjust, and lubricate as required.
- D. Include systematic examination, adjustment, and lubrication of components. Repair or replace parts whenever required. Use parts produced by the manufacturer of the original component.
- E. Maintenance service shall not be assigned or transferred to any agent or subcontractor without prior written consent of the owner.

END OF SECTION

SECTION 01 41
CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

PART 1 GENERAL**1.01 WASTE MANAGEMENT REQUIREMENTS**

- A. Owner requires that this project generate the least amount of trash and waste possible.
- B. Employ processes that ensure the generation of as little waste as possible due to error, poor planning, breakage, mishandling, contamination, or other factors.
- C. Minimize trash/waste disposal in landfills; reuse, salvage, or recycle as much waste as economically feasible.
- D. Contractor Reporting Responsibilities: Submit periodic Waste Disposal Reports; report landfill disposal, incineration, recycling, salvage, and reuse regardless of to whom the cost or savings accrues; use the same units of measure on required reports.
- E. Methods of trash/waste disposal that are not acceptable are:
 - 1. Burning on the project site.
 - 2. Burying on the project site.
 - 3. Dumping or burying on other property, public or private.
 - 4. Other illegal dumping or burying.
- F. Regulatory Requirements: Contractor is responsible for knowing and complying with regulatory requirements, including but not limited to Federal, state and local requirements, pertaining to legal disposal of all construction and demolition waste materials.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Additional requirements for project meetings, reports, submittal procedures, and project documentation.
- B. Section 01 5000 - Temporary Facilities and Controls: Additional requirements related to trash/waste collection and removal facilities and services.
- C. Section 01 6000 - Product Requirements: Waste prevention requirements related to delivery, storage, and handling.
- D. Section 01 7000 - Execution and Closeout Requirements: Trash/waste prevention procedures related to demolition, cutting and patching, installation, protection, and cleaning.

1.03 DEFINITIONS

- A. Clean: Untreated and unpainted; not contaminated with oils, solvents, caulk, or the like.
- B. Construction and Demolition Waste: Solid wastes typically including building materials, packaging, trash, debris, and rubble resulting from construction, remodeling, repair and demolition operations.
- C. Hazardous: Exhibiting the characteristics of hazardous substances, i.e., ignitability, corrosivity, toxicity or reactivity.
- D. Nonhazardous: Exhibiting none of the characteristics of hazardous substances, i.e., ignitability, corrosivity, toxicity, or reactivity.
- E. Nontoxic: Neither immediately poisonous to humans nor poisonous after a long period of exposure.
- F. Recyclable: The ability of a product or material to be recovered at the end of its life cycle and remanufactured into a new product for reuse by others.
- G. Recycle: To remove a waste material from the project site to another site for remanufacture into a new product for reuse by others.
- H. Recycling: The process of sorting, cleansing, treating and reconstituting solid waste and other discarded materials for the purpose of using the altered form. Recycling does not include burning, incinerating, or thermally destroying waste.
- I. Return: To give back reusable items or unused products to vendors for credit.

- J. Reuse: To reuse a construction waste material in some manner on the project site.
- K. Salvage: To remove a waste material from the project site to another site for resale or reuse by others.
- L. Sediment: Soil and other debris that has been eroded and transported by storm or well production run-off water.
- M. Source Separation: The act of keeping different types of waste materials separate beginning from the first time they become waste.
- N. Toxic: Poisonous to humans either immediately or after a long period of exposure.
- . Trash: Any product or material unable to be reused, returned, recycled, or salvaged.
- P. Waste: Extra material or material that has reached the end of its useful life in its intended use. Waste includes salvageable, returnable, recyclable, and reusable material.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Waste Disposal Reports: Submit at specified intervals, with details of quantities of trash and waste, means of disposal or reuse, and costs; show both totals to date and since last report.
 - 1. Submit updated Report with each Application for Progress Payment; failure to submit Report will delay payment.
 - 2. Submit Report on a form acceptable to owner.
 - 3. Landfill Disposal: Include the following information:
 - a. Identification of material.
 - b. Amount, in tons or cubic yards (cubic meters), of trash/waste material from the project disposed of in landfills.
 - c. State the identity of landfills, total amount of tipping fees paid to landfill, and total disposal cost.
 - d. Include manifests, weight tickets, receipts, and invoices as evidence of quantity and cost.
 - 4. Incinerator Disposal: Include the following information:
 - a. Identification of material.
 - b. Amount, in tons or cubic yards (cubic meters), of trash/waste material from the project delivered to incinerators.
 - c. State the identity of incinerators, total amount of fees paid to incinerator, and total disposal cost.
 - d. Include manifests, weight tickets, receipts, and invoices as evidence of quantity and cost.
 - 5. Recycled and Salvaged Materials: Include the following information for each:
 - a. Identification of material, including those retrieved by installer for use on other projects.
 - b. Amount, in tons or cubic yards (cubic meters), date removed from the project site, and receiving party.
 - c. Transportation cost, amount paid or received for the material, and the net total cost or savings of salvage or recycling each material.
 - d. Include manifests, weight tickets, receipts, and invoices as evidence of quantity and cost.
 - e. Certification by receiving party that materials will not be disposed of in landfills or by incineration.
 - 6. Material Reused on Project: Include the following information for each:
 - a. Identification of material and how it was used in the project.
 - b. Amount, in tons or cubic yards (cubic meters).
 - c. Include weight tickets as evidence of quantity.
 - 7. Other Disposal Methods: Include information similar to that described above, as appropriate to disposal method.

PART 3 EXECUTION

2.01 WASTE MANAGEMENT PROCEDURES

- A. See Section 01 3000 for additional requirements for project meetings, reports, submittal procedures, and project documentation.
- B. See Section 01 5000 for additional requirements related to trash/waste collection and removal facilities and services.
- C. See Section 01 6000 for waste prevention requirements related to delivery, storage, and handling.
- D. See Section 01 7000 for trash/waste prevention procedures related to demolition, cutting and patching, installation, protection, and cleaning.

2.02 WASTE MANAGEMENT PLAN IMPLEMENTATION

- A. Manager: Designate an on-site person or persons responsible for instructing workers and overseeing and documenting results of the Waste Management Plan.
- B. Communication: Distribute copies of the Waste Management Plan to job site foreman, each subcontractor, owner, and Architect.
- C. Instruction: Provide on-site instruction of appropriate separation, handling, and recycling, salvage, reuse, and return methods to be used by all parties at the appropriate stages of the project.
- D. Meetings: Discuss trash/waste management goals and issues at project meetings.
 - 1. Prebid meeting.
 - 2. Preconstruction meeting.
 - 3. Regular job-site meetings.
- E. Facilities: Provide specific facilities for separation and storage of materials for recycling, salvage, reuse, return, and trash disposal, for use by all contractors and installers.
 - 1. Provide containers as required.
 - 2. Provide adequate space for pick-up and delivery and convenience to subcontractors.
 - 3. Keep recycling and trash/waste bin areas neat and clean and clearly marked in order to avoid contamination of materials.
- F. Hazardous Wastes: Separate, store, and dispose of hazardous wastes according to applicable regulations.
- G. Recycling: Separate, store, protect, and handle at the site identified recyclable waste products in order to prevent contamination of materials and to maximize recyclability of identified materials. Arrange for timely pickups from the site or deliveries to recycling facility in order to prevent contamination of recyclable materials.
- H. Reuse of Materials On-Site: Set aside, sort, and protect separated products in preparation for reuse.
- I. Salvage: Set aside, sort, and protect products to be salvaged for reuse off-site.

END OF SECTION

**SECTION 01 00
CLOSEOUT SUBMITTALS**

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Project record documents.
- B. Operation and maintenance data.
- C. Materials transparency manual.
- D. Warranties and bonds.

1.02 RELATED REQUIREMENTS

- A. Section 01 3000 - Administrative Requirements: Submittals procedures, shop drawings, product data, and samples.
- B. Section 01 7000 - Execution and Closeout Requirements: Contract closeout procedures.
- C. Individual Product Sections: Specific requirements for operation and maintenance data.
- D. Individual Product Sections: Warranties required for specific products or Work.

1.03 SUBMITTALS

- A. Project Record Documents: Submit documents to Architect with claim for final Application for Payment.
- B. Operation and Maintenance Data:
 - 1. For equipment, or component parts of equipment put into service during construction and operated by owner, submit completed documents within ten days after acceptance.
 - 2. Submit one copy of completed documents 15 days prior to final inspection. This copy will be reviewed and returned after final inspection, with Architect comments. Revise content of all document sets as required prior to final submission.
 - 3. Submit two sets of revised final documents in final form within 10 days after final inspection.
- C. Materials Transparency Manual:
 - 1. Compile and submit a digital and a printed version of information disclosing materials content for interior finishes, furnishings (including workstations), built-in furniture. Meet IWBI (BS) requirements for format and content.
- D. Warranties and Bonds:
 - 1. For equipment or component parts of equipment put into service during construction with owner's permission, submit documents within 10 days after acceptance.
 - 2. Make other submittals within 10 days after Date of Substantial Completion, prior to final Application for Payment.
 - 3. For items of Work for which acceptance is delayed beyond Date of Substantial Completion, submit within 10 days after acceptance, listing the date of acceptance as the beginning of the warranty period.

PART 2 PRODUCTS NOT USED**PART 3 EXECUTION****3.01 PROJECT RECORD DOCUMENTS**

- A. Maintain on site one set of the following record documents; record actual revisions to the Work:
 - 1. Drawings.
 - 2. Addenda.
 - 3. Change orders and other modifications to the Contract.
- B. Ensure entries are complete and accurate, enabling future reference by owner.
- C. Store record documents separate from documents used for construction.
- D. Record information concurrent with construction progress.

- E. Record Drawings: Legibly mark each item to record actual construction including:
 - 1. Field changes of dimension and detail.
 - 2. Details not on original Contract drawings.

3.02 OPERATION AND MAINTENANCE DATA

- A. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.
- B. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use Project Record Documents as maintenance drawings.
- C. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.

3.03 WARRANTIES AND BONDS

- A. Obtain warranties and bonds, executed in duplicate by responsible Subcontractors, suppliers, and manufacturers, within 10 days after completion of the applicable item of work. Except for items put into use with owner's permission, leave date of beginning of time of warranty until Date of Substantial completion is determined.
- B. Verify that documents are in proper form, contain full information, and are notarized.
- C. Co-execute submittals when required.
- D. Retain warranties and bonds until time specified for submittal.

END OF SECTION

**SECTION 0 200
JOINT SEALANTS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Nonsag gunnable joint sealants.
- B. Self-leveling pourable joint sealants.
- C. Joint backings and accessories.

1.02 RELATED REQUIREMENTS

- A. Section 321313 - Concrete Paving: Sealant for concrete expansion joints.

1.03 REFERENCE STANDARDS

- A. ASTM C834 - Standard Specification for Latex Sealants 2017 (Reapproved 2023).
- B. ASTM C1193 - Standard Guide for Use of Joint Sealants 2016 (Reapproved 2023).
- C. ASTM C1248 - Standard Test Method for Staining of Porous Substrate by Joint Sealants 2022.
- D. ASTM C1311 - Standard Specification for Solvent Release Sealants 2022.
- E. ASTM C1330 - Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants 2023.
- F. SCA MD 1168 - Adhesive and Sealant Applications 1989, with Amendment (2022).

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Submit manufacturer's technical datasheets for each product to be used; include the following:
 - 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
 - 2. List of backing materials approved for use with the specific product.
 - 3. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
 - 4. Substrates the product should not be used on.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Nonsag Sealants:
 - 1. Adhesives Technology Corporation: www.atcepoxy.com/ site.
 - 2. IKRETE Companies: www.quikrete.com/ site.
 - 3. Sika Corporation: www.usa.sika.com/ site.
 - 4. Substitutions: See Section 01 6000 - Product Requirements.
- B. Self-Leveling Sealants:
 - 1. Adhesives Technology Corporation: www.atcepoxy.com/ site.
 - 2. IKRETE Companies: www.quikrete.com/ site.
 - 3. Sika Corporation: www.usa.sika.com/ site.
 - 4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 JOINT SEALANTS GENERAL

- A. Sealants and Primers: Provide products having lower volatile organic compound (VOC) content than indicated in SCA MD 1168.

2.03 ACCESSORIES

- A. Backer Rod: Cylindrical cellular foam rod with surface that sealant will not adhere to, compatible with specific sealant used, and recommended by backing and sealant manufacturers for specific application.
 - 1. Type for Joints Not Subject to Pedestrian or Vehicular Traffic: ASTM C1330; Type 1 - open Cell Polyurethane.

2. Pen Cell: 40 to 50 percent larger in diameter than joint width.
- B. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application.
- C. Masking Tape: Self-adhesive, nonabsorbent, nonstaining, removable without adhesive residue, and compatible with surfaces adjacent to joints and sealants.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that joints are ready to receive work.
- B. Verify that backing materials are compatible with sealants.
- C. Verify that backer rods are of the correct size.

3.02 INSTALLATION

- A. Install this work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.
- B. Provide joint sealant installations complying with ASTM C1193.
- C. Install bond breaker backing tape where backer rod cannot be used.
- D. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.
- E. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.
- F. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.

3.03 FIELD QUALITY CONTROL

- A. See Section 01 4000 - Quality Requirements for additional requirements.
- B. Perform field quality control inspection/testing as specified in PART 1 under QUALITY ASSURANCE article.
- C. Remove and replace failed portions of sealants using same materials and procedures as indicated for original installation.

END OF SECTION

SECTION 26 0010
BASIC ELECTRICAL REQUIREMENTS

PART 1 GENERAL

1.01 SCOPE

- A. This section supplements all sections of this division and shall apply to all phases of work hereinafter specified, shown on the drawings, or required to provide a complete installation of electrical systems for the Project. The work required under this division is not limited to the electrical specifications and drawings. Refer to all bid documents including Civil, Architectural, Structural, and Building manufacturer documents which may designate Work to be accomplished. The intent of the Specifications is to provide a complete and operable electrical system, which shall include all documents that are a part of the entire Project Contract.
 - 1. Work included: Furnish all labor, material, tools, equipment, facilities, transportation, skilled supervision necessary for, and incidental to, performing operations in connection with furnishing, delivery, and installation of the work in this division complete as shown or noted on the Drawings and specified herein.
- B. Related Work Specified Elsewhere:
 - 1. Refer to all sections in the general contract conditions, Contract Requirements and Division 1, General Requirements.
- C. Work Installed but Furnished by Others:
 - 1. The electrical work includes the installation or connection of certain materials and equipment furnished by others. Verify installation details. Foundations for apparatus and equipment will be furnished by others unless otherwise noted or detailed.

1.02 GENERAL REQUIREMENTS

- A. Guarantee See General Conditions:
 - 1. Except as may be specified under other Sections in the specification, guarantee equipment furnished under the specifications for a period of one year, except for equipment required to have a longer guarantee period, from date of final completion. Guarantee all work against defective workmanship, material, and improper installation. Upon notification of failure, correct deficiency immediately and without additional cost to the Owner.
 - 2. Standard warranty of manufacturer shall apply for replacement of parts after expiration of the above period. Manufacturer shall furnish replacement parts to the Owner or his service agency as approved. Furnish to the Owner, through the Architect, printed manufacturer's warranties complete with material included and expiration dates, upon completion of project. Conform to Division 01.
- B. Equipment Safety: All electrical materials and equipment shall be new and shall be listed by Underwriter's Laboratories and bear their label, or listed and certified by a nationally recognized testing authority where UL does not have an approval. Custom made equipment must have complete test data submitted by the manufacturer attesting to its safety.
- C. Codes and Regulations:
 - 1. Design, manufacturer, testing and method of installation of all apparatus and materials furnished under the requirements of these specifications shall conform to the latest publications or standard rules of the following:
 - a. Institute of Electrical and Electronic Engineers - IEEE
 - b. National Electrical Manufacturers' Association - NEMA
 - c. Underwriters' Laboratories, Inc. - UL
 - d. National Fire Protection Association - NFPA
 - e. American Society for Testing and Materials - ASTM
 - f. American National Standards Institute - ANSI

- g. California Electrical Code - CEC, Title 24, Part 3
 - h. California Code of Regulations, Title 8, Subchapter 5
 - i. California Building Code-CBC, Title 24 Parts 1 &2
 - j. State & Municipal Codes in Force in the Specific Project Area
 - k. Occupational Safety & Health Administration - OSHA
 - l. California State Fire Marshal
 - m. California Fire Code- CFC, Title 24 Part 9
 - n. National Electrical Testing Association - NETA
2. The term "Code", when used within the specifications, shall refer to the Publications, Standards, ordinances and codes, listed above. In the case where the codes have different levels of requirements the most stringent rules shall apply.
- D. Requirements of Regulatory Agencies:
- 1. Codes, Permits, and Fees: Where the Contract Documents exceed minimum requirements, the Contract Documents take precedence. Where code conflicts occur, the most stringent shall apply. The most stringent condition shall be as interpreted by the Engineer.
 - a. Comply with all requirements for permits, licenses, fees and Code. Permits, licenses, fees, inspections and arrangements required for the Contractor at his expense shall obtain the Work, unless otherwise specified.
 - b. Comply with the requirements of the applicable utility companies serving the Project. Make all arrangements with the utility companies for proper coordination of the Work.
- E. NOT USED
- F. Interpretations: The Contractor through the Architect must make Requests for interpretations of drawings and specifications. Any such requests made by equipment manufacturers or suppliers will be referred to the Contractor.
- G. Standard of Quality
- 1. The contract Drawings and Specifications establish the "MINIMUM STANDARD OF QUALITY" each product and/or system must meet to be considered acceptable. Products of other manufactures will be considered if the product and/or system meet or exceed the "MINIMUM STANDARD OF QUALITY" established by this Contract Document.
 - 2. Items for similar application shall be of the same manufacturer.
 - 3. The label of listing by UL shall appear on all materials and equipment for which standards have been established by the agency.
 - 4. Where codes as listed in Section General Requirement Section of the Specifications that establish label or approved requirements, furnish all materials and equipment with either the required labels affixed or the necessary written approval.
 - 5. Provide the type and quantity of electrical materials and equipment necessary to complete Work and all systems in operation, tested and ready for use.
 - 6. Provide and install all incidental items that belong to the Work described and which are required for complete systems.
 - 7. All switchboards, distribution boards, panel boards and circuit breakers shall be of the same manufacturer.
 - 8. All wiring devices such as switches and receptacles shall be of the same manufacturer.
- H. Substitutions: Refer to Division 01
- I. Submit comprehensive material list, shop drawings and complete technical data for the following equipment and materials:
- 1. General Requirements:
 - a. Lighting Fixtures
 - b. Conduits
 - c. Conductors, include all selected insulation types.
 - d. Pullboxes, manholes and handholes.
- J. Record Drawings: Refer to Division 01, Contract Closeout.

K. Work Responsibilities:

1. The drawings indicate diagrammatically the desired locations or arrangement of conduit runs, outlets, junction boxes and equipment and are to be followed. Execute the work so as to secure the best possible installation in the available space and to overcome local difficulties due to space limitations. The Contractor is responsible for the correct placing of his work. Where conflicts occur in plans and/or specifications, the most stringent application shall apply and shall be part of the base bid.
2. Locations shown on architectural plan or on wall elevations shall take precedence over electrical plan locations, but where a major conflict is evident, notify the Architect.
3. In the event minor changes in the indicated locations or arrangement are necessary due to developed conditions in the building construction or rearrangement of furnishings or equipment or due to interference with other trades, such changes shall be made without extra cost.
4. Verify dimensions and the correct location of Owner-Furnished equipment before proceeding with the roughing-in of connections.
5. All scaled and figured dimensions are approximate of typical equipment of the class indicated. Before proceeding with work carefully check and verify dimensions and sizes with the drawings to see that the furnished equipment will fit into the spaces provided without violation of applicable Codes.
6. Should any changes to the work indicated on the drawings or described in the specifications be necessary in order to comply with the above requirements, notify the Architect.
7. Contractor shall be responsible for coordination of coordinated drawings when required by the Architect.
8. Replace or repair, without additional compensation any work which does not comply with or which is installed in violation of any of these requirements.

L. Installation General: For special requirements, refer to specific equipment under these requirements.

1. Unless otherwise specified elsewhere in the specifications, do all excavating necessary for the proper installation of the electrical work.
2. Locations of Openings: Locate chases, shafts and openings required for the installation of the electrical work during framing of the structure. Do any additional cutting and patching required. Cutting or drilling in any structural member is prohibited without approval of the Architect. Furnish all access panels to make all boxes, connections and devices accessible as required by CEC.
3. Location of Sleeves: Where conduits pass through concrete walls, suspended slabs or metal deck floors, install sleeves of adequate size to permit installation of conduit. Sleeves shall be installed prior to pouring of concrete and shall have ends flush with the wall or extend 2 inches above floor surfaces. Verify locations.
4. Wherever conduit extends through roof, install flashings in accordance with drawings and details.
5. Contractor shall be responsible for cutting and patching which may be required for the proper installation of the electrical work.
6. Protect work, materials and equipment and provide adequate and proper storage facilities during the progress of the work. Storage outdoors shall be weather protected and shall include space heaters to prevent condensation. Provide for the safety and good condition of all work until final acceptance of the work. Replace all damaged or defective work, materials and equipment before requesting final acceptance.
7. Conduit and Equipment to be Installed: Clean thoroughly to remove plaster, spattered paint, cement and dirt on both exterior and interior. All underground conduits shall be mandrelled prior to pulling wire.
8. Conduit and Equipment to be Painted: Clean conduit exposed to view in completed structure by removing plaster and dirt. Remove grease, oil and similar material from conduit and equipment by wiping with clean rags and suitable solvents in preparation for paint.

9. Items with Factory Finish: Remove cement, plaster, grease and oil, and leave surfaces, including cracks and corners, clean and polished. Touch up scratched or bare spots to match finish.
 10. Site Cleaning: Remove from site all packing cartons, scrap materials and other rubbish on a weekly basis. Vacuum out all cabinets, switchgear and panels and junction boxes prior to pulling any conductors.
 11. Electrical equipment and materials exposed to public and in finished areas shall be finish-painted after installation in accordance with the Painting Section. All exposed screw-type fasteners, exterior, or interior in restrooms, shall be vandal-resistant spanner type; include tool.
- M. Excavation, Backfilling, Cutting and Patching:
1. Excavating, trenching and backfilling required for the work of this Division in accordance with the applicable requirements of Division 2. Excavating and backfilling connected with electrical work, repaving cuts and providing and maintaining protective measures for the electrical work excavation required by the governing authorities having jurisdiction shall be performed as a part of the work of this Division.
 2. Verify openings indicated on the drawings. Provide all saw cutting, patching and reinforcement of the construction of the building and flooring as required to install electrical work.
 3. The granular backfill shall be placed in layers not to exceed 150 mm in depth and each layer shall be thoroughly compacted by means of packers or mechanical tampers to a relative compaction of not less than 90% Standard Proctor Density for the backfill material at optimum moisture content.
- N. NOT USED
- O. Protection: Protect finish parts of the materials and equipment against damage during the progress of the work and until final completion and acceptance. Cover materials and equipment in storage and during construction in such a manner that no finished surfaces will be damaged or marred. Keep moving parts clean, dry and lubricated.
- P. Cleaning Up:
1. Upon completion of the work and at various time during the progress of the work, remove from the building all surplus materials, rubbish and debris resulting from the work of this Division.
 2. Thoroughly clean switchgear including busses, apparatus, exposed conduit, metal work including the exterior and interior, and accessories for the work of this Division, of cement, plaster and other deleterious materials; remove grease and oil spots with cleaning solvent; carefully wipe surfaces and scrape cracks and corners clean.
 3. Thoroughly polish chromium or plated work. Remove dirt and stains from lighting fixtures.
 4. Leave the entire installation in a clean condition.
- Q. Completion:
1. The work will not be reviewed for final acceptance until operating and maintenance data, manufacturer's literature, panel directories and nameplates specified herein have been approved and properly posted or installed and final cleaning of equipment and premises has been completed.
 2. When the installation is complete and adjustments have been made, operate the system for a period of one week, during which time demonstrate that systems are completed and operating in conformance with the specifications.
- R. Operating and Maintenance Data: Submit complete and at one time, prior to acceptance of the installation, 4 copies of manufacturer's instructions for operation and maintenance of electrical equipment, including replacement parts lists. As specified in Division 01
- S. Inspection and Acceptance Procedures: The Architect will submit observation reports periodically during the construction phase detailing Contract deficiencies. The Contractor is responsible for making corrections immediately. Notice of Completion of the project will not be made until all items have been corrected.

- T. Final Completion of Electrical Systems:
1. Prior to Final Completion of operating electrical systems, the Contractor shall:
 - a. Provide materials of the type and quality specified and as necessary for proper operation, tested and ready for use.
 - b. Furnish the required Operating and Maintenance Data/Manuals.
 - c. Clean up of the project pertaining to this Division of the work.
 - d. After installation has been completed and adjustments made, operate the system for a period of one week, during which time, demonstrate to the Architect that systems are complete and operating in conformance with Contract Documents.
 - e. Conduct tests required and as specified in this Division and submit test reports and corrective actions taken.
 - f. Submission of warranties and guarantees.
 2. Final Completion of Work Shall be Contingent On:
 - a. Contractor replacing defective materials and workmanship.
 - b. Upon completion of work and adjustments made, Contractor shall conduct an operating test for each system for approval at such time as Architect directs. Conduct test in presence of authorized representative of Architect and demonstrate that systems and equipment do operate in accordance with requirements of the Contract Documents and are free from electrical and mechanical defects.
 - c. Contractor shall provide the necessary training programs and instructions to the Owner's representative. Number of hours shall be a minimum of four (4) hours for each system or days as required under separate Sections of these Specifications. Complete operation and maintenance manuals shall be provided at least two (2) weeks prior to training.
 - d. Submit copies of manufacturer's instructions and maintenance of electrical equipment including replacement parts lists. Each set shall include one set of shop drawings of equipment installed.
- U. Submittals for Change Orders: When changes are made during the construction phase, deletions and additions shall be presented in a manner that will indicate the cost of each item of material and corresponding labor. Markup shall be then added in accordance with the requirements of the General Conditions as modified by the Supplementary Conditions.
- V. The Contractor at a time convenient to the Owner shall provide instruction to the Owner's operating personnel in the proper operation and maintenance of all equipment and systems. The instructors shall have received factory training and shall be thoroughly familiar with the equipment installed. The operating personnel shall receive the number of days instruction as indicated in other sections.

1.03 PROJECT RECORD DOCUMENTS

- A. Record Drawings: CAD: Use a computer aided drafting (CAD) system in the preparation of record drawings for this Project. Acceptable CAD systems shall be capable of producing files in AutoCAD Version 2014 compatible DWG or DXF format. Owner's consultant will furnish CAD backgrounds for use by the Contractor after construction is 85% complete except where prohibited by Contract.
- B. Record Set During the Work: At site, maintain at least one set of Drawings as a Field Record Set. Also maintain at least one copy of all Addenda, Modifications, approved submittals, correspondence, and transmittals at site. Keep Drawings and data in good order and readily available to Architect and Owner.
- C. Changes: Clearly and correctly mark Record Drawings to show changes made during the construction process at the time the changed work is installed. No such changes shall be made in the work unless authorized by the Architect.
- D. Final Record Drawings: Conform to Division 01 requirements.

- E. Preparation of Final Record Drawings: Contractor shall transfer recorded changes in the work indicated on the Field Record Set to the record set. Changes shall be neatly and clearly drawn and noted by skilled draftsmen, and shown technically correct.
- F. Approval: Prior to Architect's inspection for Substantial Completion, submit the Final Record Drawings to the Architect for review, and make such revisions as may be necessary for Final Record Drawings to be a true, complete, and accurate record of the work.
- G. Manuals: Obtain data from the various manufacturers and submit instruction, operation, and maintenance manuals as required and to the extent required under other Sections.
- H. At all times when the work is in progress, maintain at the workplace, fabrication shop or Project Site as applies, a complete separate, clean, undamaged set of the latest stamped, actioned submittals. As work progresses, maintain records of "as installed" conditions on this set in suitable ink or chemical fluid. Update the set daily. After successful completion of Project Site testing specified herein, and after completion of Punch List corrections, copy all records of "as installed" conditions on to originals.
- I. Quantity:
 - 1. Review sets: As for Shop and Field Drawings.
 - 2. Record set: Refer to Division 01.
- J. Content: All drawings required under "Field and Shop Drawings". Show "as installed" condition. Where room designations according to Project permanent signage differ from construction designations in the Contract Documents, show both designations.
- K. Warranty Certificates: Comply with Division 01.

END OF SECTION

SECTION 26 0519
LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Single conductor building wire.
- B. Wiring connectors.
- C. Electrical tape.
- D. Heat shrink tubing.
- E. Wire pulling lubricant.
- F. Cable ties.

1.02 RELATED REQUIREMENTS

- A. Section 26 05 53 - Identification for Electrical Systems: Identification products and requirements.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate sizes of raceways, boxes, and equipment enclosures installed under other sections with the actual conductors to be installed, including adjustments for conductor sizes increased for voltage drop.
 - 2. Coordinate with electrical equipment installed under other sections to provide terminations suitable for use with the conductors to be installed.
 - 3. Notify Architect of any conflicts with or deviations from the contract documents. Obtain direction before proceeding with work.

1.04 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for conductors and cables, including detailed information on materials, construction, ratings, listings, and available sizes, configurations, and stranding.
- B. Project Record Documents: Record actual installed circuiting arrangements. Record actual routing for underground circuits.

1.05 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Receive, inspect, handle, and store conductors and cables in accordance with manufacturer's instructions.

PART 2 PRODUCTS**2.01 CONDUCTOR AND CABLE APPLICATIONS**

- A. Do not use conductors and cables for applications other than as permitted by NFPA 70 and product listing.

- B. Provide single conductor building wire installed in suitable raceway unless otherwise indicated, permitted, or required.
- C. Nonmetallic-sheathed cable is not permitted.
- D. Underground feeder and branch-circuit cable is not permitted.
- E. Service entrance cable is not permitted.
- F. Armored cable is not permitted.
- G. Metal-clad cable is not permitted.

2.02 CONDUCTOR AND CABLE GENERAL REQUIREMENTS

- A. Provide products that comply with requirements of NFPA 70.
- B. Provide products listed, classified, and labeled as suitable for the purpose intended.
- C. Provide new conductors and cables manufactured not more than one year prior to installation.
- D. Unless specifically indicated to be excluded, provide all required conduit, boxes, wiring, connectors, etc. as required for a complete operating system.
- E. Comply with NEMA WC 70.
- F. Thermoplastic-Insulated Conductors and Cables: Listed and labeled as complying with UL 83.
- G. Thermoset-Insulated Conductors and Cables: Listed and labeled as complying with UL 44.
- H. Conductor Material:
 - 1. Provide copper conductors only. Aluminum conductors are not acceptable for this project. Conductor sizes indicated are based on copper.
 - 2. Copper Conductors: Soft drawn annealed, 98 percent conductivity, uncoated copper conductors complying with ASTM B3, ASTM B8, or ASTM B787/B787M unless otherwise indicated.
 - 3. Tinned Copper Conductors: Comply with ASTM B33.
- I. Minimum Conductor Size:
 - 1. Branch Circuits: 12 AWG.
 - a. Exceptions:
 - 1) 20 A, 120 V circuits longer than 75 feet: 10 AWG, for voltage drop.
 - 2) 20 A, 120 V circuits longer than 150 feet: 8 AWG, for voltage drop.
 - 3) 20 A, 277 V circuits longer than 150 feet: 10 AWG, for voltage drop.
 - 2. Control Circuits: 14 AWG.
- J. Conductor Color Coding:
 - 1. Color code conductors as indicated unless otherwise required by the authority having jurisdiction. Maintain consistent color coding throughout project.
 - 2. Color Coding Method: Integrally colored insulation.
 - a. Conductors size 4 AWG and larger may have black insulation color coded using vinyl color coding electrical tape.
 - 3. Color Code:
 - a. 208Y/120 V, 3 Phase, 4 Wire System:
 - 1) Phase A: Black.
 - 2) Phase B: Red.
 - 3) Phase C: Blue.
 - 4) Neutral/Grounded: White.
 - b. Equipment Ground, All Systems: Green.

2.03 SINGLE CONDUCTOR BUILDING WIRE

- A. Manufacturers:
 - 1. Copper Building Wire:
 - a. Cerro Wire LLC: www.cerrowire.com/#sle.

- b. Encore Wire Corporation: www.encorewire.com/#sle.
 - c. Southwire Company: www.southwire.com/#sle.
 - d. Rome Wire and Cable.
 - e. Okonite Wire
 - f. Pirelli Wire and Cable
 - g. Carol Cable
- B. Description: Single conductor insulated wire.
- C. Conductor Stranding:
 - 1. Feeders and Branch Circuits:
 - a. Size 10 AWG and Smaller: Solid.
 - b. Size 8 AWG and Larger: Stranded.
- D. Insulation Voltage Rating: 600 V.
- E. Insulation:
 - 1. Copper Building Aerial wWre: Type THW-2, THHN, XHHW-2, THHW or THWN-2, except as indicated below.
 - A. Installed Underground: Type XHHW-2.

2.04 WIRING CONNECTORS

- A. Description: Wiring connectors appropriate for the application, suitable for use with the conductors to be connected, and listed as complying with UL 486A-486B or UL 486C as applicable.
- B. Wiring Connectors for Splices and Taps:
 - 1. Copper Conductors Size 8 AWG and Smaller: Use twist-on insulated spring connectors.
 - 2. Copper Conductors Size 6 AWG and Larger: Use mechanical connectors or compression connectors.
- C. Wiring Connectors for Terminations:
 - 1. Provide terminal lugs for connecting conductors to equipment furnished with terminations designed for terminal lugs.
 - 2. Provide compression adapters for connecting conductors to equipment furnished with mechanical lugs when only compression connectors are specified.
 - 3. Where over-sized conductors are larger than the equipment terminations can accommodate, provide connectors suitable for reducing to appropriate size, but not less than required for the rating of the overcurrent protective device.
 - 4. Copper Conductors Size 8 AWG and Larger: Use mechanical connectors or compression connectors where connectors are required.
- D. Do not use insulation-piercing or insulation-displacement connectors designed for use with conductors without stripping insulation.
- E. Do not use push-in wire connectors as a substitute for twist-on insulated spring connectors.
- F. Twist-on Insulated Spring Connectors: Rated 600 V, 221 degrees F for standard applications and 302 degrees F for high temperature applications; pre-filled with sealant and listed as complying with UL 486D for damp and wet locations.
- G. Mechanical Connectors: Provide bolted type or set-screw type.
- H. Compression Connectors: Provide circumferential type or hex type crimp configuration.

2.05 WIRING ACCESSORIES

- A. Electrical Tape:
 - 1. Vinyl Color Coding Electrical Tape: Integrally colored to match color code indicated; listed as complying with UL 510; minimum thickness of 7 mil; resistant to abrasion, corrosion, and sunlight; suitable for continuous temperature environment up to 221 degrees F.
 - 2. Vinyl Insulating Electrical Tape: Complying with ASTM D3005 and listed as complying with UL 510; minimum thickness of 7 mil; resistant to abrasion, corrosion, and sunlight;

- conformable for application down to 0 degrees F and suitable for continuous temperature environment up to 221 degrees F.
3. Rubber Splicing Electrical Tape: Ethylene Propylene Rubber (EPR) tape, complying with ASTM D4388; minimum thickness of 30 mil; suitable for continuous temperature environment up to 194 degrees F and short-term 266 degrees F overload service.
 4. Electrical Filler Tape: Rubber-based insulating moldable putty, minimum thickness of 125 mil; suitable for continuous temperature environment up to 176 degrees F.
 5. Moisture Sealing Electrical Tape: Insulating mastic compound laminated to flexible, all-weather vinyl backing; minimum thickness of 90 mil.
- B. Heat Shrink Tubing: Heavy-wall, split-resistant, with factory-applied adhesive; rated 600 V; suitable for direct burial applications; listed as complying with UL 486D.
- C. Wire Pulling Lubricant: Listed; suitable for use with the conductors or cables to be installed and suitable for use at the installation temperature.
- D. Cable Ties: Material and tensile strength rating suitable for application.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that interior of building has been protected from weather.
- B. Verify that work likely to damage wire and cable has been completed.
- C. Verify that raceways, boxes, and equipment enclosures are installed and are properly sized to accommodate conductors and cables in accordance with NFPA 70.
- D. Verify that field measurements are as indicated.
- E. Verify that conditions are satisfactory for installation prior to starting work.

3.02 PREPARATION

- A. Clean raceways thoroughly to remove foreign materials before installing conductors and cables.

3.03 INSTALLATION

- A. Circuiting Requirements:
 1. Unless dimensioned, circuit routing indicated is diagrammatic.
 2. When circuit destination is indicated without specific routing, determine exact routing required.
 3. Arrange circuiting to minimize splices.
 4. Include circuit lengths required to install connected devices within 10 ft of location indicated.
 5. Circuiting Adjustments: Unless otherwise indicated, when branch circuits are indicated as separate, combining them together in a single raceway is not permitted.
 6. Common Neutrals: Unless otherwise indicated, sharing of neutral/grounded conductors among single phase branch circuits of different phases installed in the same raceway is not permitted. Provide dedicated neutral/grounded conductor for each individual branch circuit.
- B. Install products in accordance with manufacturer's instructions.
- C. Perform work in accordance with NECA 1 (general workmanship).
- D. Installation in Raceway:
 1. Tape ends of conductors and cables to prevent infiltration of moisture and other contaminants.
 2. Pull all conductors and cables together into raceway at same time.

3. Do not damage conductors and cables or exceed manufacturer's recommended maximum pulling tension and sidewall pressure.
 4. Use suitable wire pulling lubricant where necessary, except when lubricant is not recommended by the manufacturer.
- E. Paralleled Conductors: Install conductors of the same length and terminate in the same manner.
- F. Secure and support conductors and cables in accordance with NFPA 70 using suitable supports and methods approved by the authority having jurisdiction. Provide independent support from building structure. Do not provide support from raceways, piping, ductwork, or other systems.
1. Installation Above Suspended Ceilings: Do not provide support from ceiling support system. Do not provide support from ceiling grid or allow conductors and cables to lay on ceiling tiles.
 2. Installation in Vertical Raceways: Provide supports where vertical rise exceeds permissible limits.
- G. Install conductors with a minimum of 12 inches of slack at each outlet.
- H. Where conductors are installed in enclosures for future termination by others, provide a minimum of 5 feet of slack.
- I. Neatly train and bundle conductors inside boxes, wireways, panelboards and other equipment enclosures.
- J. Group or otherwise identify neutral/grounded conductors with associated ungrounded conductors inside enclosures in accordance with NFPA 70.
- K. Make wiring connections using specified wiring connectors.
1. Make splices and taps only in accessible boxes. Do not pull splices into raceways or make splices in conduit bodies or wiring gutters.
 2. Remove appropriate amount of conductor insulation for making connections without cutting, nicking or damaging conductors.
 3. Do not remove conductor strands to facilitate insertion into connector.
 4. Clean contact surfaces on conductors and connectors to suitable remove corrosion, oxides, and other contaminants. Do not use wire brush on plated connector surfaces.
 5. Mechanical Connectors: Secure connections according to manufacturer's recommended torque settings.
 6. Compression Connectors: Secure connections using manufacturer's recommended tools and dies.
- L. Insulate splices and taps that are made with uninsulated connectors using methods suitable for the application, with insulation and mechanical strength at least equivalent to unspliced conductors.
1. Dry Locations: Use insulating covers specifically designed for the connectors, electrical tape, or heat shrink tubing.
 - a. For taped connections, first apply adequate amount of rubber splicing electrical tape or electrical filler tape, followed by outer covering of vinyl insulating electrical tape.
 2. Damp Locations: Use insulating covers specifically designed for the connectors, electrical tape, or heat shrink tubing.
 - a. For connections with insulating covers, apply outer covering of moisture sealing electrical tape.
 - b. For taped connections, follow same procedure as for dry locations but apply outer covering of moisture sealing electrical tape.
 3. Wet Locations: Use heat shrink tubing.
- M. Insulate ends of spare conductors using vinyl insulating electrical tape.
- N. Field-Applied Color Coding: Where vinyl color coding electrical tape is used in lieu of integrally colored insulation as permitted in Part 2 under "Color Coding", apply half overlapping turns of tape at each termination and at each location conductors are accessible.

- O. Identify conductors and cables in accordance with Section 26 05 53.
- P. Install firestopping to preserve fire resistance rating of partitions and other elements, using materials and methods specified in Section Firestopping.
- Q. Unless specifically indicated to be excluded, provide final connections to all equipment and devices, including those furnished by others, as required for a complete operating system.

3.04 FIELD QUALITY CONTROL

- A. Inspect and test in accordance with NETA ATS, except Section 4.
- B. Perform inspections and tests listed in NETA ATS, Section 7.3.2. The insulation resistance test is required for all conductors. The resistance test for parallel conductors listed as optional is not required.
- C. Correct deficiencies and replace damaged or defective conductors and cables.

END OF SECTION

SECTION 26 0526
GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Grounding and bonding requirements.
- B. Conductors for grounding and bonding.
- C. Connectors for grounding and bonding.
- D. Ground rod electrodes.

1.02 REFERENCE STANDARDS

- A. IEEE 81 - IEEE Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System; 2012.
- B. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2015.
- C. NEMA GR 1 - Grounding Rod Electrodes and Grounding Rod Electrode Couplings; 2007.
- D. NETA ATS - Acceptance Testing Specifications for Electrical Power Equipment and Systems; 2013.
- E. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- F. UL 467 - Grounding and Bonding Equipment; Current Edition, Including All Revisions.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Verify exact locations of underground metal water service pipe entrances to building.
 - 2. Coordinate the work with other trades to provide steel reinforcement complying with specified requirements for concrete-encased electrode.
 - 3. Notify Architect of any conflicts with or deviations from the contract documents. Obtain direction before proceeding with work.
- B. Sequencing:
 - 1. Do not install ground rod electrodes until final backfill and compaction is complete.

1.04 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for grounding and bonding system components.
- B. Field quality control test reports.
- C. Project Record Documents: Record actual locations of grounding electrode system components and connections.

1.05 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.
- C. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Receive, inspect, handle, and store products in accordance with manufacturer's instructions.

PART 2 PRODUCTS**2.01 GROUNDING AND BONDING REQUIREMENTS**

- A. Do not use products for applications other than as permitted by NFPA 70 and product listing.
- B. Unless specifically indicated to be excluded, provide all required components, conductors, connectors, conduit, boxes, fittings, supports, accessories, etc. as necessary for a complete grounding and bonding system.
- C. Where conductor size is not indicated, size to comply with NFPA 70 but not less than applicable minimum size requirements specified.
- D. Grounding System Resistance:
1. Achieve specified grounding system resistance under normally dry conditions unless otherwise approved by Architect. Precipitation within the previous 48 hours does not constitute normally dry conditions.
 2. Grounding Electrode System: Not greater than 25 ohms to ground, when tested according to IEEE 81 using "fall-of-potential" method.
- E. Grounding Electrode System:
1. Provide connection to required and supplemental grounding electrodes indicated to form grounding electrode system.
 - a. Provide continuous grounding electrode conductors without splice or joint.
 - b. Install grounding electrode conductors in raceway where exposed to physical damage. Bond grounding electrode conductor to metallic raceways at each end with bonding jumper.
 2. Metal Underground Water Pipe(s):
 - a. Provide connection to underground metal domestic and fire protection (where present) water service pipe(s) that are in direct contact with earth for at least 10 feet at an accessible location not more than 5 feet from the point of entrance to the building.
 - b. Provide bonding jumper(s) around insulating joints/pipes as required to make pipe electrically continuous.
 - c. Provide bonding jumper around water meter of sufficient length to permit removal of meter without disconnecting jumper.
 5. Provide additional ground electrode(s) as required to achieve specified grounding electrode system resistance.
- F. Grounding for Separate Building or Structure Supplied by Feeder(s) or Branch Circuits:
1. Provide grounding electrode system for each separate building or structure.
 2. Provide equipment grounding conductor routed with supply conductors.
 3. For each disconnecting means, provide grounding electrode conductor to connect equipment ground bus to grounding electrode system.
 4. Do not make any connections and remove any factory-installed jumpers between neutral (grounded) conductors and ground.
- G. NOT USED
- H. Bonding and Equipment Grounding:
1. Provide bonding for equipment grounding conductors, equipment ground busses, metallic equipment enclosures, metallic raceways and boxes, device grounding terminals, and other normally non-current-carrying conductive materials enclosing electrical conductors/equipment or likely to become energized as indicated and in accordance with NFPA 70.
 2. Provide insulated equipment grounding conductor in each feeder and branch circuit raceway. Do not use raceways as sole equipment grounding conductor.

3. Where circuit conductor sizes are increased for voltage drop, increase size of equipment grounding conductor proportionally in accordance with NFPA 70.
4. Unless otherwise indicated, connect wiring device grounding terminal to branch circuit equipment grounding conductor and to outlet box with bonding jumper.
5. Terminate branch circuit equipment grounding conductors on solidly bonded equipment ground bus only. Do not terminate on neutral (grounded) or isolated/insulated ground bus.
6. Provide bonding jumper across expansion or expansion/deflection fittings provided to accommodate conduit movement.

2.02 GROUNDING AND BONDING COMPONENTS

- A. General Requirements:
 1. Provide products listed, classified, and labeled as suitable for the purpose intended.
 2. Provide products listed and labeled as complying with UL 467 where applicable.
- B. Conductors for Grounding and Bonding, in Addition to Requirements of Section 26 05 26:
 1. Use insulated copper conductors unless otherwise indicated.
 - a. Exceptions:
 - 1) Use bare copper conductors where installed underground in direct contact with earth.
 - 2) Use bare copper conductors where directly encased in concrete (not in raceway).
- C. Connectors for Grounding and Bonding:
 1. Description: Connectors appropriate for the application and suitable for the conductors and items to be connected; listed and labeled as complying with UL 467.
 2. Unless otherwise indicated, use exothermic welded connections for underground, concealed and other inaccessible connections.
 3. Unless otherwise indicated, use mechanical connectors, compression connectors, or exothermic welded connections for accessible connections.
- D. Ground Rod Electrodes:
 1. Comply with NEMA GR 1.
 2. Material: Copper-bonded (copper-clad) steel.
 3. Size: 3/4 inch diameter by 10 feet length, unless otherwise indicated.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that work likely to damage grounding and bonding system components has been completed.
- B. Verify that field measurements are as indicated.
- C. Verify that conditions are satisfactory for installation prior to starting work.

3.02 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Perform work in accordance with NECA 1 (general workmanship).
- C. Ground Rod Electrodes: Unless otherwise indicated, install ground rod electrodes vertically. Where encountered rock prohibits vertical installation, install at 45 degree angle or bury horizontally in trench at least 30 inches (750 mm) deep in accordance with NFPA 70 or provide ground plates.
- D. Make grounding and bonding connections using specified connectors.
 1. Remove appropriate amount of conductor insulation for making connections without cutting, nicking or damaging conductors. Do not remove conductor strands to facilitate insertion into connector.

2. Remove nonconductive paint, enamel, or similar coating at threads, contact points, and contact surfaces.
 3. Exothermic Welds: Make connections using molds and weld material suitable for the items to be connected in accordance with manufacturer's recommendations.
 4. Mechanical Connectors: Secure connections according to manufacturer's recommended torque settings.
 5. Compression Connectors: Secure connections using manufacturer's recommended tools and dies.
- E. Identify grounding and bonding system components in accordance with Section 26 05 53.

3.03 FIELD QUALITY CONTROL

- A. Inspect and test in accordance with NETA ATS except Section 4.
- B. Perform inspections and tests listed in NETA ATS, Section 7.13.
- C. Perform ground electrode resistance tests under normally dry conditions. Precipitation within the previous 48 hours does not constitute normally dry conditions.
- D. Investigate and correct deficiencies where measured ground resistances do not comply with specified requirements.

END OF SECTION

SECTION 26 0529
HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Support and attachment requirements and components for equipment, conduit, cable, boxes, and other electrical work.

1.02 NOT USED**1.03 REFERENCE STANDARDS**

- A. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2015.
- B. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2016a.
- C. ASTM B633 - Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel; 2015.
- D. MFMA-4 - Metal Framing Standards Publication; 2004.
- E. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2015.
- F. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate sizes and arrangement of supports and bases with the actual equipment and components to be installed.
 - 2. Coordinate the work with other trades to provide additional framing and materials required for installation.
 - 3. Coordinate compatibility of support and attachment components with mounting surfaces at the installed locations.
 - 4. Coordinate the arrangement of supports with ductwork, piping, equipment and other potential conflicts installed under other sections or by others.
 - 5. Notify Architect of any conflicts with or deviations from the contract documents. Obtain direction before proceeding with work.

1.05 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for channel (strut) framing systems, non-penetrating rooftop supports, and post-installed concrete and masonry anchors.
- B. Shop Drawings: Include details for fabricated hangers and supports where materials or methods other than those indicated are proposed for substitution.

1.06 QUALITY ASSURANCE

- A. Comply with NFPA 70.
- B. Comply with applicable building code.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Receive, inspect, handle, and store products in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.01 SUPPORT AND ATTACHMENT COMPONENTS

A. General Requirements:

1. Provide all required hangers, supports, anchors, fasteners, fittings, accessories, and hardware as necessary for the complete installation of electrical work.
2. Provide products listed, classified, and labeled as suitable for the purpose intended, where applicable.
3. Where support and attachment component types and sizes are not indicated, select in accordance with manufacturer's application criteria as required for the load to be supported with a minimum safety factor of 5 times the applied force. Include consideration for vibration, equipment operation, and shock loads where applicable.
4. Do not use products for applications other than as permitted by NFPA 70 and product listing.
5. Do not use wire, chain, perforated pipe strap, or wood for permanent supports unless specifically indicated or permitted.
6. Steel Components: Use corrosion resistant materials suitable for the environment where installed.
 - a. Indoor Dry Locations: Use zinc-plated steel or approved equivalent unless otherwise indicated.
 - b. Outdoor and Damp or Wet Indoor Locations: Use galvanized steel, stainless steel, or approved equivalent unless otherwise indicated.
 - c. Zinc-Plated Steel: Electroplated in accordance with ASTM B633.
 - d. Galvanized Steel: Hot-dip galvanized after fabrication in accordance with ASTM A123/A123M or ASTM A153/A153M.

B. Conduit and Cable Supports: Straps, clamps, etc. suitable for the conduit or cable to be supported.

1. Conduit Straps: two-hole type only; stainless steel.
2. Conduit Clamps: Bolted type unless otherwise indicated.

C. Outlet Box Supports: Hangers, brackets, etc. suitable for the boxes to be supported.

D. Metal Channel (Strut) Framing Systems: Factory-fabricated continuous-slot metal channel (strut) and associated fittings, accessories, and hardware required for field-assembly of supports.

1. Comply with MFMA-4.
2. Channel Material:
 - a. Indoor Dry Locations: Use painted steel, zinc-plated steel, or galvanized steel.
 - b. Outdoor and Damp or Wet Indoor Locations: Use galvanized steel.

E. Hanger Rods: Threaded zinc-plated steel unless otherwise indicated.

F. Anchors and Fasteners:

1. Unless otherwise indicated and where not otherwise restricted, use the anchor and fastener types indicated for the specified applications.
2. New Concrete: Use preset concrete inserts.
3. Existing Concrete: Use expansion anchors.
4. Solid or Grout-Filled Masonry: Use expansion anchors.
5. Hollow Masonry: Use toggle bolts.
6. Hollow Stud Walls: Use toggle bolts.
7. Steel: Use welded threaded studs complying with AWS D1.1/D1.1M, with lock washers and nuts or Beam clamps (MSS Type 19, 21, 23, 25, or 27) complying with MSS SP-69.
8. Wood: Fasten with lag screws or through bolts.
9. Items Mounted on Hollow Walls and Nonstructural Building Surfaces: Mount cabinets, panelboards, disconnect switches, control enclosures, pull and junction boxes, transformers, and other devices on slotted-channel racks attached to substrate by means that meet seismic-restraint strength and anchorage requirements.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify that field measurements are as indicated.
- B. Verify that mounting surfaces are ready to receive support and attachment components.
- C. Verify that conditions are satisfactory for installation prior to starting work.

3.02 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Perform work in accordance with NECA 1 (general workmanship).
- C. Provide independent support from building structure. Do not provide support from piping, ductwork, or other systems.
- D. Unless specifically indicated or approved by Architect, do not provide support from suspended ceiling support system or ceiling grid.
- E. Unless specifically indicated or approved by Architect, do not provide support from roof deck.
- F. Do not penetrate or otherwise notch or cut structural members without approval of Structural Engineer.
- G. Equipment Support and Attachment:
 - 1. Use metal fabricated supports or supports assembled from metal channel (strut) to support equipment as required.
 - 2. Use metal channel (strut) secured to studs to support equipment surface-mounted on hollow stud walls when wall strength is not sufficient to resist pull-out.
 - 3. Use metal channel (strut) to support surface-mounted equipment in wet or damp locations to provide space between equipment and mounting surface.
 - 4. Securely fasten floor-mounted equipment. Do not install equipment such that it relies on its own weight for support.
- I. Secure fasteners according to manufacturer's recommended torque settings.
- J. Remove temporary supports.

3.03 NOT USED**3.04 FIELD QUALITY CONTROL**

- A. Inspect support and attachment components for damage and defects.
- B. Repair cuts and abrasions in galvanized finishes using zinc-rich paint recommended by manufacturer. Replace components that exhibit signs of corrosion.
- C. Correct deficiencies and replace damaged or defective support and attachment components.

END OF SECTION

SECTION 26 0533.13
CONDUIT FOR ELECTRICAL SYSTEMS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Galvanized steel rigid metal conduit (RMC).
- B. Liquidtight flexible metal conduit (LFMC).
- C. Rigid polyvinyl chloride (PVC) conduit.
- D. Conduit fittings.
- E. Accessories.

1.02 REFERENCE STANDARDS

- A. ANSI C80.1 - American National Standard for Electrical Rigid Steel Conduit (ERSC); 2015.
- B. ANSI C80.3 - American National Standard for Electrical Metallic Tubing -- Steel (EMT-S); 2015.
- C. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2015.
- D. NECA 101 - Standard for Installing Steel Conduits (Rigid, IMC, EMT); 2013.
- E. NECA 111 - Standard for Installing Nonmetallic Raceways (RNC, ENT, LFNC); 2003.
- F. NEMA FB 1 - Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable; 2014.
- G. NEMA RN 1 - Polyvinyl-Chloride (PVC) Externally Coated Galvanized Rigid Steel Conduit and Intermediate Metal Conduit; 2005 (R2013).
- H. NEMA TC 2 - Electrical Polyvinyl Chloride (PVC) Conduit; 2013.
- I. NEMA TC 3 - Polyvinyl Chloride (PVC) Fittings for Use with Rigid PVC Conduit and Tubing; 2015.
- J. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- L. UL 6 - Electrical Rigid Metal Conduit-Steel; Current Edition, Including All Revisions.
- M. UL 360 - Liquid-Tight Flexible Steel Conduit; Current Edition, Including All Revisions.
- N. UL 514B - Conduit, Tubing, and Cable Fittings; Current Edition, Including All Revisions.
- O. UL 651 - Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings; Current Edition, Including All Revisions.
- P. UL 797 - Electrical Metallic Tubing-Steel; Current Edition, Including All Revisions.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate minimum sizes of conduits with the actual conductors to be installed, including adjustments for conductor sizes increased for voltage drop.
 - 2. Coordinate the arrangement of conduits with structural members, ductwork, piping, equipment and other potential conflicts installed under other sections or by others.
 - 3. Verify exact conduit termination locations required for boxes, enclosures, and equipment installed under other sections or by others.
 - 4. Coordinate the work with other trades to provide roof penetrations that preserve the integrity of the roofing system and do not void the roof warranty.
 - 5. Notify Architect of any conflicts with or deviations from the contract documents. Obtain direction before proceeding with work.

- B. Sequencing:
 - 1. Do not begin installation of conductors and cables until installation of conduit is complete between outlet, junction and splicing points.

1.04 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for conduits and fittings.
- B. Project Record Documents: Record actual routing for conduits installed underground and conduits 2 inch (53 mm) trade size and larger.

1.05 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.
- B. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

PART 2 PRODUCTS

2.01 CONDUIT APPLICATIONS

- A. Do not use conduit and associated fittings for applications other than as permitted by NFPA 70 and product listing.
- B. Unless otherwise indicated and where not otherwise restricted, use the conduit types indicated for the specified applications. Where more than one listed application applies, comply with the most restrictive requirements. Where conduit type for a particular application is not specified, use galvanized steel rigid metal conduit.
- C. Underground:
 - 1. Under Slab on Grade: Use rigid PVC conduit.
 - 2. Exterior, Direct-Buried: Use rigid PVC conduit.
 - 3. Where rigid polyvinyl (PVC) conduit is provided, transition to galvanized steel rigid metal conduit where emerging from underground.
 - 4. Where rigid polyvinyl (PVC) conduit larger than 2 inch (53 mm) trade size is provided, use PVC-coated galvanized steel rigid metal conduit elbows for bends.
 - 5. Where steel conduit is installed in direct contact with earth where soil has a resistivity of less than 2000 ohm-centimeters or is characterized as severely corrosive based on soils report or local experience, use corrosion protection tape to provide supplementary corrosion protection or use PVC-coated galvanized steel rigid metal conduit.
 - 6. Where steel conduit emerges from concrete into soil, use corrosion protection tape to provide supplementary corrosion protection for a minimum of 4 inches on either side of where conduit emerges or use PVC-coated galvanized steel rigid metal conduit.
- E. NOT USED
- F. NOT USED
- G. Interior, Damp or Wet Locations: Use galvanized steel rigid metal conduit.
- H. Exposed, Interior, Not Subject to Physical Damage: Use galvanized steel rigid metal conduit
- I. Exposed, Interior, Subject to Physical Damage: Use galvanized steel rigid metal conduit.
 - 1. Locations subject to physical damage include, but are not limited to:
 - a. Where exposed below 8 feet, except within electrical and communication rooms or closets.
- J. Exposed, Exterior and in pipe chase: Use galvanized steel rigid metal conduit.
- K. Concealed, Exterior, Not Embedded in Concrete or in Contact With Earth: Use galvanized steel rigid metal conduit.

M. NOT USED

N. Fished in Existing Walls, Where Necessary: Use flexible metal conduit.

2.02 CONDUIT REQUIREMENTS

- A. Provide all conduit, fittings, supports, and accessories required for a complete raceway system.
- B. Provide products listed, classified, and labeled as suitable for the purpose intended.
- C. Minimum Conduit Size, Unless Otherwise Indicated:
 - 1. Branch Circuits: 3/4 inch (21 mm) trade size.
 - 2. Branch Circuit Homeruns: 3/4 inch (21 mm) trade size.
 - 3. Control Circuits: 1/2 inch (16 mm) trade size.
 - 4. Flexible Connections to Luminaires: 3/8 inch (12 mm) trade size.
 - 5. Underground, Exterior: 1 inch (27 mm) trade size.
- D. Where conduit size is not indicated, size to comply with NFPA 70 but not less than applicable minimum size requirements specified.

2.03 GALVANIZED STEEL RIGID METAL CONDUIT (RMC)

- A. Description: NFPA 70, Type RMC galvanized steel rigid metal conduit complying with ANSI C80.1 and listed and labeled as complying with UL 6.
- B. Fittings and Risers:
 - 1. Non-Hazardous Locations: Use fittings complying with NEMA FB 1 and listed and labeled as complying with UL 514B.
 - 2. Material: Use steel or malleable iron.
 - 3. Connectors and Couplings: Use threaded type fittings only. Threadless set screw and compression (gland) type fittings are not permitted.
 - 4. All risers shall be wrapped in 20mil tape or shall be PVC coated.

2.04 NOT USED

2.05 NOT USED

2.06 LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC)

- A. Description: NFPA 70, Type LFMC polyvinyl chloride (PVC) jacketed steel flexible metal conduit listed and labeled as complying with UL 360.
- B. Fittings:
 - 1. Description: Fittings complying with NEMA FB 1 and listed and labeled as complying with UL 514B.
 - 2. Material: Use steel or malleable iron.

2.07 NOT USED

2.08 RIGID POLYVINYL CHLORIDE (PVC) CONDUIT

- A. Description: NFPA 70, Type PVC rigid polyvinyl chloride conduit complying with NEMA TC 2 and listed and labeled as complying with UL 651; Schedule 40 unless otherwise indicated, Schedule 80 on pole risers where subject to physical damage; rated for use with conductors rated 90 degrees C.
- B. Fittings:
 - 1. Manufacturer: Same as manufacturer of conduit to be connected.
 - 2. Description: Fittings complying with NEMA TC 3 and listed and labeled as complying with UL 651; material to match conduit.

2.09 ACCESSORIES

- A. Corrosion Protection Tape: PVC-based, minimum thickness of 20 mil.
- B. Conduit Joint Compound: Corrosion-resistant, electrically conductive; suitable for use with the conduit to be installed.
- C. Solvent Cement for PVC Conduit and Fittings: As recommended by manufacturer of conduit and fittings to be installed.
- D. Pull Strings: Use nylon cord with average breaking strength of not less than 200 pound-force.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Perform work in accordance with NECA 1 (general workmanship).
- C. Install galvanized steel rigid metal conduit (RMC) in accordance with NECA 101.
- D. Install PVC-coated galvanized steel rigid metal conduit (RMC) using only tools approved by the manufacturer.
- E. Install rigid polyvinyl chloride (PVC) conduit in accordance with NECA 111.
- F. Conduit Routing:
 - 1. Unless dimensioned, conduit routing indicated is diagrammatic.
 - 2. When conduit destination is indicated without specific routing, determine exact routing required.
 - 3. Conceal all conduits unless specifically indicated to be exposed.
 - 4. Conduits installed underground or embedded in concrete may be routed in the shortest possible manner unless otherwise indicated. Route all other conduits parallel or perpendicular to building structure and surfaces, following surface contours where practical.
 - 5. Arrange conduit to maintain adequate headroom, clearances, and access.
 - 6. Arrange conduit to provide no more than the equivalent of four 90 degree bends between pull points.
 - 7. Arrange conduit to provide no more than 150 feet between pull points.
 - 8. Route conduits above water and drain piping where possible.
 - 9. Arrange conduit to prevent moisture traps. Provide drain fittings at low points and at sealing fittings where moisture may collect.
 - 10. Maintain minimum clearance of 6 inches between conduits and piping for other systems.
 - 11. Maintain minimum clearance of 12 inches between conduits and hot surfaces. This includes, but is not limited to:
 - a. Heaters.
 - b. Hot water piping.
 - c. Flues.
 - 12. Group parallel conduits in the same area together on a common rack.
- G. Conduit Support:
 - 1. Secure and support conduits in accordance with NFPA 70 and Section 26 05 29 using suitable supports and methods approved by the authority having jurisdiction.
 - 2. Provide independent support from building structure. Do not provide support from piping, ductwork, or other systems.
 - 3. Installation Above Suspended Ceilings: Do not provide support from ceiling support system. Do not provide support from ceiling grid or allow conduits to lay on ceiling tiles.
 - 4. Use conduit strap to support single surface-mounted conduit.
 - a. Use clamp back spacer with conduit strap for damp and wet locations to provide space between conduit and mounting surface.

5. Use metal channel (strut) with accessory conduit clamps to support multiple parallel surface-mounted conduits.
 6. Use conduit clamp to support single conduit from beam clamp or threaded rod.
 7. Use trapeze hangers assembled from threaded rods and metal channel (strut) with accessory conduit clamps to support multiple parallel suspended conduits.
 8. Use non-penetrating rooftop supports to support conduits routed across rooftops (only where approved).
 9. Use of spring steel conduit clips for support of conduits is not permitted.
 10. Use of wire for support of conduits is not permitted.
- H. Connections and Terminations:
1. Use approved zinc-rich paint or conduit joint compound on field-cut threads of galvanized steel conduits prior to making connections.
 2. Where two threaded conduits must be joined and neither can be rotated, use three-piece couplings or split couplings. Do not use running threads.
 3. Use suitable adapters where required to transition from one type of conduit to another.
 4. Provide drip loops for liquidtight flexible conduit connections to prevent drainage of liquid into connectors.
 5. Terminate threaded conduits in boxes and enclosures using threaded hubs or double lock nuts for dry locations and raintight hubs for wet locations.
 6. Provide insulating bushings or insulated throats at all conduit terminations to protect conductors.
 7. Secure joints and connections to provide maximum mechanical strength and electrical continuity.
- I. Penetrations:
1. Do not penetrate or otherwise notch or cut structural members, including footings and grade beams, without approval of Structural Engineer.
 2. Make penetrations perpendicular to surfaces unless otherwise indicated.
 3. Provide sleeves for penetrations as indicated or as required to facilitate installation. Set sleeves flush with exposed surfaces unless otherwise indicated or required.
 4. Conceal bends for conduit risers emerging above ground.
 5. Seal interior of conduits entering the building from underground at first accessible point to prevent entry of moisture and gases.
 6. Where conduits penetrate waterproof membrane, seal as required to maintain integrity of membrane.
 7. Make penetrations for roof-mounted equipment within associated equipment openings and curbs where possible to minimize roofing system penetrations. Where penetrations are necessary, seal as indicated or as required to preserve integrity of roofing system and maintain roof warranty. Include proposed locations of penetrations and methods for sealing with submittals.
- J. Underground Installation:
1. Minimum Cover, Unless Otherwise Indicated or Required:
 - a. Underground, Exterior: 24 inches.
 - b. Under Slab on Grade: 12 inches to bottom of slab.
 2. Provide underground warning tape in accordance with Section 26 05 53 along entire conduit length.
- L. Conduit Movement Provisions: Where conduits are subject to movement, provide expansion and expansion/deflection fittings to prevent damage to enclosed conductors or connected equipment. This includes, but is not limited to:
1. Where conduits cross structural joints intended for expansion, contraction, or deflection.
 2. Where calculated in accordance with NFPA 70 for rigid polyvinyl chloride (PVC) conduit installed above ground to compensate for thermal expansion and contraction.
 3. Where conduits are subject to earth movement by settlement or frost.

- M. Condensation Prevention: Where conduits cross barriers between areas of potential substantial temperature differential, provide sealing fitting or approved sealing compound at an accessible point near the penetration to prevent condensation. This includes, but is not limited to:
 - 1. Where conduits pass from outdoors into conditioned interior spaces.
 - 2. Where conduits pass from unconditioned interior spaces into conditioned interior spaces.
- N. Provide pull string in all empty conduits and in conduits where conductors and cables are to be installed by others. Leave minimum slack of 12 inches at each end.
- O. Provide grounding and bonding in accordance with Section 26 05 26.
- P. Identify conduits in accordance with Section 26 05 53.

3.02 FIELD QUALITY CONTROL

- A. Repair cuts and abrasions in galvanized finishes using zinc-rich paint recommended by manufacturer. Replace components that exhibit signs of corrosion.
- B. Where coating of PVC-coated galvanized steel rigid metal conduit (RMC) contains cuts or abrasions, repair in accordance with manufacturer's instructions.
- C. Correct deficiencies and replace damaged or defective conduits.

3.03 CLEANING

- A. Clean interior of conduits to remove moisture and foreign matter.

3.04 PROTECTION

- A. Immediately after installation of conduit, use suitable manufactured plugs to provide protection from entry of moisture and foreign material and do not remove until ready for installation of conductors.

END OF SECTION

NOT FOR BID

SECTION 26 0533.16
BOXES FOR ELECTRICAL SYSTEMS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Device boxes up to 100 cubic inches, including those used as junction and pull boxes.
- B. Cabinets and enclosures, including junction and pull boxes larger than 100 cubic inches.

1.02 REFERENCE STANDARDS

- A. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2015.
- B. NECA 130 - Standard for Installing and Maintaining Wiring Devices; 2010.
- C. NEMA FB 1 - Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable; 2014.
- D. NEMA OS 1 - Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports; 2013.
- E. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2014.
- F. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- G. UL 50 - Enclosures for Electrical Equipment, Non-Environmental Considerations; Current Edition, Including All Revisions.
- H. UL 50E - Enclosures for Electrical Equipment, Environmental Considerations; Current Edition, Including All Revisions.
- I. UL 508A - Industrial Control Panels; Current Edition, Including All Revisions.
- J. UL 514A - Metallic Outlet Boxes; Current Edition, Including All Revisions.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate the work with other trades to avoid placement of ductwork, piping, equipment, or other potential obstructions within the dedicated equipment spaces and working clearances for electrical equipment required by NFPA 70.
 - 2. Coordinate arrangement of electrical equipment with the dimensions and clearance requirements of the actual equipment to be installed.
 - 3. Coordinate minimum sizes of boxes with the actual installed arrangement of conductors, clamps, support fittings, and devices, calculated according to NFPA 70.
 - 4. Coordinate minimum sizes of pull boxes with the actual installed arrangement of connected conduits, calculated according to NFPA 70.
 - 5. Coordinate the placement of boxes with millwork, furniture, devices, equipment, etc. installed under other sections or by others.
 - 6. Coordinate the work with other trades to preserve insulation integrity.
 - 8. Notify Architect of any conflicts with or deviations from the contract documents. Obtain direction before proceeding with work.

1.04 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for underground boxes/enclosures.

1.05 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.

PART 2 PRODUCTS

2.01 BOXES

- A. General Requirements:
 - 1. Do not use boxes and associated accessories for applications other than as permitted by NFPA 70 and product listing.
 - 2. Provide all boxes, fittings, supports, and accessories required for a complete raceway system and to accommodate devices and equipment to be installed.
 - 3. Provide products listed, classified, and labeled as suitable for the purpose intended.
 - 4. Where box size is not indicated, size to comply with NFPA 70 but not less than applicable minimum size requirements specified.
 - 5. Provide grounding terminals within boxes where equipment grounding conductors terminate.
- B. Device Boxes Up to 100 cubic inches, Including Those Used as Junction and Pull Boxes:
 - 1. Use sheet-steel boxes for dry locations unless otherwise indicated or required.
 - 2. Use cast iron boxes or cast aluminum boxes for damp or wet locations unless otherwise indicated or required; furnish with compatible weatherproof gasketed covers.
 - 5. Use raised covers suitable for the type of wall construction and device configuration where required.
 - 6. Use shallow boxes where required by the type of wall construction.
 - 7. Do not use "through-wall" boxes designed for access from both sides of wall.
 - 8. Sheet-Steel Boxes: Comply with NEMA OS 1, and list and label as complying with UL 514A.
 - 9. Cast Metal Boxes: Comply with NEMA FB 1, and list and label as complying with UL 514A; furnish with threaded hubs.
 - 11. Boxes for Ganged Devices: Use multigang boxes of single-piece construction. Do not use field-connected gangable boxes unless specifically indicated or permitted.
 - 12. Minimum Box Size, Unless Otherwise Indicated:
 - a. Wiring Devices (Other Than Communications Systems Outlets): 4 inch square by 1-1/2 inch deep (100 by 38 mm) trade size.
 - b. Communications Systems Outlets: 4 inch square by 2-1/8 inch (100 by 54 mm) trade size.
 - c. Ceiling Outlets: 4 inch octagonal or square by 1-1/2 inch deep (100 by 38 mm) trade size.
- C. Cabinets and Enclosures, Including Junction and Pull Boxes Larger Than 100 cubic inches:
 - 1. Comply with NEMA 250, and list and label as complying with UL 50 and UL 50E, or UL 508A.
 - 2. NEMA 250 Environment Type, Unless Otherwise Indicated:
 - 3. Junction and Pull Boxes Larger Than 100 cubic inches:
 - a. Provide screw-cover or hinged-cover enclosures unless otherwise indicated.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Install boxes in accordance with NECA 1 (general workmanship) and, where applicable, NECA 130, including mounting heights specified in those standards where mounting heights are not indicated.
- C. Arrange equipment to provide minimum clearances in accordance with manufacturer's instructions and NFPA 70.
- D. Provide separate boxes for emergency power and normal power systems.

- E. Unless otherwise indicated, provide separate boxes for line voltage and low voltage systems.
- G. Box Locations:
 - 1. Locate boxes to be accessible. Provide access panels in accordance with Section Access Panels as required where approved by the Architect.
 - 2. Unless dimensioned, box locations indicated are approximate.
 - 3. Locate boxes as required for devices installed under other sections or by others.
 - a. Switches, Receptacles, and Other Wiring Devices: Comply with Section 26 27 26.
 - 4. Locate boxes so that wall plates do not span different building finishes.
 - 5. Locate boxes so that wall plates do not cross masonry joints.
 - 6. Unless otherwise indicated, where multiple outlet boxes are installed at the same location at different mounting heights, install along a common vertical center line.
 - 10. Locate junction and pull boxes as indicated, as required to facilitate installation of conductors, and to limit conduit length and/or number of bends between pulling points in accordance with Section 26 05 33.13.
 - 11. Locate junction and pull boxes in the following areas, unless otherwise indicated or approved by the Architect:
 - a. NOT USED
 - b. Within joists in areas with no ceiling.
 - c. Electrical rooms.
 - d. Mechanical equipment rooms.
- H. Box Supports:
 - 1. Secure and support boxes in accordance with NFPA 70 and Section 26 05 29 using suitable supports and methods approved by the authority having jurisdiction.
 - 2. Provide independent support from building structure except for cast metal boxes (other than boxes used for fixture support) supported by threaded conduit connections in accordance with NFPA 70. Do not provide support from piping, ductwork, or other systems.
- I. Install boxes plumb and level.
- K. Install boxes as required to preserve insulation integrity.
- L. Install permanent barrier between ganged wiring devices when voltage between adjacent devices exceeds 300 V.
- N. Close unused box openings.
- O. Install blank wall plates on junction boxes and on outlet boxes with no devices or equipment installed or designated for future use.
- P. Provide grounding and bonding in accordance with Section 26 05 26.

3.02 CLEANING

- A. Clean interior of boxes to remove dirt, debris, plaster and other foreign material.

3.03 PROTECTION

- A. Immediately after installation, protect boxes from entry of moisture and foreign material until ready for installation of conductors.

END OF SECTION

SECTION 26 0553
IDENTIFICATION FOR ELECTRICAL SYSTEMS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Electrical identification requirements.
- B. Identification nameplates and labels.
- C. Wire and cable markers.
- D. Voltage markers.
- E. Underground warning tape.
- F. Warning signs and labels.

1.2 RELATED REQUIREMENTS

- A. Section 26 05 19 - Low-Voltage Electrical Power Conductors and Cables: Color coding for power conductors and cables 600 V and less; vinyl color coding electrical tape.
- B. Section 26 27 26 - Wiring Devices - Lutron: Device and wallplate finishes; factory pre-marked wallplates.

1.3 REFERENCE STANDARDS

- A. ANSI Z535.2 - American National Standard for Environmental and Facility Safety Signs 2011.
- B. ANSI Z535.4 - American National Standard for Product Safety Signs and Labels 2011.
- C. NFPA 70 - National Electrical Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- D. NFPA 70E - Standard for Electrical Safety in the Workplace 2018.
- E. UL 969 - Marking and Labeling Systems Current Edition, Including All Revisions.

1.4 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Verify final designations for equipment, systems, and components to be identified prior to fabrication of identification products.
- B. Sequencing:

1. Do not conceal items to be identified, in locations such as above suspended ceilings, until identification products have been installed.
2. Do not install identification products until final surface finishes and painting are complete.

1.5 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for each product.
- B. Shop Drawings: Provide schedule of items to be identified indicating proposed designations, materials, legends, and formats.

1.6 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.

1.7 FIELD CONDITIONS

- A. Do not install adhesive products when ambient temperature is lower than recommended by manufacturer.

PART 2 PRODUCTS

2.1 IDENTIFICATION REQUIREMENTS

- A. Identification for Equipment:
 1. Use identification nameplate to identify each piece of electrical distribution and control equipment and associated sections, compartments, and components.
 - a. Existing Panelboards:
 - 1) Provide new typewritten circuit directory to identify load(s) served for panelboards with a door.
- B. Identification for Conductors and Cables:
 1. Color Coding for Power Conductors 600 V and Less: Comply with Section 26 05 19.
 2. Use identification nameplate or identification label to identify color code for ungrounded and grounded power conductors inside door or enclosure at each piece of feeder or branch-circuit distribution equipment when premises has feeders or branch circuits served by more than one nominal voltage system.

3. Use wire and cable markers to identify circuit number or other designation indicated for power, control, and instrumentation conductors and cables at the following locations:
 - a. At each source and load connection.
 - b. Within boxes when more than one circuit is present.
 - c. Within equipment enclosures when conductors and cables enter or leave the enclosure.
4. Use wire and cable markers to identify connected grounding electrode system components for grounding electrode conductors.

C. Identification for Raceways:

1. Use voltage markers to identify highest voltage present for accessible conduits at maximum intervals of 20 feet (6.1 m).
2. Use identification labels, handwritten text using indelible marker, or plastic marker tags to identify circuits enclosed for accessible conduits at wall penetrations, at floor penetrations, at roof penetrations, and at equipment terminations when source is not within sight.
3. Use identification labels, handwritten text using indelible marker, or plastic marker tags to identify spare conduits at each end. Identify purpose and termination location.
4. Use underground warning tape to identify underground raceways.

D. Identification for Boxes:

1. Use voltage markers to identify highest voltage present.
2. Use identification labels or handwritten text using indelible marker to identify circuits enclosed.
 - a. For exposed boxes in public areas, use only identification labels.

E. Identification for Devices:

1. Wiring Device and Wallplate Finishes: Comply with Section 26 27 26.
2. Use identification label or engraved wallplate to identify serving branch circuit for all receptacles.
 - a. For receptacles in public areas or in areas as directed by Architect, provide identification on inside surface of wallplate.

3. Use identification label or engraved wallplate to identify load controlled for wall-mounted control devices controlling loads that are not visible from the control location and for multiple wall-mounted control devices installed at one location.

2.2 IDENTIFICATION NAMEPLATES AND LABELS

A. Identification Nameplates:

1. Materials:
 - a. Indoor Clean, Dry Locations: Use plastic nameplates.
 - b. Outdoor Locations: Use plastic, stainless steel, or aluminum nameplates suitable for exterior use.
2. Plastic Nameplates: Two-layer or three-layer laminated acrylic or electrically non-conductive phenolic with beveled edges; minimum thickness of 1/16 inch (1.6 mm); engraved text.
 - a. Exception: Provide minimum thickness of 1/8 inch (3 mm) when any dimension is greater than 4 inches (100 mm).
3. Stainless Steel Nameplates: Minimum thickness of 1/32 inch (0.8 mm); engraved or laser-etched text.
4. Aluminum Nameplates: Anodized; minimum thickness of 1/32 inch (0.8 mm); engraved or laser-etched text.
5. Mounting Holes for Mechanical Fasteners: Two, centered on sides for sizes up to 1 inch (25 mm) high; Four, located at corners for larger sizes.

B. Identification Labels:

1. Materials: Use self-adhesive laminated plastic labels; UV, chemical, water, heat, and abrasion resistant.
2. Text: Use factory pre-printed or machine-printed text. Do not use handwritten text unless otherwise indicated.

C. Format for Equipment Identification:

1. Minimum Size: 1 inch (25 mm) by 2.5 inches (64 mm).
2. Legend:
 - a. Equipment designation or other approved description.
3. Text: All capitalized unless otherwise indicated.

4. Minimum Text Height:
 - a. Equipment Designation: 1/2 inch (13 mm).
 - b. Other Information: 1/4 inch (6 mm).
5. Color:
 - a. Normal Power System: White text on black background.
- D. Format for Caution and Warning Messages:
 1. Minimum Size: 2 inches (51 mm) by 4 inches (100 mm).
 2. Legend: Include information or instructions indicated or as required for proper and safe operation and maintenance.
 3. Text: All capitalized unless otherwise indicated.
 4. Minimum Text Height: 1/2 inch (13 mm).
 5. Color: Black text on yellow background unless otherwise indicated.
- E. Format for Receptacle Identification:
 1. Minimum Size: 3/8 inch (10 mm) by 1.5 inches (38 mm).
 2. Legend: Power source and circuit number or other designation indicated.
 3. Text: All capitalized unless otherwise indicated.
 4. Minimum Text Height: 3/16 inch (5 mm).
 5. Color: Black text on clear background.
- F. Format for Control Device Identification:
 1. Minimum Size: 3/8 inch (10 mm) by 1.5 inches (38 mm).
 2. Legend: Load controlled or other designation indicated.
 3. Text: All capitalized unless otherwise indicated.
 4. Minimum Text Height: 3/16 inch (5 mm).
 5. Color: Black text on clear background.

2.3 WIRE AND CABLE MARKERS

- A. Markers for Conductors and Cables: Use wrap-around self-adhesive vinyl cloth, wrap-around self-adhesive vinyl self-laminating, heat-shrink sleeve, plastic sleeve, plastic

clip-on, or vinyl split sleeve type markers suitable for the conductor or cable to be identified.

- B. Markers for Conductor and Cable Bundles: Use plastic marker tags secured by nylon cable ties.
- C. Legend: Power source and circuit number or other designation indicated.
- D. Text: Use factory pre-printed or machine-printed text, all capitalized unless otherwise indicated.
- E. Minimum Text Height: 1/8 inch (3 mm).
- F. Color: Black text on white background unless otherwise indicated.

2.4 VOLTAGE MARKERS

- A. Markers for Conduits: Use factory pre-printed self-adhesive vinyl, self-adhesive vinyl cloth, or vinyl snap-around type markers.
- B. Markers for Boxes and Equipment Enclosures: Use factory pre-printed self-adhesive vinyl or self-adhesive vinyl cloth type markers.
- C. Minimum Size:
 - 1. Markers for Conduits: As recommended by manufacturer for conduit size to be identified.
 - 2. Markers for Pull Boxes: 1 1/8 by 4 1/2 inches (29 by 110 mm).
 - 3. Markers for Junction Boxes: 1/2 by 2 1/4 inches (13 by 57 mm).
- D. Legend:
 - 1. Markers for Voltage Identification: Highest voltage present.
- E. Color: Black text on orange background unless otherwise indicated.

2.5 UNDERGROUND WARNING TAPE

- A. Materials: Use non-detectable type polyethylene tape suitable for direct burial, unless otherwise indicated.
- B. Non-detectable Type Tape: 6 inches (152 mm) wide, with minimum thickness of 4 mil (0.1 mm).
- C. Legend: Type of service, continuously repeated over full length of tape.
- D. Color:

2.6 WARNING SIGNS AND LABELS

- A. Comply with ANSI Z535.2 or ANSI Z535.4 as applicable.
- B. Warning Signs:
 - 1. Materials:
 - 2. Minimum Size: 7 by 10 inches (178 by 254 mm) unless otherwise indicated.
- C. Warning Labels:
 - 1. Materials: Use factory pre-printed or machine-printed self-adhesive polyester or self-adhesive vinyl labels; UV, chemical, water, heat, and abrasion resistant; produced using materials recognized to UL 969.
 - 2. Machine-Printed Labels: Use thermal transfer process printing machines and accessories recommended by label manufacturer.
 - 3. Minimum Size: 2 by 4 inches (51 mm by 102 mm) unless otherwise indicated.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Install identification products to be plainly visible for examination, adjustment, servicing, and maintenance. Unless otherwise indicated, locate products as follows:
 - 1. Surface-Mounted Equipment: Enclosure front.
 - 2. Flush-Mounted Equipment: Inside of equipment door.
 - 3. Free-Standing Equipment: Enclosure front; also enclosure rear for equipment with rear access.
 - 4. Elevated Equipment: Legible from the floor or working platform.
 - 5. Branch Devices: Adjacent to device.
 - 6. Interior Components: Legible from the point of access.
 - 7. Conduits: Legible from the floor.
 - 8. Boxes: Outside face of cover.
 - 9. Conductors and Cables: Legible from the point of access.
 - 10. Devices: Outside face of cover.

- C. Install identification products centered, level, and parallel with lines of item being identified.
- D. Secure nameplates to exterior surfaces of enclosures using stainless steel screws and to interior surfaces using self-adhesive backing or epoxy cement.
- E. Install self-adhesive labels and markers to achieve maximum adhesion, with no bubbles or wrinkles and edges properly sealed.
- F. Install underground warning tape above buried lines with one tape per trench at 3 inches (75 mm) below finished grade.
- G. Mark all handwritten text, where permitted, to be neat and legible.

3.2 FIELD QUALITY CONTROL

- A. Replace self-adhesive labels and markers that exhibit bubbles, wrinkles, curling or other signs of improper adhesion.

A. END OF SECTION

**SECTION 31 1000
SITE CLEARING****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Clearing and protection of vegetation.
- B. Removal of existing debris.

1.02 RELATED REQUIREMENTS

- A. Section 01 5000 - Temporary Facilities and Controls: Site fences, security, protective barriers, and waste removal.
- B. Section 01 5713 - Temporary Erosion and Sediment Control.
- C. Section 01 7000 - Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products.
- D. Section 31 2200 - Grading: Topsoil removal.
- E. Section 31 2323 - Fill: Filling holes, pits, and excavations generated as a result of removal operations.

PART 2 PRODUCTS NOT USED**PART 3 EXECUTION****3.01 SITE CLEARING**

- A. Comply with other requirements specified in Section 01 7000.
- B. Minimize production of dust due to clearing operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or other pollution.

3.02 EXISTING UTILITIES AND BUILT ELEMENTS

- A. Protect existing utilities to remain from damage.
- B. Do not disrupt public utilities without permit from authority having jurisdiction.
- C. Protect existing structures and other elements that are not to be removed.

3.03 VEGETATION

- A. Do not remove or damage vegetation beyond the limits indicated on drawings.
- B. In areas where vegetation must be removed but no construction will occur other than pervious paving, remove vegetation with minimum disturbance of the subsoil.
- C. Vegetation Removed: Do not burn, bury, landfill, or leave on site, except as indicated.
 - 1. Chip, grind, crush, or shred vegetation for mulching, composting, or other purposes; preference should be given to on-site uses.
 - 2. Trees: Sell if marketable; if not, treat as specified for other vegetation removed; remove stumps and roots to depth of 18 inches (450 mm).
 - 3. Sod: Re-use on site if possible; otherwise sell if marketable, and if not, treat as specified for other vegetation removed.
- D. Restoration: If vegetation outside removal limits or within specified protective fences is damaged or destroyed due to subsequent construction operations, replace at no cost to owner.

3.04 DEBRIS

- A. Remove debris, junk, and trash from site.
- B. Leave site in clean condition, ready for subsequent work.
- C. Clean up spillage and wind-blown debris from public and private lands.

END OF SECTION

**SECTION 31 2200
GRADING****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Removal of topsoil.
- B. Rough grading the site for site structures.
- C. Finish grading.

1.02 RELATED REQUIREMENTS

- A. Section 31 1000 - Site Clearing.
- B. Section 31 2316 - Excavation.
- C. Section 31 2323 - Fill: Filling and compaction.
- D. Attachment A - Report of Geotechnical/Geologic Study, as prepared by LEIGHTON CONSULTING, INC., dated May 25, 2023.

1.03 SUBMITTALS

- A. Project Record Documents: Accurately record actual locations of utilities remaining by horizontal dimensions, elevations or inverts, and slope gradients.

PART 2 PRODUCTS**2.01 MATERIALS**

- A. Topsoil: See Section 31 2323.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify that survey bench mark and intended elevations for the Work are as indicated.
- B. Verify the absence of standing or ponding water.

3.02 PREPARATION

- A. Identify required lines, levels, contours, and datum.
- B. Stake and flag locations of known utilities.
- C. Provide temporary means and methods to remove all standing or ponding water from areas prior to grading.

3.03 ROUGH GRADING

- A. Remove topsoil from areas to be further excavated, re-landscaped, or re-graded, without mixing with foreign materials.
- B. Do not remove topsoil when wet.
- C. Remove subsoil from areas to be further excavated, re-landscaped, or re-graded.
- D. Do not remove wet subsoil, unless it is subsequently processed to obtain optimum moisture content.
- E. When excavating through roots, perform work by hand and cut roots with sharp axe.
- F. Stability: Replace damaged or displaced subsoil to same requirements as for specified fill.
- G. Remove and replace soils deemed unsuitable by classification and which are excessively moist due to lack surface water control.

3.04 FINISH GRADING

- A. Before Finish Grading:
 - 1. Verify building and trench backfilling have been inspected.
 - 2. Verify subgrade has been contoured and compacted.

- B. Remove debris, roots, branches, stones, in excess of 1/2 inch (13 mm) in size. Remove soil contaminated with petroleum products.
- C. In areas where vehicles or equipment have compacted soil, scarify surface to depth of 3 inches (75 mm).
- D. Fine grade topsoil to eliminate uneven areas and low spots. Maintain profiles and contour of subgrade.
- E. Maintain stability of topsoil during inclement weather. Replace topsoil in areas where surface water has eroded thickness below specifications.

3.05 FIELD QUALITY CONTROL

- A. See Section 31 2323 for compaction density testing.

END OF SECTION

**SECTION 31 2316
EXCAVATION****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Excavating for building volume below grade.
- B. Trenching for utilities outside the building to utility main connections.

1.02 RELATED REQUIREMENTS

- A. Section 01 5713 - Temporary Erosion and Sediment Control: Slope protection and erosion control.
- B. Section 31 1000 - Site Clearing: Vegetation and existing debris removal.
- C. Section 31 2323 - Fill: Fill materials, backfilling, and compacting.

1.03 REFERENCE STANDARDS

- A. 29 CFR 1926 - Safety and Health Regulations for Construction Current Edition.

PART 2 PRODUCTS**2.01 MATERIALS**

- A. Bedding and Fill to Correct Over-Excavation:
 - 1. See Section 31 2323 for bedding and corrective fill materials at general excavations.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify that survey bench mark and intended elevations for the work are as indicated.

3.02 PREPARATION

- A. Identify required lines, levels, contours, and datum locations.
- B. Locate, identify, and protect utilities that remain and protect from damage.
- C. Grade top perimeter of excavation to prevent surface water from draining into excavation. Provide temporary means and methods, as required, to maintain surface water diversion until no longer needed, or as directed by Architect.

3.03 EXCAVATING

- A. Excavate to accommodate new structures and construction operations.
- B. Notify Architect of unexpected subsurface conditions and discontinue affected Work in area until notified to resume work.
- C. Do not interfere with 45 degree bearing splay of foundations.
- D. Provide temporary means and methods, as required, to remove all water from excavations until directed by Architect. Remove and replace soils deemed suitable by classification and which are excessively moist due to lack of dewatering or surface water control.

3.04 PROTECTION

- A. Divert surface flow from rains or water discharges from the excavation.
- B. Prevent displacement of banks and keep loose soil from falling into excavation; maintain soil stability.
- C. Protect open excavations from rainfall, runoff, freezing groundwater, or excessive drying so as to maintain foundation subgrade in satisfactory, undisturbed condition.
- D. Protect bottom of excavations and soil adjacent to and beneath foundation from freezing.
- E. Keep excavations free of standing water and completely free of water during concrete placement.

END OF SECTION

**SECTION 31 2323
FILL****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Filling, backfilling, and compacting for building volume below grade, footings, slabs-on-grade, paving, and utilities within the building.
- B. Backfilling and compacting for utilities outside the building to utility main connections.
- C. Filling holes, pits, and excavations generated as a result of removal (demolition) operations.

1.02 RELATED REQUIREMENTS

- A. Section 01 5713 - Temporary Erosion and Sediment Control: Slope protection and erosion control.
- B. Section 31 2200 - Grading: Removal and handling of soil to be re-used.
- C. Section 31 2200 - Grading: Site grading.
- D. Section 31 2316 - Excavation: Removal and handling of soil to be re-used.

1.03 REFERENCE STANDARDS

- A. AASHTO T 180 - Standard Method of Test for Moisture-Density Relations of Soils using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop 2022, with Errata.
- B. ASTM D698 - Standard Test Methods for Laboratory Compaction Characteristics of Soil using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³)) 2012 (Reapproved 2021).
- C. ASTM D1556/D1556M - Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method 2015, with Editorial Revision (2016).
- D. ASTM D1557 - Standard Test Methods for Laboratory Compaction Characteristics of Soil using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³)) 2012 (Reapproved 2021).
- E. ASTM D2167 - Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method 2015.
- F. ASTM D2487 - Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System) 2017, with Editorial Revision (2020).

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data for Manufactured Fill.
- C. Materials Sources: Submit name of imported materials source.
- D. Fill Composition Test Reports: Results of laboratory tests on proposed and actual materials used, including manufactured fill.
- E. Compaction Density Test Reports.

1.05 DELIVERY, STORAGE AND HANDLING

- A. When necessary, store materials on site in advance of need.
- B. When fill materials need to be stored on site, locate stockpiles where indicated.
 - 1. Separate differing materials with dividers or stockpile separately to prevent intermixing.
 - 2. Prevent contamination.
 - 3. Protect stockpiles from erosion and deterioration of materials.

PART 2 PRODUCTS**2.01 FILL MATERIALS**

- A. General Fill: Subsoil excavated on-site.
 - 1. Graded.
 - 2. Free of lumps larger than 3 inches (75 mm), rocks larger than 2 inches (50 mm), and debris.

3. Complying with ASTM D2487 Group Symbol CL.
- B. Structural Fill: Subsoil excavated on-site.
 1. Graded.
 2. Free of lumps larger than 3 inches (75 mm), rocks larger than 2 inches (50 mm), and debris.
 3. Complying with ASTM D2487 Group Symbol CL.
- C. Concrete for Fill: Lean concrete. Compressive strength of 2,500 psi.
- D. Granular Fill: Coarse aggregate, complying with State of California Highway Department standard.
- E. Granular Fill - Pea Gravel: Natural stone; washed, free of clay, shale, organic matter.
 1. Grade in accordance with ASTM D2487 Group Symbol GM.
- F. Sand: Natural river or bank sand; free of silt, clay, loam, friable or soluble materials, and organic matter.
 1. Grade in accordance with ASTM D2487 Group Symbol SW.
- G. Topsoil: See Section 31 2200.

2.02 ACCESSORIES

- A. Geotextile: Non-biodegradable, woven.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Identify required lines, levels, contours, and datum locations.
- B. Verify areas to be filled are not compromised with surface or ground water.

3.02 PREPARATION

- A. Scarify and proof roll subgrade surface to a depth of 6 inches (150 mm) to identify soft spots.
- B. Cut out soft areas of subgrade not capable of compaction in place. Backfill with general fill.
- C. Compact subgrade to density equal to or greater than requirements for subsequent fill material.
- D. Until ready to fill, maintain excavations and prevent loose soil from falling into excavation.

3.03 FILLING

- A. Fill to contours and elevations indicated using unfrozen materials.
- B. Employ a placement method that does not disturb or damage other work.
- C. Systematically fill to allow maximum time for natural settlement. Do not fill over porous, wet, frozen or spongy subgrade surfaces.
- D. Maintain optimum moisture content of fill materials to attain required compaction density.
- E. Slope grade away from building minimum 2 inches in 10 feet (50 mm in 3 m), unless noted otherwise. Make gradual grade changes. Blend slope into level areas.
- F. Correct areas that are over-excavated.
 1. Other areas: Use general fill, flush to required elevation, compacted to minimum 97 percent of maximum dry density.
- G. Compaction Density unless otherwise Specified or Indicated:
- H. Reshape and re-compact fills subjected to vehicular traffic.
- I. Maintain temporary means and methods, as required, to remove all water while fill is being placed as required, or until directed by the Architect. Remove and replace soils deemed unsuitable by classification and which are excessively moist due to lack of dewatering or surface water control.

3.04 FILL AT SPECIFIC LOCATIONS

- A. Use general fill unless otherwise specified or indicated.

3.05 TOLERANCES

- A. Top Surface of General Filling: Plus or minus 1 inch (25 mm) from required elevations.

3.06 FIELD QUALITY CONTROL

- A. See Section 01 4000 - Quality Requirements, for general requirements for field inspection and testing.
- B. Soil Fill Materials:
 - 1. Evaluate results in relation to compaction curve determined by testing uncompacted material in accordance with ASTM D698 (standard Proctor), ASTM D1557 (modified Proctor), or AASHTO T 180.
 - 2. If tests indicate work does not meet specified requirements, remove work, replace and retest.

3.0 CLEANING

- A. See Section 01 7419 - Construction Waste Management and Disposal, for additional requirements.
- B. Remove unused stockpiled materials, leave area in a clean and neat condition. Grade stockpile area to prevent standing surface water.
- C. Leave borrow areas in a clean and neat condition. Grade to prevent standing surface water.

END OF SECTION

**SECTION 32 1623
SIDEWALKS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Concrete sidewalks.

1.02 REFERENCE STANDARDS

- A. ACI PRC-211.1 - Selecting Proportions for Normal-Density and High Density-Concrete - Guide 2022.
- B. ACI PRC-305 - Guide to Hot Weather Concreting 2020.
- C. ACI PRC-306 - Guide to Cold Weather Concreting 2016.
- D. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete 2022.
- E. ASTM C33/C33M - Standard Specification for Concrete Aggregates 2018.
- F. ASTM C94/C94M - Standard Specification for Ready-Mixed Concrete 2022a.
- G. ASTM C309 - Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete 2019.
- H. ASTM C1315 - Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete 2019.
- I. ASTM D1751 - Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) 2018.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data:
 - 1. Concrete: Provide data on admixtures.
- C. Design Data: Indicate pavement thickness, design strength, reinforcement, and typical details.
- D. Weather Data: Records during placement of asphalt or concrete, including date, location of placement, quantity, and air temperature.

1.04 FIELD CONDITIONS

- A. Temperature Requirements: Do not place asphalt when ambient air or base surface temperature is less than 40 degrees F (4 degrees C), or surface is wet or frozen.
- B. Follow recommendations of ACI PRC-305 and ACI PRC-306 when concreting during hot and cold weather, respectively.

PART 2 PRODUCTS**2.01 CONCRETE SIDEWALKS**

- A. Concrete Forms: Wood.
- B. Concrete Materials: Comply with ASTM C94/C94M.
- C. Aggregate: Angular Crushed, washed, 3/8 inch (1 cm) stone; free of shale, clay, friable material and debris.
- D. Reinforcement:
 - 1. Steel Welded Wire Reinforcement: ASTM A1064/A1064M, plain type, flat sheets, unfinished.
- E. Curing Compound: Synthetic, Type 1, Class A, according to ASTM C309.
- F. Surface Sealer: Topical, Type 1, Class A, according to ASTM C1315.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify gradients and elevations of the subgrade are correct as shown on drawings. Where poor subgrade material is encountered, remove and replace with suitable material.
- B. Verify compacted subgrade is acceptable, ready to support imposed loads and paving, and ready to receive work.

3.02 SUBBASE PREPARATION

- A. Maintain subgrade in a smooth, compacted condition with required section and established grade until concrete is placed.

3.03 CONCRETE SIDEWALK

- A. Forming:
 - 1. Assemble formwork to permit easy stripping and dismantling without damaging concrete.
 - 2. Sidewalk Forms: Place and secure forms to location, dimension, profile, and gradient shown on drawings. Height equal to the full depth of the finished sidewalk.
- B. Reinforcement:
 - 1. Place wire-mesh reinforcement mid-height of forms.
- C. Placement:
 - 1. Place concrete in a single lift.
 - 2. Consolidate concrete by tamping and spading.
 - 3. Install work in accordance with Municipality of San Bernardino County Public Works.
- D. Joints:
 - 1. Spacing: Provide scored joints every 5 feet (1.5 m).
 - 2. Filler height equal to the full depth of the finished concrete.
- E. Finishing:
 - 1. Sidewalk Paving: Light broom, texture perpendicular to direction of travel with troweled and radiused edge, 1/4 inch radius (6 mm radius).
 - 2. Place curing compound on exposed concrete surfaces immediately after finishing. Apply in accordance with manufacturer's instructions.
 - 3. Place surface sealer on exposed concrete surfaces after hardening. Apply in accordance with manufacturer's instructions.

3.04 TOLERANCES

- A. Surface Flatness: 1/4 inch (6 mm), maximum, measured with 10 foot (3 m) straight edge.
- B. Variation from True Position: 1/4 inch (6 mm), maximum.

3.05 PROTECTION

- A. Immediately after placement, protect sidewalk from premature drying, excessively hot or cold temperatures, and mechanical injury.
- B. Do not permit pedestrian traffic over sidewalk for 7 days minimum after finishing.

END OF SECTION