



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS
SPECIAL DISTRICTS

ADDENDUM NO. 1

**TO THE BIDDING REQUIREMENTS, CONTRACT DOCUMENTS, GENERAL CONDITIONS,
SPECIAL CONDITIONS, AND TECHNICAL SPECIFICATIONS FOR THE
COUNTY SERVICE AREA 70
R-9 RIM FOREST ROAD PAVING PROJECT
PROJECT NO.: 30.30.0178**

July 24, 2024

The Contract Documents for the above referenced project are hereby amended in the following manner and the following manner only:

- I. All provisions of this Addendum No. 1 are hereby incorporated into the Contract Documents, and Bidders shall account for all provisions pursuant to this Addendum No. 1 in submitting their bid proposals. **Each Bidder shall include a dated and signed copy of this Addendum with their sealed bid proposal.**

SECTION A – BIDDING REQUIREMENTS

Contractors are advised of the following change as it appears within Section A., Bidding Requirements, of the Specifications:

1. Under ADVERTISEMENT FOR BIDS:
Contractors are advised to replace Pages AB – 1 and AB - 2 with attached Pages AB – 1 and AB – 2 that identifies the updated SCOPE OF WORK.
2. Under Instructions to Bidders, 3. SUBMITTING THE BID PROPOSAL:
Contractors are advised to replace the section that begins “C. Opening of Bids:” with the following:
 - C. Opening of Bids: Bids will be publicly opened in person and/or via virtual link at the Department’s Administrative Office, 222 W. Hospitality Lane, 2nd Floor, San Bernardino, California, 92415. Due to the Covid-19 pandemic and to ensure compliance with social distancing requirements, the bid opening will also 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 Microsoft Teams Meeting ID Number and Passcode are as follows:

Meeting ID: 212 585 773 502

Passcode: 2Ao9Y4

Link: [Join the meeting now](#)

3. Under Instructions to Bidders, 7. LOWEST RESPONSIBLE BIDDER:
Contractors are advised to replace the paragraph that begins “The contract shall be awarded...” with the following:

The District shall determine the low bid pursuant Public Contract Code Section 20103.8(b). The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that were specifically identified in the bid solicitation as being used for the purpose of determining the lowest bid price. The responsible bidder who submitted the lowest bid as determined by this section shall be awarded the contract, if it is awarded. This section does not preclude the District from adding to or deducting from the contract any of the additive or deductive items after the lowest responsible bidder has been determined. In order to be deemed responsive, the bidder must list, in the bid forms, at least three (3) projects with similar size and scope of work that it has completed over the last five years.

4. Under BID PROPOSAL:
Contractors are advised to replace Pages BP – 1 through BP - 8 with attached Pages BP – 1 through BP – 9 that identifies an updated ITEMIZED BID PROPOSAL that includes ADDITIVE No. 1.

SECTION F – TECHNICAL SPECIFICATIONS

Contractors are advised to replace Pages TS – 1 through TS – 15 with attached Pages TS – 1 through TS – 15 that identifies Lake Arrowhead Community Services District supplied materials of sewer manhole/clean-out covers and valve cans, and updated Asphalt Performance Grade.

The above items modify the informal bid documents in the manner prescribed and in that manner only. All other contract items will remain as originally intended. Contractor will sign/date this addendum and submit with their bid as acknowledgement of receiving and complying with this addendum.

ISSUE DATE: JULY 24, 2024

Date Acknowledged by Bidder: _____

By: _____

John Hernandez, Project Manager
Department of Public Works - Special Districts
Project Management Division

By: _____

Bidders Company Name

Bidders Signature

Enclosures:

- ADVERTISEMENT FOR BIDS: Pages AB – 1 and AB – 2
- BID PROPOSAL: Pages BP – 1 through BP -9
- SECTION F – TECHNICAL SPECIFICATIONS: Pages TS – 1 through TS - 15
- Mandatory Pre-Bid Meeting Sign-In Sheet

**ADVERTISEMENT FOR BIDS
FOR
COUNTY SERVICE AREA 70 R-9 RIM FOREST ROAD PAVING PROJECT**

Notice is hereby given that the Department of Public Works – Special Districts (Department), on behalf of the Governing Board for COUNTY SERVICE AREA 70 R-9 (District), will receive sealed bids for the **COUNTY SERVICE AREA 70 R-9 RIM FOREST ROAD PAVING PROJECT** on or before **July 29, 2024 at 10:00 AM** at their office at **222 W. Hospitality Lane, 2nd Floor, San Bernardino, California, 92415-0450**, at which time the bids will be publicly opened. Bids received after this time will be returned unopened. Bids shall be valid for 60 calendar days after the bid opening date.

SCOPE OF WORK: Contractor shall provide all supervision, labor, equipment, materials, and transportation necessary to complete the Project that includes: pulverizing 70,200 square feet of existing asphalt roadways, grade, shape, compact and pave with compacted hot mix asphalt, adjust existing valve cans and sewer manholes/clean-outs to grade, including sweeping, clean up, traffic control and all other work necessary to satisfactorily complete this project as shown on the Bid Documents, including Specifications and Project Exhibits. Lake Arrowhead Community Services District (LACSD) will provide sewer covers for manhole and cleanout, grade rings, and valve cans. Contractor is responsible for installing the LACSD provided materials. Contact Nathan Porter, LACSD Field Operations Manager, at (909) 336-7134

Bids can be submitted through the County Electronic Procurement Network (ePro) at <https://epro.sbcounty.gov/epro/> (**however, if the bid is submitted in ePro, the bidder’s security described herein must still be submitted in person in a sealed envelope prior to the proposal opening date and time**) or in person at the Department. If the bid is submitted through ePro, the bidder acknowledges that its electronic signature is legally binding. **All bidders must register with the ePro system prior to the date and time to receive sealed bids or they will be disqualified. Late or incomplete bids will be considered nonresponsive.** A “complete” bid is defined as a bidder’s submittal that includes all bid documents (i.e., the bid / proposal, bidder’s security in a separately sealed envelope, and any other bid documents required for the project). System-related issues in ePro shall be directed to Vendor support at ePro.Vendors@buyspeed.com or at (855) 800-5046. For procurement questions involving ePro, please contact the Purchasing Department at (909) 387-2060.

PLEASE NOTE: All bidders and subcontractors, must be registered with: 1) the Department of Industrial Relations (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)); and 2) the County’s ePro system prior to the date and time to receive sealed proposals or they will be disqualified. The lowest responsive and responsible bidder and its subcontractors must also be registered with the Department of Industrial Relations at the time of award of the contract and must remain registered throughout the term of the contract pursuant to Labor Code section 1771.1. For more information on the requirements of Labor Code section 1771.1, please see <http://www.dir.ca.gov/Public-Works/SB854.html>.

A Mandatory Pre-bid meeting will start at 10:00 AM on July 18, 2024 near the project site at the intersection of Bear Springs Road and Valley View Drive, Rim Forest California 92378. BIDS SUBMITTED BY FIRMS NOT ATTENDING THE MANDATORY PRE-BID

MEETING WILL BE REJECTED AS NONRESPONSIVE.

Each bidder shall be a licensed contractor pursuant to the Business and Professions Code and shall be licensed in the following classification of contractor's license, for the work bid upon, and must maintain the license throughout the duration of the contract: California Class 'A' License or Class C-12 (Earthwork and Paving) Contractor's License. In order to be deemed responsive, the bidder must list, in the bid forms, at least three (3) projects of similar size and scope that it has completed over the last five years.

The Bid Documents, including Specifications, are available at no cost to the bidder from the ePRO Website at <https://epro.sbcounty.gov/bs/>.

This Project is subject to California Prevailing Wage requirements. Copies of the prevailing wage rates are on file at the Department and shall be made available to any interested party on request. Copies are also included in the Bid Documents. A copy of these rates shall be posted by the successful bidder at the job site.

Bids must be accompanied by cash, a certified or cashier's check, or a bid bond in favor of the District in an amount not less than ten percent (10%) of the submitted total bid price.

The successful bidder will be required to furnish the District with a Performance Bond and a Payment Bond, each equal to 100% of the successful bid, prior to execution of the contract. All bonds are to be secured from a surety that meets all of the State of California bonding requirements, as defined in Code of Civil Procedure Section 995.120, and is admitted by the State of California.

Pursuant to Public Contract Code Section 22300, the successful bidder may substitute certain securities for funds withheld by the District to ensure its performance under the Contract.

The District shall award the Contract for the Project to the lowest responsible bidder as determined from the base bid by the District. The District 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 contact **John Hernandez, Project Manager at (909) 386-8847 or email john.hernandez@dpw.sbcounty.gov.**

By order of the Governing Board of the District at San Bernardino, California.

John Hernandez, Project Manager
Department of Public Works - Special Districts

BID PROPOSAL

PROJECT: COUNTY SERVICE AREA 70 R-9 RIM FOREST PAVING PROJECT

LOCATION: RIM FOREST, CALIFORNIA

OWNER: COUNTY SERVICE AREA 70 R-9

BID OPENING DATE: July 29, 2024 @ 10:00 AM

**MANDATORY PRE-BID MEETING DATE: July 18, 2024 @ 10:00 AM near the project site at
the intersection of Bear Springs Road and Valley View Drive.**

**BID OPENING LOCATION: DEPARTMENT OF PUBLIC WORKS – SPECIAL DISTRICTS
222 HOSPITALITY LANE, 2nd FLOOR
SAN BERNARDINO, CA, 92415-0450**

COUNTY SERVICE AREA 70 R-9 RIM FOREST (“District”)

In compliance with the Bid Documents, the undersigned has carefully examined the drawings and other documents on file with the Clerk of the Board, for the **COUNTY SERVICE AREA 70 R-9 RIM FOREST PAVING PROJECT** at RIM FOREST, California, and fully understands the scope and meaning of the bid documents and has attended the **Mandatory pre-bid meeting**. The undersigned has also examined the site of the proposed work and is familiar with the local conditions at the place where the work is to be done.

ITEMIZED BID SHEET

In the blanks provided, fill in the unit prices at which you propose to accomplish the work including all labor, materials, tools, apparatus, facilities, transportation, equipment, methods and procedures necessary to fully complete the work. Prices are inclusive of all applicable taxes, fees, bonds, insurance and required compensation pursuant to the laws of the State of California and San Bernardino County.

When discrepancies occur between words and figures, the words shall govern. When discrepancies occur between itemized bid and total bid, the detailed item shall govern. 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. Bidders are advised that they must include a proportional amount of overhead, profit, etc. within these bid amounts.

CONTRACTOR: _____

ITEMIZED BID PROPOSAL

| ITEMIZED BID SCHEDULE: BASE BID (Lakeview Dr, Scenic Way, Valley View Dr) | | | | | |
|--|---|------------|-------------|------------------|------------------------|
| ITEM | DESCRIPTION | QTY | UNIT | UNIT COST | TOTAL EXTENSION |
| 1 | Mobilization, Demobilization, Bonds and Insurance | 1 | LS | | \$ |
| 2 | Pulverize Existing Roadway (Lakeview Dr, Scenic Way, Valley View Dr) | 64,125 | SF | | \$ |
| 3 | Shape, Grade and Compact existing roadways after pulverization | 64,125 | SF | | \$ |
| 4 | Pave with 3" Compacted HMA (PG 64-16) 1/2" maximum – medium grading per typical sections indicated on Sheet 3 of the exhibits | 64,125 | SF | | \$ |
| 5 | Adjust Existing Valve Cans to Grade per Purveyor's Requirements | 13 | EA | | \$ |
| 6 | Sawcut and join existing pavement per detail on Sheet 5 | 120 | LF | | \$ |
| 7 | Feather overlay at all existing driveways and roadside parking areas per Pavement Edge Treatment Detail on Sheet 4 | 1 | LS | | \$ |
| 8 | Adjust existing sewer manhole/clean-out to grade per Sewer Purveyor's Requirement | 27 | EA | | \$ |
| 9 | Traffic Control | 1 | LS | | \$ |
| 10 | Video Log (Pre and Post-Construction) | 1 | LS | | \$ |
| TOTAL BASE BID | | | | | \$ |

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 District, at the following cost(s):

Total Base Bid of Items 1-10 \$ _____ (Dollars)

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

| ITEMIZED BID SCHEDULE: ADDITIVE No. 1 (Hazel Pl, Park Pl, Scenic Pl) | | | | | |
|---|---|------------|-------------|------------------|------------------------|
| ITEM | DESCRIPTION | QTY | UNIT | UNIT COST | TOTAL EXTENSION |
| 1 | Pulverize Existing Roadway (Hazel Pl, Park Pl, Scenic Pl) | 6,075 | SF | | \$ |
| 2 | Shape, Grade and Compact existing roadways after pulverization | 6,075 | SF | | \$ |
| 3 | Pave with 3" Compacted HMA (PG 64-16) ½" maximum – medium grading per typical sections indicated on Sheet 3 of the exhibits | 6,075 | SF | | \$ |
| 4 | Adjust Existing Valve Cans to Grade per Purveyor's Requirements | 5 | EA | | \$ |
| 5 | Feather overlay at all existing driveways and roadside parking areas per Pavement Edge Treatment Detail on Sheet 4 | 1 | LS | | \$ |
| 6 | Adjust existing sewer manhole/clean-out to grade per Sewer Purveyor's Requirement | 7 | EA | | \$ |
| 7 | Traffic Control | 1 | LS | | \$ |
| TOTAL ADDITIVE No. 1 BID | | | | | \$ |

Total Additive No. 1 Bid of Items 1-7 \$ _____ (Dollars)

The above-mentioned ADDITIVE No. 1 BID includes applicable California state sales tax, bonds, fees, insurance, and all other costs required to perform all the work described in the project drawings and specifications.

Total: Base Bid + Additive No. 1 Bid: \$ _____ (Dollars)

The quantities listed in the Itemized Bid Proposal are only an estimate for each of the items. The actual quantities encountered may be different and compensation will be based on the unit prices established above. In case of discrepancies between the "Unit Cost" and the "Total Extension", the "Unit Cost" shall prevail.

The District requires bids to include prices for items that may be added to, or deducted from, the scope of work in the contract for which the bid is being submitted. Pursuant to Public Contract Code Section 20103.8(b), for the purpose of determining the lowest bid price, **the District shall determine the low bid to be the lowest total of the bid prices on the Total Base Bid Plus Total Additive No. 1 Bid. (Total Base Bid + Total Additive No. 1 Bid).**

If awarded, the contract shall be awarded to the lowest responsive, responsible bidder. This Section does not preclude the District from adding to or deducting any of the additive or deductive items after the lowest responsible bidder has been determined. **Failure to provide a cost for the additive or deductive bid items shall render the bid non-responsive.**

BID DEPOSIT

There is enclosed herewith, a certified check or surety bond in the amount of ten percent (10%) of the TOTAL BASE BID, or, more specifically, _____

Dollars

(\$ _____), made payable to the District. 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 District. If the bid is accompanied by a certified or cashier's check, the check shall be deposited by District, and a District warrant for the full amount shall be issued to the undersigned within sixty (60) days from the time the Contract award is made by the District.

If the bid is submitted through the 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: Department of Public Works – Special Districts, 222 W. Hospitality Lane, Second Floor, San Bernardino, California, 92415-0450. **Any mailed or submitted bid security must be received on or before the time set for the opening of the bids.**

TIME

If the proposal is accepted, the undersigned agrees to execute the required agreement and furnish complete insurance certificates with all endorsements along with the returned signed agreements within ten (10) calendar days of the District providing the Contract to bidder. The undersigned agrees to supply the required bonds within ten (10) calendar days from the date of the execution of the Contract.

TIME OF COMPLETION

The undersigned agrees to complete the Work in **30 CALENDAR DAYS** after the "Notice to Proceed" is issued by the District. Refer to Bid Package for additional information and completion schedule requirements.

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 District the sum of **\$1,500.00 per calendar day** for each calendar day the work remains incomplete. The sum shall be deducted from any payments due or to become due to Contractor or if that sum is insufficient will be paid by Contractor to District. (See General Conditions.)

REJECTION OF BIDS

The undersigned agrees that the District reserves the right to reject any or all bids, and reserves the right to waive informalities in a bid 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 60 days after the bid opening.

STATE LICENSES

The undersigned hereby certifies that it is currently the holder of a valid California Class 'A' (General Engineering) or Class 'C-12' (Earthwork and Paving) contractor's 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 a 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 undersigned and District 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 the General Conditions. The undersigned agrees to provide the Certificates of Insurance and Endorsements to District at the time Contractor executes the contract. All policies (excluding Workers' Compensation) shall name the District and as additional insureds. All coverage shall be subject to approval by the District for adequacy of protection.

BONDS AND CONTRACT

The undersigned agrees to execute the required standard contract and to furnish the District with a satisfactory labor and material bond and faithful performance bond, each bond in an amount equal to 100% of the Contract Sum. The bonds shall be secured from a surety company, or surety companies, satisfactory to the District within ten (10) calendar days of the contract award and shall be on District approved bond forms.

DEPOSIT SECURITIES

Contractor may upon written request, and at their expense and after approval by the District, deposit substitute securities as described in Public Contract Code section 22300, in lieu of retention monies withheld to insure performance.

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

VISITING THE SITE

The undersigned has thoroughly examined the drawings, specifications and signed addenda (if any), has visited the site and is thoroughly familiar with the contents and all of the conditions thereof.

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of Section 4100-4108 of the Public Contract Code of the State of California, and any amendments thereof, the undersigned shall list on the designated form, the name, location of the place of business, the California contractor license number and the Department of Industrial Relations registration number of each proposed subcontractor who will perform work or labor or render services to the principal Contractor in an amount greater than one-half of one percent (.5%) of the total bid; and shall state the portions of the Work which will be done by each such 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 Governing Board of the District.

The undersigned certifies that all subcontractor(s) listed 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 have registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. 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. The undersigned acknowledges that the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

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."

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 4100-4108) by the awarding authority, or a duly appointed hearing officer, the Director of Special Districts or his/her designee, shall prepare and certify a statement of costs incurred by the District 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 Department of Public Works - Special Districts, or his/her designee.

The statement of costs shall be sent to the undersigned, who shall reimburse the District 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.

ADDENDA:

If any addendums are issued during the bid solicitation period, bidder shall be responsible for ensuring that they have received all addenda issued for the Project. The submittal of a bid shall be deemed to be based on the Bid Documents, as modified and/or clarified by any and all addenda.

DECLARATION

The undersigned has submitted with the bid proposal a non-collusion declaration, signed under penalty of perjury. The undersigned agrees to furnish the District 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 principles 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 District, 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:(_____)_____ Fax No.: (_____) _____

Contractor's License No.:_____ Primary Class _____

Expiration Date of Contractor's License _____

DIR Registration # _____

Federal Employee ID No.: _____

E-mail Address: _____

1. Attached is the required bid security in the amount of not less than 10% of the Total Bid Price.
2. Attached is the fully executed Non-Collusion Declaration form.
3. Attached is the completed Designation of Subcontractors form.
4. Attached is the completed Bidder Information Form.
5. Attached is the completed Iran Contracting Act Certification.

I hereby certify under penalty of perjury under the laws of the State of California that all of the information submitted in connection with this Bid and all of the representations made herein are true and correct.

Authorized Signature: _____ Title: _____

Print Name: _____ Date: _____



SECTION F

TECHNICAL SPECIFICATIONS

COUNTY SERVICE AREA 70 R-9 RIM FOREST ROAD PAVING PROJECT

FOR

**COUNTY SERVICE AREA (CSA) 70 R-9
RIM FOREST, CALIFORNIA**

TECHNICAL SPECIFICATIONS

COUNTY SERVICE AREA 70 R-9 RIM FOREST **ROAD PAVING PROJECT**

DIVISION 01000 - GENERAL REQUIREMENTS

01000.01 DESCRIPTION OF WORK

The Contractor shall furnish, in accordance with these Specifications and Drawings, all plant, labor, equipment, and materials required for the grading, placing, compacting and paving of existing roads, adjusting existing valve cans and sewer manholes/clean-outs to grade and placement of drainage as indicated in these specifications and project exhibits.

The work consists of preparing the existing dirt road; pulverizing existing asphalt re-using the grindings by placing them and using them as base surfacing; and placing new asphalt pavement (PG 64-16) to a compacted thickness of 3 inches on prepared subgrade/base. Restore all driveway transitions, intersections and drainage flow lines. Roads will generally follow a 2% cross fall in one direction of pavement with the exception of drain crossings where the pavement will cross slope to the down-stream-side. Width of road averages 14.5 feet.

01000.02 COMPLETION OF WORK

All work under this project shall be completed within 30 calendar days after the date of written Notice to Proceed issued by the Owner.

01000.03 WORKING SPACE

The Contractor shall limit his work activities, including the temporary storage of materials and excavated dirt inside any Owner's rights-of-way and temporary construction easements. Where not shown on the Drawing and within street rights-of-ways, the Contractor shall limit the area to be disturbed and shall keep streets open for local traffic at all times. The Contractor shall coordinate with Property Owners and the District in scheduling of work tasks to avoid possible interference during construction activity. Emergency access shall always be made available to residents, emergency personnel and/ or their equipment. Contractor may acquire with separate written permission by any land-owner to temporarily store materials and/or equipment on their property. This shall be done without any cost or compensation by the District.

01000.04 PRECONSTRUCTION MEETING

Following award of contract but prior to commencement of work, the Contractor shall meet with the Representatives of the Office of Special Districts and County Service Area 70 R-9 staff and shall furnish the following items:

- A schedule of completing the principal items of work.
- A list of names, titles, addresses, and telephone numbers of the Contractor's responsible personnel indicating those who may be reached outside of the normal working hours for

emergency purposes.

01000.05 CONSTRUCTION UTILITIES

- (a) **POTABLE WATER:** All drinking water on the site during construction shall be furnished by the Contractor and shall be bottled water or water furnished in approved dispensers.
- (b) **CONSTRUCTION WATER:** The Contractor shall obtain construction water at no cost to the District. Water shall be obtained from the appropriate water jurisdiction providing water to the specific project area. Any meter charges, permits or costs associated with construction water are at the expense of the contractor.
- (c) **SANITARY FACILITIES:** The Contractor shall provide adequate temporary toilet and washing facilities for his workmen. The Contractor shall maintain such facilities in a sanitary condition throughout the construction period. After construction is complete, the temporary facilities shall be removed and the premises disinfected, as required.

01000.06 PERMITS AND LICENSE

As the roads are in the jurisdiction of the District, encroachment and construction permits are waived. At his own expense, the Contractor shall apply and obtain all other permits and licenses required for the execution of work under this Contract such as moving permits required by CALTRANS, County Transportation Department, etc.

Water Pollution Control

Description – Water Pollution Control shall include preparing and implementing the erosion control BMPs during construction. The identified BMPs shall be practices designed to minimize or eliminate the discharge of pollutants from the construction site and Contractor's construction activities, including, but not limited to:

1. Good housekeeping practices for solid and sanitary/septic waste management, vehicle and equipment cleaning/maintenance, and material handling and storage.
2. Construction procedures such as stabilized construction access points, scheduling/phasing to minimize areas of soil disturbance, soil stabilization and erosion/sediment control.

Payment - Full compensation for water pollution control, including furnishing all labor, materials, tools, equipment and incidentals for doing all the work involved in developing, preparing, and installing, constructing, maintaining, removing and disposing of BMPs, as specified in the CASQA Handbooks and Sample Contractor's Water Quality CSMP, General Permit and these Detailed Specifications, and as directed by the District and shall be included in the prices paid for **various contract items** of work and no additional compensation will be allowed therefore.

01000.07 PROTECTION OF EXISTING UTILITIES

The Contractor shall exercise his best effort and care to protect existing utilities (water lines, gas mains, sewer lines and manholes/clean-outs, power poles, etc.) against damage from his operations. All damages shall be repaired by the Contractor at his own expense. Contractor shall raise all water and gas valve cans during course of paving and set the cans to final grade. Contractor shall contact

Underground Service Alert at least 48 hours prior to commencement of any work, (800) 422-4133. No additional compensation will be paid to the Contractor for the delay or loss of efficiency due to having to coordinate his work with that of the utilities.

01000.08 ACCIDENT PREVENTION

It shall be required that precautions shall be exercised at all times for the protection of any and all persons (including employees) and property and that the safety provisions of applicable laws, building, construction and traffic codes shall be observed and that all machinery, equipment, and all hazards shall be guarded or eliminated in accordance with the safety provisions of the Manual of Accident Prevention in Construction published by the Associated General Contractor of America, to the extent that such provisions are not in contravention of applicable laws.

01000.09 CONSTRUCTION STAKING

The Contractor shall preserve all existing lot, property or survey stakes, markers, or monuments as they exist in the field. The Contractor shall be responsible for the disturbance, removal, or covering of existing lot stakes and shall at his own expense pay for all costs incurred for the proper replacement of said lot stakes or monuments. Pursuant to Business and Professions Code, Sections 8700 to 8805 of the Land Surveyor's Act, specifically Section 8771(b), only Licensed Land Surveyor or Registered Civil Engineer of the State of California shall be employed to restore or replace the disturbed property monuments. Tying-out the disturbed monuments by the contractor will not be acceptable as a permanent solution.

01000.10 MATERIALS

Contractor shall use only new materials contemplated for the execution of the work. Asphalt shall be plant batched with the proper ratio of oil, aggregate, sand and any other binder material needed as specified in section 02610. Materials shall be delivered in a timely manner to avoid cooling; placed by proper paving machines that are self-propelled, having heated screed bars and are in good working condition; rolled at least three times with a minimum of 8-ton steel drum rollers to achieve proper compaction. Material cut sheets shall be supplied by the batch plant and presented to Engineer for approval prior to commencement of the work.

01000.11 COMPACTION TESTING

If necessary, District shall employ and pay for the services of a soil engineer to take appropriate compaction tests in the preparation of fill areas and the base/subgrade and ensure that the relative compaction is maintained throughout the work area and is at least a 95% on all subgrade surface and all base section. Minimum amount of tests shall be at 500 foot intervals unless failing tests are obtained at which additional tests will be taken at least within 100 feet of such failing test(s) after the area has been satisfactorily re-worked. Any re-tests of failed areas shall be borne and paid for by the contractor.

01000.12 ADJUST SEWER MANHOLE/CLEAN-OUT TO FINAL GRADE

Adjust existing sewer manhole/clean-out to grade per sewer purveyor's requirement. Contractor shall include all work necessary to adjust the sanitary sewer manhole/clean-out rim and cover from its current grade to the final grade shown per the specifications, project exhibits, and San Bernardino County Special Districts Water and Sewer Standards and requirements.

Adjust existing sewer manhole/clean-out to grade per sewer purveyor's requirement shall include excavation and backfill and adjusting the sanitary sewer manhole/clean-out to final grade elevations in accordance with San Bernardino County Special Districts Water and Sewer Standards requirements and Lake Arrowhead Community Services District (LACSD) Standards requirements.

Work includes all correspondence with LACSD requirements for completion of the work. No additional compensation will be paid to the Contractor for the delay or loss of efficiency due to having to coordinate his work with Lake Arrowhead Community Services District.

The contract unit price paid for "**Adjust existing sewer manhole/clean-out to grade per Sewer Purveyor's Requirement**" shall include the per each price to include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in adjusting the manhole/clean-out, complete in place, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer with no additional compensation allowed. LACSD will provide sewer covers for manhole and cleanout, grade rings, and valve cans. Contractor is responsible for installing the LACSD provided materials.

Contact Nathan Porter, LACSD Field Operations Manager, at (909) 336-7134

01000.13 ADJUST VALVE COVER TO FINAL GRADE

Adjust Valve Cover to Final Grade shall include all work necessary to adjust the valve box from its current location to the final location and grade in accordance with the purveyor's standard plans and specifications and these specifications.

Adjust Valve Cover to Final Grade shall include excavation and backfill and adjusting the valve box to final grade elevations in accordance with the purveyor's standards and requirements. Work also includes coordination with LACSD, or any other purveyor's, requirements for the completion of the work.

The contract unit price paid for "**Adjust Existing Valve Cans to Grade per Purveyor's Requirements**" shall include the per each price to include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in adjusting the valve cover to grade, complete in place, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer with no additional compensation allowed. LACSD will provide sewer covers for manhole and cleanout, grade rings, and valve cans. Contractor is responsible for installing the LACSD provided materials.

Contact Nathan Porter, LACSD Field Operations Manager, at (909) 336-7134

01000.14 VIDEO LOG (PRE AND POST-CONSTRUCTION)

Video Log (Pre and Post-Construction) shall include all work necessary to document the condition of the construction site both before and after the construction process. This log serves as a visual record to track any changes, damages, or incidents that occur during the construction period.

PRE-CONSTRUCTION - Prior to the commencement of construction activities, the Contractor shall create a comprehensive video log of the entire construction site and its surrounding areas. This video log shall capture the existing conditions of the site, including but not limited to: Structures, Terrain, Vegetation, Utilities, Access points and Adjacent properties. The video log shall be recorded in high definition and shall provide clear documentation of the existing conditions. The Contractor shall ensure that all relevant areas are adequately covered in the video log.

POST-CONSTRUCTION - Upon completion of the construction project, the Contractor shall conduct another comprehensive video log of the construction site and its surroundings. This post-construction video log shall capture any changes, damages, or alterations that have occurred during the construction process. The video log shall include, but not be limited to, the following: Completed structures, Landscaping changes, Utility installations, Access points modifications and Any damages incurred during construction. Similar to the Pre-Construction Video Log, the Post-Construction Video Log shall be recorded in high definition and shall provide clear documentation of the site conditions after the completion of construction activities. Submit the Pre-Construction video log prior to beginning the work. Post-Construction video log shall be provided no later than 10 days after construction activities have completed.

The contract lump sum price paid for “**Video Log (Pre and Post-Construction)**” shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in documenting the condition of the construction site both before and after the construction process and as directed by the District with no additional compensation allowed.

END OF SECTION

DIVISION 02200 - EARTHWORK

02200.01 GENERAL

- (a) The Contractor shall perform all earthwork required for construction of the proposed improvements as specified and shown.
- (b) Earthwork includes all plant, labor, equipment, and materials as required or necessary to clear, grub, excavate, pulverized asphalt, trench, fill, backfill and grade for the construction of all structures, pipe lines, ditches, embankments, roadways and graded areas. Specifically grading the roadways and compacting prepared subgrade and base.
- (c) The contractor's attention is directed to the possible existence of pipe and other underground improvements. All reasonable precautions shall be taken to preserve and protect any such improvements whether shown on the exhibits or not. Where it is necessary to remove and replace or to relocate such improvements in order to prosecute the work, they shall be removed, maintained and permanently replaced following review by District Representatives and owners of the utility.
- (d) Earthwork within the rights-of-way of the State Division of Highways, the County Road Department, and City or other governmental agency (Bureau of Land Management), having jurisdiction, work shall be done in accordance with the requirements and the provisions of the permits issued by those agencies for the construction within their respective rights-of-way. Such requirements and provisions, where applicable, shall take precedence and supersede the provisions of these specifications. These technical specifications shall be the minimum requirement.
- (e) In addition to the requirements herein set forth for piping and structural earthwork, all work shall be in accordance with the requirements of the County grading ordinance or ordinance of any other agencies having jurisdiction.

02200.02 EXCAVATION

- (a) GENERAL. Except when specifically provided to the contrary, excavation shall include the removal of all materials of whatever nature encountered, including all obstructions of any nature that would interfere with the proper execution and completion of the work. The removal of said materials shall conform to the lines and grades shown or ordered.

Unless otherwise provided, the areas of construction shall be stripped of all vegetation and debris, and such material shall be removed from the site prior to performing any excavation or placing any fill. Excavated material suitable for backfill shall be stored temporarily in such a manner as will facilitate work under the Contract. Any damage done to private property by reason of work on easements shall be the responsibility of the Contractor. Fences and landscaping which are removed or damaged by the Contractor shall be restored to their original condition at the Contractor's expense.

The Contractor shall furnish, place, and maintain all supports and shoring that may be required for the sides of the excavations, and all pumping, ditching, or other approved measures for the removal or exclusion of water, including taking care of storm water reaching the site of work from any source as to prevent damage to the work or adjoining property.

Excavations shall be sloped or otherwise supported in a safe manner in accordance with applicable State and Federal industrial safety requirements, and as reviewed by the Engineer. All excavations shall be performed, protected, and supported as required for safety and in the manner set forth in the operating rules, orders and regulations prescribed by the Division of Industrial Safety of the Department of Industrial Relations of the State of California. Barriers shall be placed at each end of all excavations and at such places as may be necessary along excavations to prevent accidents. Lights shall also be placed along excavations from sunset each day to sunrise of the next day until such excavation is entirely refilled.

(b) PIPELINE TRENCH EXCAVATION

(1) GENERAL. Unless otherwise shown or ordered, excavation for pipelines, fittings, valves, and appurtenances, shall be open-cut trenches. The bottom of the trench shall have a minimum width equal to the outside diameter of the pipe plus 12 inches and a maximum width equal to the outside diameter of the pipe plus 20 inches. Except when otherwise shown or ordered by the Engineer, the bottom of the trench shall be excavated uniformly to the grade of the bottom of the pipe. The trench bottom shall be given a final trim using a string line for establishing grade, such that each pipe section when first laid will be continually in contact with the ground along the extreme bottom of the pipe. Rounding out the trench to form a cradle for the pipe will not be required.

The maximum amount of open trench permitted in any one location shall be 500 feet, or the length necessary to accommodate the amount of pipe installed in a single day, whichever is greater. All trenches shall be fully backfilled at the end of each day or, in lieu thereof, when reviewed by the Engineer, heavy steel plate adequately braced and capable of supporting vehicular traffic may be used in certain locations where it is impractical to backfill at the end of each day. The above requirements for backfilling or use of steel plate will be waived in cases where the trench is located further than 100 feet from any traveled roadway or occupied structure. In such cases, however, barricades and warning lights satisfactory to the Engineer shall be provided and maintained.

(2) TRENCH OVER-EXCAVATION WHERE SHOWN. Trenches shall be over excavated where shown, to the depth shown, then backfilled to the grade of the bottom of the pipe with suitable selected granular material or with sand. Said backfill shall be brought to optimum moisture content and compacted to 95 percent of maximum dry density where the pipeline trench passes under structures, and 90 percent elsewhere. Work specified in this Subsection shall be performed by the Contractor at his own expense.

(3) TRENCH OVER-EXCAVATION WHEN ORDERED. Trenches shall be over-excavated beyond the depth shown, when ordered by the Engineer in areas where pool soil (soft, spongy, or unstable material) or rock is encountered. Such over-excavation shall be to the depth ordered. The trench then shall be refilled to the grade of the bottom of the pipe with either selected granular material obtained shall be well-graded material of 1-1/2-inch maximum size. Bedding material shall be placed in layers, brought to optimum moisture content, and compacted to 95 percent of maximum dry density where the pipeline trench passes under structures, and 90 percent elsewhere. All work specified in this Subsection shall be performed by the Contractor at his own expense.

(c) EXCAVATION BENEATH STRUCTURES. Except where otherwise specified for a particular structure or ordered by the Engineer, excavation shall be carried to the grade of the bottom of the footing

or slab. Where shown or ordered, areas beneath structures shall be over-excavated. When such over-excavation is shown on the drawings, both over-excavation and subsequent backfill to the required grade shall be performed by the Contractor at his own expense. After the required excavation or over-excavation has been completed, the exposed surface shall be scarified to a depth of 6 inches, brought to optimum moisture content, and rolled with heavy compaction equipment to 95 percent of maximum dry density.

(d) **SITE GRADING.** After stripping has been done, all areas covered by the work, including excavated and filled section shall be graded uniformly to the lines and grades indicated on the drawings or as ordered. The finished surface shall be reasonably smooth and well compacted. All excavated or pulverized asphalt material suitable for fill shall be transported to and placed in the pavement area within the limits of the work.

All excavated materials which are unsuitable for fill shall be disposed of by the Contractor at his own expense. During construction, excavation and filling shall be performed in a manner and sequence that will provide drainage at all times.

Ditches shall be cut accurately to the cross-sections and grades indicated. Any excessive ditch excavation shall be back-filled to grade either with suitable, thoroughly compacted material, or with suitable stone or cobble to form an adequate paving.

(e) **OVER-EXCAVATION NOT ORDERED, SPECIFIED, OR SHOWN.** Any over-excavation carried below the grade ordered, specified, or shown, shall be refilled to the required grade with suitable selected granular material. Such material shall be moistened as required and compacted to 95 percent of maximum dry density under structures, and 90 percent elsewhere. Such work shall be performed by the Contractor at his own expense.

(f) **EXCAVATION IN LAWN AREA.** Where pipeline excavation occurs in lawn areas, the sod shall be carefully removed and stockpiled to preserve it for replacement. Excavated material from the trench may be placed on the lawn provided a drop cloth or other suitable method is employed to protect the lawn from damage. The lawn shall not remain covered for more than 72 hours. Immediately after completion of backfilling and testing of the pipeline, the sod shall be replaced in a manner so as to restore the lawn as near as possible to its original condition.

(g) **EXCAVATION IN VICINITY OF TREES.** Trees and other natural growths outside the actual lines of construction operations shall not be destroyed and such measures as are necessary shall be taken by the Contractor for the protection thereof. Trees shall be supported during excavation as may be directed by the Engineer. In the installation of pipelines outside of public rights of way or in easements, trees shall not be removed and no tree roots over 2-inches in diameter shall be cut without express permission of the Engineer.

(h) **ROCK EXCAVATION AND BLASTING.** Rock excavation shall include removal and disposal of the following: (1) all boulders measuring 1/3 of a cubic yard or more in volume; (2) all rock material in ledges, bedding deposits, and unstratified masses which cannot be removed without systematic drilling and blasting; (3) concrete or masonry structures which have been abandoned; and (4) deposits which are so firmly cemented that they possess the characteristics of solid rock and which cannot be removed without systematic drilling and blasting. Said rock excavation shall be performed by the Contractor at his own expense, provided that should the quantity of rock excavation be affected by any change in the scope of the work, an appropriate adjustment of the contract price will be made under a separate additive-deductive bid item if such bid item has been established: otherwise payment will be

made in accordance with a negotiated price. All operations, storage and handling of explosives shall be according to provisions of Division II, Part I, of the Health and Safety Code, State of California, and shall comply with all State, County and local laws. Drilling and blasting are to be done only by personnel skilled in such operations. All necessary precautions shall be taken for protection of life and property. Warnings shall be given to nearby property owners that blasting is in progress. Safety mats shall be used to restrict flying particles. The Contractor shall size each "blast" to minimize nuisance and reduce the possibility of damage to local structures.

(i) **DISPOSAL OF EXCESS EXCAVATED MATERIAL.** The Contractor shall remove and dispose of all excess excavated or waste material at his own expense. Along pipeline alignments, excess excavated material suitable for fill, may be spread evenly over the limits of permanent easement and compacted to 90 percent of maximum dry density.

Excavated material shall not be deposited on private property unless written permission from the owner is secured by the Contractor thereof. Copies of said written permission, duly signed by the owner of the private property involved, shall be furnished to the District by the Contractor before such material is placed on private property.

02200.03 BACKFILL

(a) **GENERAL.** Backfill shall not be dropped directly upon any structure or pipe. Materials used for backfill shall be selected material, free from grass, roots, brush, or other vegetation, or boulders having maximum dimension larger than 6-inches.

Material coming within 6-inches of any structure or pipe shall be free of rocks or unbroken masses of earthy materials having maximum dimension larger than 3-inches. Backfill shall not be placed around or upon any structure until the concrete has attained sufficient strength to withstand the loads imposed. Backfill around water retaining structures shall not be placed until the structures have been tested, and the structures shall be full of water while backfill is being placed.

Whenever the excavated or pulverized asphalt material is unsuitable for backfill, the Contractor shall arrange for and furnish imported backfill material at his own expense.

(b) PIPELINE TRENCH BACKFILL

(1) Pipeline trenches shall be back-filled to a level 6-inches above the tope of the pipe with selected sandy material obtained from the excavation; provided if, in the Engineer's opinion, said material is unsuitable for backfill purposes, imported material having a sand equivalent value of not less than 20 shall be used for this portion of the trench backfill.

Such material shall be compacted to 95 percent of maximum dry density where the trench is located under structures and paved areas, and 90 percent of maximum dry density elsewhere. Compaction shall be obtained by mechanical means or, if reviewed by the Engineer, by using excess water and passing concrete vibrator between the pipe and side of trench.

(2) After the initial portion of backfill has been placed as specified above, and after excess water has completely drained from the trench, back-filling of the remainder of the trench may proceed. The remainder of the backfill shall be selected material obtain

from the excavation and shall be placed in horizontal layers. Each layer shall be moistened, tamped, rolled or otherwise compacted to 95 percent of maximum dry density where the trench is located under structures and paved areas, and 90 percent of maximum density elsewhere.

If the back-fill material is sandy or granular in nature and the trench is not located under a structure, the layer construction may be eliminated, the compaction may be obtained by flooding and jetting, provided this latter method meets with the approval of the agency having jurisdiction over the highway or street. If flooding and jetting is permitted, the remaining backfill shall be placed in layers not exceeding 3 feet in thickness. Each layer shall be flooded, jetted and poled to secure complete saturation of the material before placing the next layer. Prior to flooding and jetting, the pipe shall be filled with water to prevent floating.

- (3) For plastic sewer pipes (ABS or PVC type), trenches shall be back-filled with selected granular material (screened gravel) in the bedding area up to 6-inches above the top of pipe. The remaining backfill shall be as specified in previous paragraphs of this Section.

(c) **BACKFILL AROUND AND BENEATH STRUCTURES, AND BENEATH PAVED AREAS.** Except where otherwise specified for a particular structure or ordered by the Engineer, backfill placed around and beneath structures, and beneath paved areas, shall be placed in horizontal layers not to exceed 8-inches in thickness, as measured before compaction, where compaction is attained by means of steel drum vibratory rollers. Where the use of rollers is impractical, the layers shall not exceed 6-inches in thickness before compaction, and compaction shall be attained by means of hand-operated power-driven tampers. The backfill shall be brought up evenly with each layer moistened and compacted by mechanical means to 95 percent of maximum density beneath structures and paved areas.

02200.04 COMPACTION TESTS

See section 01000.11

02200.05 SUBGRADE PREPARATION AND AGGREGATE BASE

Preparation of subgrade shall conform to Section 301-1.2 of the Standard Specifications. The top 4 inches of subgrade material shall be compacted to a relative compaction of 95 percent.

Water for use in subgrade preparation shall be potable. Water shall be applied to compact soil, subgrade, base, and surfacing material through the use of a watering truck which shall spray water uniformly. No chemical additives shall be used during the water application process.

Untreated base shall conform to Section 301-2 of the Standard Specifications and shall consist entirely of crushed aggregate base. Aggregate Base shall be clean and free from roots, vegetable matter and other deleterious substances, and be of such character that when wet it will compact to form a firm stable base. Material shall be in accordance with Section 200-2, and placing shall be in accordance with Section 301-2.3 of the Standard Specifications.

Payment – Payment for preparation of subgrade shall be made at the unit price bid per square foot for **“Shape, Grade and Compact existing roadways after pulverization”** and shall constitute full

compensation for all equipment, materials, and labor necessary for preparation of subgrade, and no additional compensation will be allowed therefore.

END OF SECTION

DIVISION 02500 - ASPHALT PAVING

02500.01 GENERAL

This Section covers the furnishing and placement of new asphalt concrete and of asphalt concrete required for the repair and replacement of pavements along streets, private driveways, and parking areas damaged by Contractor's operations. Where re-pavement is covered under the County, City or State Permits, the more stringent requirements shall govern. Minimum thickness of asphalt re-pavement shall be three inches along public streets and parking areas and 2-1/2 inches for private driveways, except for overlay at street inlets, feather overlay at all driveways and side road parking areas, the thickness as shown on plan and details.

Paving materials and methods of construction shall be in accordance with referenced sections of the Standard Specifications, California Department of Transportation. Thickness and extent of base courses, paving courses and other construction details shall be as shown. All provisions contained in the referenced Standard Specifications involving "measurement" and "payment" (Section 39-8 of the Standard Specs) are not applicable to work performed under this Contract.

02500.02 SUBGRADE PREPARATION

The subgrade on dirt roads only shall be scarified, mixed, compacted to a total depth of 6-inches and brought to the proper finish elevation. The subgrade shall be sprinkled with water and rolled with a steel roller until the subgrade is unyielding and a compaction of 95% of maximum density is achieved.

02500.03 WEED CONTROL (REQUIRED FOR DIRT ROADS ONLY)

One day before the application or placement of bituminous material on the base, the surface shall be sterilized with herbicide. Apply chemical as indicated by a certified advisor and per dosage indicated by manufacturer. Apply to the surface dry or as a solution.

Herbicide shall be a dry, free-flowing, dust-free chemical compound which is nonflammable, nonpoisonous and non-corrosive. The chemical shall be chlorate-borate compound, and shall be suitable for application in powder form or in a solution as EPA approved and per Certified Advisor recommendation provided by Contractor. Application rate will be determined by licensed applicator per Certified Advisor recommendations.

02500.04 ASPHALT CONCRETE

Asphalt concrete shall conform to the provisions in Section 39 of the referenced Standard Specifications. Aggregates shall be Type A and shall conform to the grading specified for 1/2" maximum - medium grading.

Paving asphalt shall be a steam-refined asphalt with a viscosity grade of PG 64-16.

02500.05 MIXING AND TRANSPORTING

The asphaltic concrete shall be mixed at a central plant in accordance with Section 39 of the referenced Standard Specifications. Transportation of the asphaltic concrete from mixing plant to site shall be in trucks having tight, clean, smooth beds coated with the least quantity of concentrated solution of hydrated lime and water to prevent adhesive of mixture to trunk bodies. Each load of mixture shall be covered

with canvas, or other suitable material, of ample size to protect mixture from weather and to prevent loss of heat. Deliveries shall be scheduled so that spreading and rolling of all mixture prepared for one day's run can be completed during daylight. Mixture shall be delivered in such a manner that temperature at the time of dumping into the spreader will be not less than below specified. Loads that have crusts of cold, unworkable material or have become wet by rain will be rejected. Hauling over freshly placed material will not be permitted.

02500.06 PLACING

(a) **PREPARATION.** Prior to placing the surface course, the underlying course shall be cleared of all foreign or objectionable matter with power blowers, power brooms or hand brooms.

(b) **CONTACT SURFACES.** Contact surfaces of previously constructed pavement, curbs, manholes/cleanouts and similar, structures shall be sprayed with a thin coat of bituminous material.

(c) **SPREADING.** Spreading shall conform to requirement of Section 39 of the referenced Standard Specifications. The material shall be placed at a minimum temperature of 275 degrees F. and shall be compacted by rolling. **No asphaltic concrete shall be spread when the atmospheric temperature is below 50 degrees F. or during unsuitable weather.** The asphaltic concrete shall be evenly distributed and spread upon the subgrade or base to such a depth that after being thoroughly rolled it will be of the specified thickness and true to the prescribed cross-section and grade of the course being constructed. Spreading, once commenced, must be continued without interruption, and the equipment provided for that purpose must be sufficient to ensure such result. No greater amount of the mixture shall be delivered in any one day than can be properly distributed and rolled during that day.

Spreading machine shall be a self-propelled either track or wheeled type conveyed machine and shall have properly operated screed with automatic and manual controls to control mat thickness. Rate of spread will be made to sufficiently place the material at the proper un-compacted thickness to ensure that the specified compacted thickness is accomplished. Mat thickness may be placed in one single lift per pass provided that the placed, completed and compacted mat equals the specified thickness.

As soon as the layer of asphaltic concrete has attained a consistency that will permit, it shall be thoroughly compacted by rolling in accordance with Section 39 of the referenced Standard Specifications. Rolling surfaces shall be treated with water or oil to prevent the adherence of the asphaltic concrete, but the quantity used must not be such as to be detrimental to the surface being rolled.

02500.07 JOINTS

GENERAL. Joints between old and new pavements or between successive day's work, or joints that have become cold because of delay, shall be made carefully to ensure continuous bond between old and new sections of course. All joints shall have the same texture, density, and smoothness as other sections of course.

(a) Contact surfaces of previously constructed pavements that have become coated with dust, sand, or other objectionable material shall be cleaned by brushing or cut back with approved power saw as directed. The surface against which new material is placed shall be sprayed with a thin, uniform coat of bituminous material. Material shall be applied far enough in advance of placement of fresh mixture to ensure adequate curing. Care shall be taken to prevent damage or contamination of sprayed surface.

(b) **TRANSVERSE JOINTS.** The roller shall pass over the unprotected end of freshly placed mixture only when placing of course is discontinued or when delivery of mixture is interrupted to the extent that unrolled material may become cold. In all cases, edge of previously placed course shall be cut back to expose an even, vertical surface the full thickness of the course. In continuing placement of strip, the mechanical spreader shall be positioned on transverse joint so that sufficient hot mixture will spread to obtain joint after rolling to conform to required density and smoothness specified herein. When required, the fresh mixture shall be raked against joints, thoroughly tamped with hot tamper, smoothed with hot irons, and rolled.

(c) **LONGITUDINAL JOINTS.** Edges of previously placed strip that have cooled or are irregular, honeycombed, poorly compacted, damaged, or otherwise defective, and unsatisfactory sections of the joint shall be cut back to expose clean, sound surface for full thickness of the course as directed.

When required, fresh mixture shall be raked against the joint, thoroughly tamped with hot tampers, smoothed with hot irons, and rolled.

02500.8 EDGES

Edges of pavement adjacent to shoulders shall be trimmed neatly to line. After final rolling has been completed and pavement is sufficiently hardened, an earth berm of selected material, not less than one foot wide, shall be placed against and to the full height of the pavement as soon as possible.

02500.9 CORRECTING DEFICIENT AREAS

Mixtures that become contaminated or that are defective shall be removed. Skin patching of an area that has been rolled will not be permitted. Holes that are full thickness of course shall be cut so that sides are perpendicular and parallel to the direction of traffic and edges are vertical. Edges shall be sprayed with bituminous material. Fresh paving mixture shall be placed in holes in sufficient quantity so that finished surface will conform to density specified herein.

02500.10 PROTECTION OF PAVEMENT

After final rolling of the pavement, vehicular traffic may not be permitted until the pavement has sufficiently cooled and hardened or for at least four hours.

02500.11 SURFACE REQUIREMENTS

Surface course, upon completion of final rolling, shall be smooth and true to grade and cross section. When a ten-foot straightedge is laid on the surface parallel with the centerline, the surface shall not vary more than 1/8 inch from straightedge. When the ten-foot straightedge is laid on surface transverse to centerline between crown and edge of pavement, surface shall not vary more than 1/4" from straightedge. Low or defective areas shall be immediately corrected by cutting out faulty areas and replacing with fresh, hot mixture and compacting area to conform to remainder of pavement.

END OF SECTION

DIVISION 02610 - ASPHALT CONCRETE

Asphalt concrete shall be Type A and shall conform to the provisions in Section 39, "Asphalt Concrete," of the standard Specifications and these special provisions.

The last sentence of the first paragraph in Section 39-2.01, "Asphalts," of the Standard Specifications and the fifth, sixth, seventh and eighth paragraphs of Section 39-3.03, "Proportioning," of the Standard Specifications shall not apply.

The asphalt binder grade shall be PG 64-16. The amount of asphalt binder to be mixed with the aggregate for Type A 1/2-inch maximum asphalt concrete will be determined by the Contractor and submitted to the Engineer for approval in accordance with California Test 367 using the samples of aggregates furnished by the Contractor in conformance with Section 39-3.03, "Proportioning," of the Standard Specifications.

The aggregate for asphalt concrete (Type A) shall conform to the maximum, medium grading specified in Section 39-2.02, "Aggregate," of the Standard Specifications.

Additional asphalt concrete surfacing material shall be placed along the edge of the surfacing at road connections and private drives, hand raked, if necessary, and compacted to form smooth tapered conforms. Full compensation for furnishing all labor and tools and doing all the work necessary to hand rake said conforms shall be considered as included in the contract prices paid per square foot for the various contract items of asphalt concrete surfacing involved and no additional compensation will be allowed therefore.

Immediately in advance of applying paint binder, the roadway shall be free of moisture, loose or extraneous material and the cost of said work shall be considered as included in the contract price per square foot for the asphalt concrete involved and no additional compensation will be allowed therefore.

A prime coat is not required.

The price paid for asphalt concrete will include all costs for tack coat(s), applied to all edges and between layers of asphalt concrete and/or concrete paving or overlay.

END OF SECTION

END OF TECHNICAL SPECIFICATIONS



San Bernardino County
DEPARTMENT OF PUBLIC WORKS - SPECIAL DISTRICTS
 Administrative Office ♦ Project Management Division
 222 W. Hospitality Lane, San Bernardino, CA 92415-0450
 Phone: (909) 386-8800

CSA 70, R-9 RIM FOREST
Mandatory Pre-Bid Meeting Sign-In Sheet
JULY 18, 2024 – 10:00 A.M.

PLEASE PRINT ALL SIGN-IN INFORMATION CLEARLY

| | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
|---|---------------|-----|--------------------------|------------------------|
| 1 | X | | UANCE Corp Robert EMMETT | Robert 909 260 5368 |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | | | | |

| | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
|---|---------------|-----|-------------------|------------------------------|
| 2 | X | | Tryco TRY Kirtley | 909-337-3336 902-253-8689 |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | | | | trykirtley@yahoo.com |

| | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
|---|---------------|-----|----------------------|----------------------------|
| 3 | X | | ALTMAYER CONST. INC. | 909 337-5788 909 6453214 |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | JEFF Altmeier | | | Brian J Altmeier @ Alt.com |

| | | | | |
|----------------|---------------|-----|---------------------------|----------------------|
| 4 | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
| | ✓ | | ALTMAYER INC | 909 337 5788 |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| CHRIS ALTMAYER | | | altmeyerconst@charter.net | |

| | | | | |
|---|---------------|-----|--------------|----------------------|
| 5 | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
| | | | | |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | | | | |

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|---|---------------|-----|--------------|----------------------|
| 6 | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
| | | | | |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | | | | |

| | | | | |
|---|---------------|-----|--------------|----------------------|
| 7 | Prime | Sub | COMPANY NAME | CONTACT PHONE NUMBER |
| | | | | |
| | ATTENDEE NAME | | | EMAIL ADDRESS |
| | | | | |