

## SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS SPECIAL DISTRICTS

#### ADDENDUM NO. 2

# TO THE BIDDING REQUIREMENTS, CONTRACT DOCUMENTS, GENERAL CONDITIONS, SPECIAL CONDITIONS, AND TECHNICAL SPECIFICATIONS FOR THE CSA 82 SEARLES VALLEY SEWER IMPROVEMENT PROJECT

PROJECT NO.: 30.30.0158

JUNE 7, 2024

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

 All provisions of this Addendum No. 2 are hereby incorporated into the Contract Documents, and Bidders shall account for all provisions pursuant to this Addendum No. 2 in submitting their bid proposals. Each Bidder shall include a dated and signed copy of this Addendum with their sealed bid proposal.

#### 1. ITEM NO.1: SECTION A - BIDDING DOCUMENTS

Contractors are advised of the following change as it appears with **Section A., Bidding Requirements**, Bid Proposal of the Specifications

A. Contractors are advised to remove the current <u>Bid Proposal</u> section of the bid package issued on May 28, 2024, and replace it with the revised <u>Bid Proposal</u> section pages 22 thru 29 hereby issued on June 7, 2024, accompanying this Addendum No. 2.

#### 2. ITEM NO.2: SECTION F - TECHNICAL SPECIFICATIONS

A. Contractors are advise to replace the current Technical Specification Table of Contents of the bid package issued on May 28, 20924, and replace it with the revised Table of Contents hereby issued on June 7, 2024, accompany this Addendum No. 2.

#### 3. ITEM NO.3: SECTION F - TECHNICAL SPECIFICATIONS

A. Contractors are advised to add <u>Section 5 Concrete Blankets and Conductor Pipe</u> to technical specifications package of the bid issued on May 28,2024 as called out on Technical Specification table of content.

#### 4. ITEM NO.4: SECTION I - CONTRACT DRAWINGS

A. Contractors are advised to replace the current Sheet 3 Sewer Improvement Plans - Quantities of the Contract Drawings issued in Addendum No. 1 on June 4, 2024, and replaced it with the revised Sheet 3 Sewer Valley Improvement Plans - Quantities in this Addendum.

Below are questions and answers submitted previously with Addendum #1, however Addendum #2 supersedes previous answer:

Question: 1: Will the District be taking care of compaction testing?

Answer: Yes, the District shall hire a geotechnical consultant to perform compaction testing.

#### **Enclosures**:

- Bid Proposal page 22 thru 29
- Technical Specifications Table of Contents
- Technical Specification Section 5 Concrete Blankets and Conductor Pipe
- Sheet 3 of 24 Sewer Improvement Plans Quantities

| ISSUE DATE: June 7, 2024,  | Date Acknowle | edged by Bidder:     |
|--|---------------|----------------------|
|  |               |                      |
|  |               |                      |
|  |               |                      |
|  |               |                      |
| D  | Б             |                      |
| By:  | By:           |                      |
| Alfonso Fausto, Project Manager<br>Department of Public Works - Special Districts<br>Project Management Division |               | Bidders Company Name |
|  |               | Bidders Signature    |

#### BID PROPOSAL

PROJECT: CSA 82 SEARLES VALLEY SEWER IMPROVEMENT PROJECT

LOCATION: Trona, California

**OWNER: COUNTY SERVICE AREA 82 SEARLES VALLEY** 

BID OPENING DATE: June 12, 2024 @ 10:00 AM

MANDATORY VIRTUAL PRE-BID MEETING DATE: May 28, 2024 @ 10:00 AM

MEETING SITE: <a href="https://meet.goto.com/708557013">https://meet.goto.com/708557013</a>

**DIAL IN OPTION:** +1 (408)650-3123

ACCESS CODE: 708-557-013

BID OPENING LOCATION: Department of Public Works – Special District

222 Hospitality Lane, Second Floor San Bernardino, CA, 92415-0450

#### County Service Area 82, Searles Valley Project ("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 **CSA 82 SEARLES VALLEY** at Trona, California, and fully understands the scope and meaning of the bid documents and has attended the **Mandatory Virtual 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.

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.

|--|

## **ITEMIZED BID PROPOSAL**

| ITEM | DESCRIPTION  | QTY   | UNIT | UNIT<br>COST | TOTAL<br>EXTENSION |
|------|--|-------|------|--------------|--------------------|
| 1    | MOBILIZATION, DEMOBILIZATION, INSURANCE, AND BONDS   | 1     | LS   |              |                    |
| 2    | CONSTRUCTION/PROJECT SIGN  | 2     | EA   |              |                    |
| 3    | REMOVE AND DISPOSE EXISTING SEWER AND INSTALL 12" SDR-26 PVC SEWER PIPE, BACKFILL, BEDDING AND GEOGRID | 5,249 | LF   |              |                    |
| 4    | FURNISH AND INSTALL ARMOROCK POLYMER<br>CONCRETE SEWER MANHOLES OR APRROVED<br>EQUAL                   | 10    | EA   |              |                    |
| 5    | FURNISH AND INSTALL MANHOLE FRAME AND COVERS   | 10    | EA   |              |                    |
| 6    | CONSTRUCT CONCRETE STABILIZING RING AT GRADE   | 10    | EA   |              |                    |
| 7    | REMOVE AND DISPOSE OF EXISTING MANHOLES  | 9     | EA   |              |                    |
| 8    | SEWER LATERAL RECONNECTION   | 1     | EA   |              |                    |
| 9    | ASPHALT AND AGGREGATE BASE TRENCH<br>REPAIR  | 1     | LS   |              |                    |
| 10   | CONCRETE ENCASEMENT  | 60    | LF   |              |                    |
| 11   | SWPPP PREPARATION AND IMPLEMENTATION AND DUST CONTROL  | 1     | LS   |              |                    |
| 12   | TRAFFIC CONTROL  | 1     | LS   |              |                    |
| 13   | SEWER BYPASS   | 1     | LS   |              |                    |
| 14   | GROUNDWATER DEWATERING   | 1     | LS   |              |                    |

| 1 15 1 | REMOVE AND REPLACE CONCRETE<br>ENCASEMENT | 14 | LS |    |
|--------|---|----|----|----|
| 16     | TELEVISION INSPECTION                     | 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):

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.

| ITEM | ITEMIZED BID SCHEDULE: BID ALTERNATIVE NO. 1   |       |      |              |                 |  |  |
|------|--|-------|------|--------------|-----------------|--|--|
| ITEM | DESCRIPTION  | QTY   | UNIT | UNIT<br>COST | TOTAL EXTENSION |  |  |
| 1    | TRAFFIC CONTROL  | 1     | LS   |              |                 |  |  |
| 2    | SEWER BYPASS   | 1     | LS   |              |                 |  |  |
| 3    | REMOVE AND DISPOSE EXISTING SEWER AND<br>INSTALL 12" SDR-26 PVC SEWER PIPE,<br>BACKFILL, BEDDING AND GEOGRID | 2,504 | LF   |              |                 |  |  |
| 4    | FURNISH AND INSTALL ARMOROCK POLYMER<br>CONCRETE SEWER MANHOLES OR APRROVED<br>EQUAL                         | 3     | EA   |              |                 |  |  |
| 5    | FURNISH AND INSTALL MANHOLE FRAME AND COVERS   | 3     | EA   |              |                 |  |  |
| 6    | CONSTRUCT CONCRETE STABILIZING RING AT GRADE   | 3     | EA   |              |                 |  |  |
| 7    | REMOVE AND DISPOSE OF EXISTING<br>MANHOLES   | 3     | EA   |              |                 |  |  |
| 8    | ASPHALT AND AGGREGATE BASE TRENCH<br>REPAIR  | 1     | LS   |              |                 |  |  |
| 9    | CONCRETE ENCASEMENT  | 145   | LF   |              |                 |  |  |

| 10 | MANHOLE APRON                 | 1 | LS |    |
|----|-------------------------------|---|----|----|
| 11 | GROUNDWATER DEWATERING        | 1 | LS |    |
| 12 | TELEVISION INSPECTION         | 1 | LS |    |
|    | ADDITIVE TOTAL BASE BID NO. 1 |   |    | \$ |

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 Additive Bid No. 1 of Items 1-12 \$ | (Dollars) |
|---|-----------|
|   |           |

The above-mentioned ADDITIVE BID NO. 1 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.

| ITEM | ITEMIZED BID SCHEDULE: BID ALTERNATIVE NO. 2   |       |      |              |                 |  |
|------|--|-------|------|--------------|-----------------|--|
| ITEM | DESCRIPTION  | QTY   | UNIT | UNIT<br>COST | TOTAL EXTENSION |  |
| 1    | TRAFFIC CONTROL  | 1     | LS   |              |                 |  |
| 2    | SEWER BYPASS   | 1     | LS   |              |                 |  |
| 3    | REMOVE AND DISPOSE EXISTING SEWER AND INSTALL 12" SDR-26 PVC SEWER PIPE, BACKFILL, BEDDING AND GEOGRID | 3,547 | LF   |              |                 |  |
| 4    | FURNISH AND INSTALL ARMOROCK POLYMER<br>CONCRETE SEWER MANHOLES OR APRROVED<br>EQUAL                   | 6     | EA   |              |                 |  |
| 5    | FURNISH AND INSTALL MANHOLE FRAME AND COVERS   | 6     | EA   |              |                 |  |
| 6    | CONSTRUCT CONCRETE STABILIZING RING AT GRADE   | 6     | EA   |              |                 |  |
| 7    | REMOVE AND DISPOSE OF EXISTING<br>MANHOLES   | 6     | EA   |              |                 |  |
| 8    | CONCRETE ENCASEMENT  | 231   | LF   |              |                 |  |
| 9    | GROUNDWATER DEWATERING   | 1     | LS   |              |                 |  |

| 10 | TELEVISION INSPECTION         | 1 | LS |    |
|----|-------------------------------|---|----|----|
|    | ADDITIVE TOTAL BASE BID NO. 2 |   |    | \$ |

| Total Additive Bid No. 2 of Items 1-10 \$ (Dolla |
|--|
|--|

The above-mentioned ADDITIVE BID NO.2 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.

|  | <b>Total: Base Bid + Additive Bid No.</b> | 1 + Additive Bid No. 2: | \$ | (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 Additive Bid No. 1 and Additive Bid No. 2 (Total Base Bid + Additive No. 1 + Additive No. 2).

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**

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 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 <u>300 CALENDAR DAYS</u> 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 **\$2,000 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 the 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 "C-34" (Pipeline), or "C-42" (Sanitation Systems) 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 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 certificates 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 all addenda.

#### **TECHNICAL SPECIFICATIONS**

San Bernardino County - Public Works Special Districts Department, Division "D" Technical Specifications (2012).

#### **TABLE OF CONTENTS**

PREFACE

- 1.0 EARTHWORK
- 2.0 CONCRETE CONSTRUCTION
- 3.0 PIPELINE MATERIALS AND INSTALLATION
- 4.0 MANHOLES AND CLEANOUTS
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- 6.0 CLEANING AND TESTING
- 7.0 EROSION CONTROL SEEDING
- 8.0 REMOVAL AND REPLACEMENT OF PAVED SURFACES

ATTACHMENT A - SUPPLEMENTARY SPECIAL PROVISIONS

ATTACHMENT B - SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT PERMIT

#### COUNTY OF SAN BERNARDINO SPECIAL DISTRICTS DEPARTMENT TECHNICAL SPECIFICATIONS

### SECTION 5 CONCRETE BLANKETS AND CONDUCTOR PIPE

#### 5.1 CONCRETE BLANKET.

**5.1.01 General. -** Concrete blankets shall be constructed at the locations shown on the plans and in accordance with the District's Standard Drawing No. E-19. Concrete shall be of Class IV Portland cement concrete.

#### 5.2 EXCAVATION AND BACKFILL.

The Contractor is referred to Section 1, "Earthwork," of these specifications.

#### 5.3 STEEL CONDUCTOR TUBE.

**5.3.01 Materials.** - Steel conductor tube shall be butt welded of sheets conforming to ASTM A 283. Conductor tube used shall not have a thickness of less than one-fourth (1/4) inch. All field joints shall be butt welded in full circumference.

**5.3.02 Installation.** - Steel conductor tube of the size and thickness specified on the plans shall be installed in place by jacking methods without the use of water or air, at the

locations shown on the plans, and to grades required to install the sewer pipes and/or force mains. Should voids or loss of ground occur during jacking operations, said voids shall be filled with grout consisting of a lean mixture of cement and sand.

Pipes lines shall be installed within the conductor tube to the lines and grades shown on the plans. The sewer pipe shall be supported on lined steel casing insulators with plastic runners or skids. The size, type, spacing installation and manufacture of these insulators shall be per the manufacturer's recommendations and specifications. The annular space between the conductor tube and pipe shall be filled with sand. The pipe lines shall pass a successful test for leakage as provided in Section 6, "Cleaning and Testing," of these specifications.

#### 5.4 CONCRETE CONSTRUCTION.

The Contractor is referred to Section 2, "Concrete Construction," of these specifications.

#### MASTER CONSTRUCTION NOTES AND QUANTITIES - BASE BID

| BID ITEM NUMBER | CONSTRUCTION NOTE NUMBER | SPEC. SECTION NO. | NO. CONSTRUCTION NOTES   |    | TOTAL |
|-----------------|--------------------------|-------------------|--|----|-------|
| 3               | 1 6                      | 3, 9.3, 13        | REMOVE AND REPLACE 12" SDR-26 PVC SEWER. BACKFILL AND BEDDING WITH GEOGRID PER COUNTY STANDARDS. | LF | 5249  |
| 4               | 5                        | 4, 9.4            | INSTALL NEW 4' POLYMER CONCRETE MANHOLE  | EA | 10    |
| 5               | 7                        | 4, 9.5            | INSTALL MANHOLE FRAME AND COVER  | EA | 10    |
| 6               | 3 4                      | 4, 9.6            | CONSTRUCT CONCRETE STABILIZING RING AT GRADE   | EA | 10    |
| 8               | 2                        | 9.8               | REMOVE AND DISPOSE MANHOLES  | EA | 9     |
| 9               | 8                        | 8, 9.9            | REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE                           | LF | 1,511 |
| 10              | 8                        | 8, 9.10           | REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE                           | LF | 1,511 |
| 11              | 9                        | 3, 9.11           | CONCRETE ENCASEMENT  | LF | 60    |
| 18              |                          | 3.6, 3.15, 9.18   | SEWER LATERAL RECONNECTION   | EA | 1     |
| 19              |                          | 9.19              | REMOVE AND REPLACE CONCRETE ENCASEMENT   | LF | 14    |

#### MASTER CONSTRUCTION NOTES AND QUANTITIES - BID ALTERNATIVE 1

| BID ITEM NUMBER | CONSTRUCTION NOTE NUMBER | SPEC. SECTION NO. | CONSTRUCTION NOTES   | UNITS | TOTAL |
|-----------------|--------------------------|-------------------|--|-------|-------|
| 3               | 1 6                      | 3, 9.3, 13        | REMOVE AND REPLACE 12" SDR-26 PVC SEWER. BACKFILL AND BEDDING WITH GEOGRID PER COUNTY STANDARDS. | LF    | 2504  |
| 4               | 5                        | 4, 9.4            | INSTALL NEW 4' POLYMER CONCRETE MANHOLE  | EA    | 3     |
| 5               | 7                        | 4, 9.5            | INSTALL MANHOLE FRAME AND COVER  | EA    | 3     |
| 6               | 3 4                      | 4, 9.6            | CONSTRUCT CONCRETE STABILIZING RING AT GRADE   | EA    | 3     |
| 7               | 2                        | 9.8               | REMOVE AND DISPOSE MANHOLES  | EA    | 3     |
| 9               | 8                        | 8, 9.9            | REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE                           | LF    | 390   |
| 10              | 8                        | 8, 9.10           | REPLACE ASPHALT AT TRENCH PATCH WITH 6-INCH AC OVER 6-INCH BASE COURSE                           | LF    | 390   |
| 11              | 9                        | 3, 9.11           | CONCRETE ENCASEMENT  |       | 145   |
| 13              | (3)                      | 9.13              | CONSTRUCT MANHOLE APRON  | EA    | 1     |

#### MASTER CONSTRUCTION NOTES AND QUANTITIES — BID ALTERNATIVE 2

| BID ITEM NUMBER | CONSTRUCTION NOTE NUMBER | SPEC. SECTION NO. | CONSTRUCTION NOTES   | UNITS | TOTAL |
|-----------------|--------------------------|-------------------|--|-------|-------|
| 3               | 1 6                      | 3, 9.3, 13        | REMOVE AND REPLACE 12" SDR-26 PVC SEWER. BACKFILL AND BEDDING WITH GEOGRID PER COUNTY STANDARDS. | LF    | 3547  |
| 4               | 5                        | 4, 9.4            | INSTALL NEW 4' POLYMER CONCRETE MANHOLE  | EA    | 6     |
| 5               | 7                        | 4, 9.5            | INSTALL MANHOLE FRAME AND COVER  | EA    | 6     |
| 6               | 3 4                      | 4, 9.7            | INSTALL CONCRETE STABILIZING RING IN UNPAVED AREA  | EA    | 6     |
| 8               | 2                        | 9.8               | REMOVE AND DISPOSE MANHOLES  | EA    | 6     |
| 11              | 9                        | 3, 9.11           | CONCRETE ENCASEMENT  | LF    | 231   |
|                 |                          |                   |  |       |       |

UNDERGROUND SERVICE ALERT

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK: THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "P463", ELEVATION 4449.16 FEET (NAVD

BASIS OF BEARINGS:
THE BEARINGS SHOWN HEREON ARE BASED UPON
THE CALIFORNIA COORDINATE SYSTEM OF 1983,
CCS83, ZONE 5, (2017.50) IN ACCORDANCE TO THE
CALIFORNIA PUBLIC RESOURCES CODE SECTIONS
8801-8819.



Kimley >>> Horn
401 B STREET, SUITE 600, SAN DIEGO, CA 92101
PHONE: (951) 543-9868 WWW.KIMLEY-HORN.COM PREPARED UNDER THE SUPERVISION OF:

ACLY RENEE KATHRYN CHUANG R.C.E. No. 92140 04/26/2024 EXP 03/31/2025

|          |      |       | TY COMMENTS | COUNTY   | AND | UPDATE | DETAIL | TRENCH        | $\Delta$                 |
|----------|------|-------|-------------|----------|-----|--------|--------|---------------|--------------------------|
|          |      |       |             |          |     | HOLE   | ED MAN | <b>PROPOS</b> | 2                        |
|          |      |       |             |          |     |        | UM 1   | ADDEND        | $\overline{\mathcal{A}}$ |
|          |      |       |             |          |     |        | DUM 2  | ADDEND        | $\triangle$              |
| <u> </u> |      |       |             |          |     |        |        |               |                          |
|          |      |       |             |          |     |        |        |               |                          |
| APF      |      |       |             |          |     |        |        |               |                          |
|          |      |       |             |          |     |        |        |               |                          |
| ΓE       | DATE | APPR. | ١           | CRIPTION | DES |        |        |               |                          |
|          |      |       |             |          |     |        |        |               |                          |

REVISIONS

1 3 4

| S  | SEWER PLANS APPROVED<br>AN BERNARDINO COUNTY - P<br>SPECIAL DISTRICT | UBLIC WORK   | S           | SEWER IMPROVEMENT PLANS                     | DWG NO.<br>30.30.0158 |  |
|--|--|--|-------------|---|-----------------------|--|
| David Doublet Digitally signed by David Doublet Date: 2024.06.06 12:43:24 -0700' ASSISTANT DIRECTOR DATE |  |  | :24 -07'00' | SEARLES VALLEY SEWER<br>IMPROVEMENT PROJECT | FILE NO.              |  |
|  |  | INITIAL  | DATE        |   |                       |  |
| APPROVALS  | REVIEWER   | Alcoso Fauld March 19 Alcoso Fauld March 19 Alcoso Fauld March 19 Alcoso March |             | QUANTITIES                                  |                       |  |
|  | WAS, DIVISION MANAGER  | Janed Beyeler Economics  |             | QOANTITIEO                                  | SHEET 3 OF 24         |  |
|  | PM, DIVISION MANAGER   | 200 100000   |             |   |                       |  |