

Service Lateral Replacement Project RFP Addendum #2

Project Description: RFP to provide replacement of up to 650 potable water service laterals throughout the PID Service Area in support of rebuilding efforts following the 2018 Camp Fire in Butte County.

For: Paradise Irrigation District
6332 Clark Rd
Paradise CA 96959

Proposals Due: 2:00 pm, Thursday October 17, 2019

Addendum #1 contains the following:

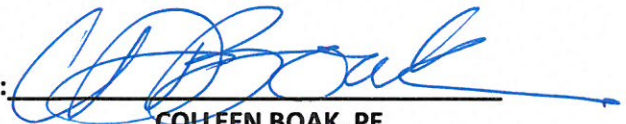
1. RFP Questions and Answers
2. **Revision to Bid Form 00300 – Use for Final Bid Submission**
3. Revisions to Specifications
4. Revised Plan Holders List

This signed Addendum cover sheet must be returned with your Proposal.

Authorized Signature of Proposer

Company Name

APPROVED:



COLLEEN BOAK, PE

Project Engineer/Construction Manager

colleenb@wwengineers.com

530-240-6180

DATE ISSUED: 10 October 2019

RFP Questions and Answers

- 1. Are any of the services located in the Caltrans right of way? If so, will slurry backfill be required?**

Answer: Bids should be prepared in accordance with all PID requirements included in the Bid Documents. Any additional/changed requirements pertaining to work within the Caltrans Right of Way, if applicable, will be addressed with a Change Order to the contract.

Revisions to Bid Form 00300 – For Use in Final Bid Submission

1. **Bid Form 00300** – See attached.

NOTE TO BIDDER: Use typewriter or BLACK ink for completing this Bid Form.

SECTION 00300

BID FORM

To: Paradise Irrigation District

Address: 6332 Clark Road,
Paradise, CA 95969

Project Identification: 18-L2, Service Lateral Replacement Project

1. BIDDER'S DECLARATION AND UNDERSTANDING.

1.1 This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

1.2 In submitting this Bid, Bidder acknowledges and accepts CONTRACTOR's representations as more fully set forth in the Agreement Form.

1.3 In submitting this Bid, Bidder certifies Bidder is qualified to do business in the state where the Project is located as required by laws, rules, and regulations or, if allowed by statute, covenants to obtain such qualification prior to contract award.

2. CONTRACT EXECUTION AND BONDS.

2.1 The undersigned Bidder agrees, if this Bid is accepted, to enter into an Agreement with OWNER on the form included in the Bidding Documents to perform and furnish Work as specified or indicated in the Bidding Documents for the Contract Price derived from the Bid and within the Contract Times indicated in the Agreement and in accordance with the other terms and conditions of the Bidding Documents.

2.2 Bidder accepts the terms and conditions of the Bidding Documents.

00300-1

3. INSURANCE.

3.1 Bidder further agrees that the Bid amount(s) stated herein includes specific consideration for the specified insurance coverages.

4. CONTRACT TIMES.

4.1 Bidder agrees to accept Contract Times set forth in the Agreement Form.

5. LIQUIDATED DAMAGES.

5.1 Bidder accepts the provisions in the Agreement Form as to liquidated damages.

6. ADDENDA.

Bidder hereby acknowledges that it has received Addenda Nos. _____, _____, _____, _____, _____, _____ (Bidder shall insert number of each Addendum received) and agrees that Addenda issued are hereby made part of the Bidding Documents, and Bidder further agrees that this Bid includes impacts resulting from said Addenda.

7. SUBCONTRACTORS.

7.1 Bidder agrees to submit with their Bid a listing of all subcontracting firms or businesses that will be awarded subcontracts for portions of the Work which equal or exceed one-half of one percent of the Total Contract Price.

8. SALES AND USE TAXES.

8.1 The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated Bid prices for the Work.

9. BASE BID – OPEN CUT TRENCH INSTALLATION

9.1 Unit Price Work – Schedule A

9.1.1 Bidder proposes to accept full payment for the Unit Price Work proposed herein the amount computed under the provisions of the Bidding Documents and based on the following unit price amounts, it being expressly understood that the unit prices are independent of the exact quantities involved. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to furnish and install the item, including all allowances for overhead and profit for each type and unit of Work called for in these Bidding Documents.

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9.1.2 Award will be based on consideration of Schedule A items only.

9.2 Bidder agrees to accept as full payment for the proposed Work within the Bidding Documents, based upon the undersigned's own estimate of quantities and costs and including sales, consumer, use, and other taxes, and overhead and profit, the lump sum of:

(words)

(figures)

_____ \$ _____
 _____ Dollars

Schedule A				
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
1.	Initial Project Mobilization and Final Demobilization	1 LS	\$	\$
Item 1 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
2.	Mobilization and Demobilization from a Service Lateral Site Location	850 EA	\$	\$
Item 2 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
3.	Excavation of Corp Stop at a Project Site Location	850 EA	\$	\$
Item 3 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount

00300-3

4.	Shoring Required (per project site location)	200 EA	\$	\$
Item 4 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
5.	Traffic Control Required (per project site location)	850 EA	\$	\$
Item 5 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
6.	Asphalt Restoration	81,500 SF	\$	\$
Item 6 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
7.	Curb/Gutter/Sidewalk Restoration (per project site location)	650 EA	\$	\$
Item 7 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
8.	Soils Testing Required (per project site location)	650 EA	\$	\$
Item 8 Subtotal				\$
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
9a.	Furnish and Install Replacement Service Laterals – Open Trench Installation <i>Assume an average buried depth of 5 ft and an average length of 35 ft.</i>			
	High-density Polyethylene (HDPE)			
	1. 1"	21,000 LF	\$	\$
	2. 1.5"	4,050 LF	\$	\$
	3. 2"	1,250 LF	\$	\$
Item 9 Subtotal				\$

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Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
10.	Furnish and Install Hot Tap Saddle Connections (up to 400 locations)			
10a.	4" Water Main			
	1. 1" Service Lateral	64 EA	\$	\$
	2. 1.5" Service Lateral	12 EA	\$	\$
	3. 2" Service Lateral	4 EA	\$	\$
10b.	6" Water Main			
	1. 1" Service Lateral	100 EA	\$	\$
	2. 1.5" Service Lateral	24 EA	\$	\$
	3. 2" Service Lateral	12 EA	\$	\$
10c.	8" Water Main			
	1. 1" Service Lateral	64 EA	\$	\$
	2. 1.5" Service Lateral	12 EA	\$	\$
	3. 2" Service Lateral	4 EA	\$	\$
10d.	10" Water Main			
	1. 1" Service Lateral	10 EA	\$	\$
	2. 1.5" Service Lateral	3 EA	\$	\$
	3. 2" Service Lateral	3 EA	\$	\$
10e.	12" Water Main			
	1. 1" Service Lateral	48 EA	\$	\$
	2. 1.5" Service Lateral	8 EA	\$	\$
	3. 2" Service Lateral	4 EA	\$	\$
10f.	14" Water Main			
	1. 1" Service Lateral	4 EA	\$	\$
	2. 1.5" Service Lateral	2 EA	\$	\$

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		3. 2" Service Lateral	2 EA	\$	\$
	10g.	16" Water Main			
		1. 1" Service Lateral	12 EA	\$	\$
		2. 1.5" Service Lateral	4 EA	\$	\$
		3. 2" Service Lateral	4 EA	\$	\$
Item 10 Subtotal					\$
Total (Combine Items 1- 9a,10)				\$	

All other associated items of work and incidentals that are required to complete this project and provide a fully functioning facility in accordance with the contract documents are considered to be included in the Bid Schedule items and no additional compensation will be made by the District.

9.3 Bid Alternate – Schedule B

9.1.1 Bidder proposes to accept full payment for the Unit Price Work proposed herein the amount computed under the provisions of the Bidding Documents and based on the following unit price amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, if the OWNER chooses to execute Bid Alternate options listed in Schedule B below. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to furnish and install the item, including all allowances for overhead and profit for each type and unit of Work called for in these Bidding Documents.

9.1.2 Award will be based on consideration of the Schedule A Items above, not including Schedule B.

9.4 If exercised by the OWNER, Bidder agrees to accept as full payment for the proposed Schedule B Bid Alternate Work listed below, based upon the undersigned's own estimate of quantities and costs and including sales, consumer, use, and other taxes, and overhead and profit, the lump sum of:

(words)

(figures)

_____ \$ _____
 _____ Dollars

00300-6

Schedule B - Bid Alternates				
<i>Not considered for award</i>				
Item No.	Description	Quantity and Unit	Unit Price	Extended Total Amount
9b.	Furnish and Install Replacement Service Laterals - Trenchless Installation (Bid Alternate, not considered in Award process) <i>Assume an average buried depth of 5 ft and an average length of 35 ft.</i>			
	High-density Polyethylene (HDPE)			
	1"	21,000 LF	\$	\$
	1.5"	4,050 LF	\$	\$
	2"	1,250 LF	\$	\$
Item 9b Total				\$

10. SURETY.

10.1 If Bidder is awarded a construction contract from this Bid, the surety who provides the Performance and Payment Bond(s) shall be:

Whose address is

Street

City

State

Zip

11. LICENSE.

11.1 Class _____, California Contractor License No.: _____.

12. BIDDER.

An Individual

By _____

00300-7

(Individual's name and signature)

A Partnership

By _____

(Partnership name)

(Name and signature of general partner)

(Title)

A Corporation

By _____

(Corporation name)

(State of incorporation)

By _____

(Name and signature of person authorized to sign)

(Title)

(Corporate Seal)

A Joint Venture

By _____

(Business name)

00300-8

(Name and signature of person authorized to sign)

By _____

(Business name)

(Name and signature of person authorized to sign)

(Each joint venturer must sign. The manner of signing each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Name, Phone Number, and Address for receipt of official communications and for additional information on this Bid:

SUBMITTED ON _____, 2019.

++ END OF SECTION ++

00300-9

Revisions to Specifications

1. Replace Specification Section 01200, Part 1.2 with the following:

1.2 DESCRIPTION OF UNIT PRICE BID ITEM – SCHEDULE A

A. Item 1, Initial Project Mobilization and Final Demobilization:

Initial Project Mobilization will include all labor and equipment necessary to assemble in the vicinity of the project and stage said labor and equipment in order to make ready to perform the work. Final Demobilization shall include removal of the same once either work had been completed.

1. Measurement and Payment: This item shall be paid as a 60%/40% split between Mobilization prior to commencement of the work and Demobilization following Final Project Completion and project acceptance by the owner. Demobilization shall include submission of complete and correct Record Drawings to the OWNER.

B. Item 2, Mobilization and Demobilization from a Project Site Location:

Mobilization from a project site will include all labor and equipment necessary to assemble at a location identified for service lateral replacement and make ready to perform the work. Locations shall be identified and prioritized by OWNER or their representatives. Project locations will not necessarily be collocated or contiguous as they will be selected to support rebuilding efforts in collaboration with the Town of Paradise. Demobilization shall include removal of all labor and equipment once either work had been completed, or the site has been determined by the OWNER to be unsuitable for the work to be completed following excavation of the corporation stop and assessment of the main and valve condition.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site mobilization/demobilization directed by the OWNER, regardless of whether work was completed at the site following the excavation and assessment of the Corporation Stop and Main condition at that location. Each instance shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 850 locations will require mobilization/demobilization.

C. Item 3, Excavation of Corporation Stop at a Project Site Location:

This item will include all labor, materials, equipment, and supplies required to excavate and expose the corporation stop at a project site location identified by the OWNER for service lateral replacement. The OWNER or ENGINEER will perform an inspection and assessment of the corporation stop and main at the location and determine whether work is to proceed. If work does not proceed, the corporation stop must be reburied and the pavement patched at that location.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site excavation of the corporation stop directed by the OWNER, regardless of whether work was completed at the site following the assessment of the main and valve at that location. Each instance shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 850 sites will require exploratory excavation of the corporation stop for assessment.

D. Item 4, Shoring Required:

This item shall include all labor, materials, equipment, and supplies necessary to properly shore an excavation or trench at a project site location identified by the OWNER, in accordance with all local, State, and Federal safety standards. This will apply where excavation or trenching exceeds maximum depth and/or soil conditions outlined in said standards. If conditions exceed commonly available industry standard shoring equipment, a professionally engineered system may be required.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site identified by the OWNER where an excavation or trench is determined to require shoring in order to meet local, State, and Federal safety regulations. Each instance shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 200 sites will require shoring.

E. Item 5, Traffic Control Required:

This item shall include all labor, materials, equipment, and supplies necessary to properly execute Traffic Control as needed at each project site, in accordance with all local, state, and federal regulations and safety standards. Conditions at each location will vary, requiring Traffic Control measures to be adjusted appropriately. Considerations shall be made for other Recovery-related operations taking place throughout the Town of Paradise. CONTRACTOR shall not impede such activities and shall take extra precautions to plan Traffic Control and in road work to accommodate such activities.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site identified by the OWNER where a project location is determined to require Traffic Control in order to meet local, State, and Federal safety regulations. Each instance shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 850 sites may require Traffic Control Measures.

F. Item 6, Asphalt Restoration:

This item shall include all labor, materials, equipment, and supplies necessary to restore or replace asphalt damaged or removed from each project site location resulting from the execution of contract work. This shall include the restoration of asphalt pavement per Specification Sections 02770 as well as the Standard Details included in the Contract Documents. A temporary cold patch may be made, to be replaced with a full HMA patch prior to project completion.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site identified by the OWNER where contract work is executed and resulting in the removal of or damage to existing asphalt paving or concrete flatwork. If a cold patch asphalt is used temporarily, 40% of the total square footage price for a site shall be retained until such time as full HMA is restored at that sight. Each instance of cold patching shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 850 sites will require Asphalt and/or Concrete Restoration. The average square footage of asphalt repair required at each open trenched site can be estimated at 125 square feet.

G. Item 7, Curb/Gutter/Sidewalk Restoration:

This item shall include all labor, materials, equipment, and supplies necessary to restore or replace concrete damaged or removed from each project site location resulting from the

execution of contract work. This shall include the restoration of concrete per Specification Sections 03300 as well as the Standard Details included in the Contract Documents.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site identified by the OWNER where contract work is executed and resulting in the removal of or damage to existing concrete flatwork. It is anticipated that up to 650 sites may require Concrete Restoration.

H. Item 8, Soils Testing Required:

This item shall include certified and independent third party testing and verification of compaction and moisture requirements for backfill at each project site location identified to require such testing by the ENGINEER, in accordance with Specification Section 02300 and industry standards. CONTRACTOR shall be responsible for the coordination of said testing and provision of documentation for all results to the OWNER or their representative. Failure to meet the compaction and moisture requirements referenced in 02300 will result in no payment until such time as the issue has been corrected and new test results demonstrate compliance.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each site identified by the OWNER where a project location is determined to require soils testing. Test result documentation must be provided for a site to be eligible for payment. It is anticipated that up to 650 sites may require Soils Testing as directed by the OWNER or their representative.

I. Item 9a, Furnish and Install Replacement Service Laterals: This item shall include all labor, materials, and supplies required to install replacement service laterals in up to 650 locations throughout the OWNER's service area, as identified by the OWNER. Service laterals installed shall be High-density Polyethylene (HDPE) in 1", 1.5", or 2" sizes, determined in the field by OWNER or their representative based on field conditions and in accordance with Specification Sections 01130, 15100, and 15100 PSDS HDPE SL. For bidding purposes, CONTRACTOR may assume an average service lateral length of 35 ft and an average buried depth of 5 ft. Conditions will vary and final configuration, size, and location of each lateral will be determined by the ENGINEER on site. New service lateral piping will be connected to an existing corporation stop or a new hot tap as determined by the ENGINEER and installed in accordance with Standard Details included in the Contract Documents. Note: Award shall be based upon consideration of bid pricing for Item 8a, Open Trench Installation for all 650 Laterals. Item 8b is to be considered a bid alternate, as OWNER may decide to execute service lateral installations using Trenchless Installation, as conditions allow. The CONTRACTOR shall be paid at the unit price per linear foot (LF) included in the Bid Form for each service lateral installed at the direction of the OWNER or ENGINEER. Measurements of the actual linear footage of pipe installed will be taken in the field at each location and agreed to between the CONTRACTOR and the ENGINEER.

1. Measurement and Payment for Item 9a: Open Trench Installation
Payment for the total linear footage at each location where work is completed shall be the unit price per linear foot (LF) for Item 9a included in the Bid Form for each service lateral installed at the direction of the OWNER or ENGINEER. Measurements of the actual linear footage of pipe installed will be taken in the field at each location and agreed to between the CONTRACTOR and the ENGINEER.

J. Item 10, Furnish and Install Hot Tap Saddle Connections:

This item shall include all labor, equipment, materials, and supplies necessary to install hot tap saddle connections given the main and lateral size configurations called out in the Bid Form 00300, Schedule A and in accordance with the Standard Details included in these Contract Document. Each main must be assessed to determine the appropriate size service saddle for the application. Main materials and sizes vary (OD, Standard, etc) and must be field verified. For each project site location identified by the OWNER, the ENGINEER or OWNER's representative will make a determination upon excavation and assessment of the existing corporation stop, whether the existing valve may be adapted and used, or whether a new hot tap will be necessary. Main depth will vary. Service lateral size will be determined in the field by the ENGINEER.

1. Measurement and Payment: The CONTRACTOR shall be paid at the unit price included in the Bid Form for each hot tap installed, based on main and lateral size at that location. Each instance shall be documented and agreed to in the field between the CONTRACTOR and the ENGINEER. It is anticipated that up to 400 sites will require a hot tap to facilitate installation of the new service lateral at that location.

2. Add Specification Section 01200, Part 1.3:

1.3 Description of Unit Price Bid Item – SCHEDULE B (BID ALTERNATE)

A. Item 9b Furnish and Install Replacement Service Laterals:

This item shall include all labor, equipment, materials, and supplies required to install replacement service laterals in up to 650 locations throughout the OWNER's service area, as identified by the OWNER. Service laterals installed shall be High-density Polyethylene (HDPE) in 1", 1.5", or 2" sizes, determined in the field by OWNER or their representative based on field conditions and in accordance with Specification Sections 01130, 15100, and 15100 PSDS HDPE SL. For bidding purposes, CONTRACTOR may assume an average service lateral length of 35 ft and an average buried depth of 5 ft. Conditions will vary and final configuration, size, and location of each lateral will be determined by the ENGINEER on site. New service lateral piping will be connected to an existing corporation stop or a new hot tap as determined by the ENGINEER and installed in accordance with Standard Details included in the Contract Documents. Note: Award shall be based upon consideration of bid pricing for Item 9a, Open Trench Installation for all 650 Laterals. Item 9b is to be considered a bid alternate, as OWNER may decide to execute service lateral installations using Trenchless Installation, as conditions allow. The CONTRACTOR shall be paid at the unit price per linear foot (LF) included in the Bid Form for each service lateral installed at the direction of the OWNER or ENGINEER. Measurements of the actual linear footage of pipe installed will be taken in the field at each location and agreed to between the CONTRACTOR and the ENGINEER.

1. Measurement and Payment for Item 9b: Trenchless Installation
Payment for the total linear footage at each location where work is completed shall be at the unit price per linear foot (LF) for Item 9b included in the Bid Form for each service lateral installed at the direction of the OWNER or ENGINEER. Measurements of the actual linear footage of pipe installed will be taken in the field at each location and agreed to between the CONTRACTOR and the ENGINEER.

Plan Holders List

PID Service Lateral Replacement Project

Advertised: 9/11/2019

Bids Due: 10/17/2019

<u>Company</u>	<u>Phone</u>	<u>Email</u>
1 Jason Abel Construction	530-824-2022	anna@jabelconstruction.com
2 MJ Shelton	530-624-1440	randy@mjshelton.com
3 Omni Pipeline	530-527-1167	thomasbyrne@omnipipeline.com
4 Visinoni Brothers	530-624-6517	dino.visinoni@visinonibrothers.com
5 Franklin Construction	530-680-0276	myles@franklinconstruction.com
6 Lorang Brothers	707-310-0321	carol@lorangbrothers.com
7 KW Emerson	209-768-0767	mike@kwemerson.com
8 Rapid Construction	775-315-3261	rapidconst@aol.com
9 Nevada County Contractors' Association		ncrecep@pacbell.net
10 Teichert	530-510-5143	estimating@teichert.com
11 Vinguerra Construction	209-223-3610	wvinciguerra@att.net
12 Sukut Construction	714-540-5351	estimating@sukut.com
13 Construct Connect	800-364-2059	amela.mcmahan@constructconnect.com
14 RR Horn	530-342-8655	jared@rrhorn.com
15 Sutton Enterprises	209-736-5959	joew@surewest.net