

Service Lateral Replacement Project RFP Addendum #1

Project Description:	RFP to provide replacement of up to 650 potable water service lateral	als
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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. Revisions to Specifications
- 3. Revisions to Standard Details
- 4. Optional Prebid Meeting Agenda and Sign In Sheet

This signed Addendum cover sheet mu	ust 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: 1 October 2019





RFP Questions and Answers

1. How many crews do you expect to have on site?

Answer: Crew number and size will be determined by the contractor in order to meet the production targets called out in the RFP - an average of 6 laterals installed per day (assuming an average of 35 linear feet per service).

2. Are materials being provided by PID?

Answer: Materials will not be provided by PID.

3. Inspection of pavement by Butte County?

Answer: Pavement inspection will generally be performed by the ENGINEER for this project, not Butte County. A Town of Paradise Inspector will be notified of asphalt restoration locations and may conduct intermittent inspections. Pavement shall be restored per the details in the Bid Documents, which are Town of Paradise standards.

4. Size of pothole for corporation stop?

Answer: The size of the pothole for the corporation stop should average $2' \times 3'$ at the corporation stop - large enough to inspect the condition of the main, saddle, and corporation stop at the connection. The assessment of these components will determine whether work proceeds at that site or is deferred for PID staff to address.

5. Will the sites be inspected as we go?

Answer: Yes, the sites will be inspected as work is completed. The ENGINEER will inspect daily and track the amount of work which was performed (potholes completed, hot taps completed, lineal feet of service lateral, etc.)these quantities will be agreed upon daily between the CONTRACTOR and ENGINEER, the documentation will be shared, and will be used in the development and approval of the CONTRACTOR's monthly pay application.

6. How will the soils testing be handled?

Answer: The contractor shall make direct arrangements for testing in accordance with the specifications. There will not be soils testing required for pothole backfill. The contractor will be provided with a two-week look ahead of site locations for planning purposes. At that time, the sites where compaction testing will be required will be so identified.

7. Are the services going back in the same location?

Answer: Yes. Wherever possible, new service laterals will be installed in the same location as previous. If a new hot tap is required, or the on-site inspector indicates otherwise, a service lateral may be installed with a new alignment. PID staff will be working to mark each site with surveyor's lath and blue tape at the desired service lateral termination point before the contractor reaches that site. Angled lateral runs from an existing corp stop to a new termination location may be approved by the ENGINEER.

PARADISE IRRIGATION DISTRICT SERVICE LATERAL REPLACEMENT PROJECT



8. How will Underground Service Alert (USA) be handled?

Answer: Contractor will be given a projected list of site locations for the coming two weeks at each progress meeting. This should allow time to USA the upcoming locations. Along with the other impacted utilities (PG&E, etc.), USA will contact PID for location of existing corp stops. PID staff will manage USA requests as they come in.

9. Bid Form: Please clarify the 8A & 8B alternates and the basis for award.

Answer: Item 8a on the bid form (Open Trench Installation of Service Laterals) will be considered as part of the total bid for award determination. Item 8b (Trenchless Installation of Service Laterals) is a bid alternate and will not be considered in the total amount for award determination. Bid Form 00300 will be revised to clarify.

A new Bid Form 00300 for use in submitting final bids will be issued no later than October 10, 2019 in a subsequent Addendum.

10. Please clarify asphalt restoration with an estimate of square footage per service.

Answer: For estimating purposes, assume an average of **125** square feet of asphalt restoration per service lateral on open trench installation. Bid Form 00300 has been updated to reflect a square foot unit price for asphalt installation. A new Bid Form 00300 for use in submitting final bids will be issued no later than October **10**, 2019 in a subsequent Addendum.

11. What size is the entire PID area?

Answer: The PID service area covers an approximate area of 18.2 square miles.

12. What are the MBE/WBE requirements?

Answer: There are no specific targets or procedures for MBE/WBE utilization on this project.

Paradise Irrigation District encourages all bidders to make a good faith effort to utilize small, local, and disadvantaged subcontractors wherever possible.

Please see the revision to Specification Section 00100, Part 12 included in this Addendum.

13. What about rain/weather delays?

Answer: The completion of the project within 180 days is of critical importance to the rebuilding of the community; however, it is understood that this construction will primarily take place during the wet season. While minor rain events should not prohibit completion of project work, additional days will be given for weather in accordance with Specification Section 01320, as revised by this Addendum 1. Please see changes to Specification Section 01320 – 1.5B, detailed below.

14. Is this project part of a larger series of upcoming projects?

Answer: No, this project is a standalone project with no currently anticipated follow up contracts for the PID water system.

PARADISE IRRIGATION DISTRICT SERVICE LATERAL REPLACEMENT PROJECT



15. Is the contract duration 180 calendar days or work days?

Answer: Per Specification Section 00080 of the RFP, the contract duration is 180 calendar days.

- 16. Will flowable fill be considered for backfill in lieu of the requirement for compaction testing?

 Answer: Flowable fill shall be allowed in accordance with revised Detail TB-1 Trench Backfill and Restoration Requirements, included in this Addendum 1.
- 17. It appears that existing services have meter boxes, who will be responsible to reset or connect the new service to a meter box?

Answer: Reconnecting a new service to a meter box will be done by PID staff following installation of the new lateral by the contractor, not as part of this contract. CONTRACTOR's responsibility is only to install the service lateral to a termination point field indicated by PID and cap it.

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

 Answer: This question will be addressed in Addendum 2.
- 19. Can a contingent item be added to address curb/gutter or sidewalk?

Answer: Bid Form 00300 will be revised to add a unit price item specific to in-kind concrete repair, separate form asphalt restoration. A new Bid Form 00300 for use in submitting final bids will be issued no later than October 10, 2019 in a subsequent Addendum.

20. Can asphalt quantities be bid as a unit price?

Answer: Bid Form 00300 will be revised to address this request. The Asphalt Restoration bid item will be altered to reflect a square foot unit price. A new Bid Form 00300 for use in submitting final bids will be issued no later than October 10, 2019 in a subsequent Addendum.

21. What is the existing water main material where hot taps will be installed?

Answer: Main material varies throughout the PID service area. There is no specific guidance available on main type that will be encountered as locations will be identified for lateral replacement throughout the PID service area.

22. Is there a soils report available?

Answer: No.

23. Will new services be installed at residential, collector, or arterial streets?

Answer: Per 01130 Section 1.4, locations for new services will be identified based on supporting recovery and rebuilding efforts. The contractor will be provided a prioritized list of service laterals to be addressed, which are likely not to be collocated or adjacent. The locations will be determined based on permitting processes and temporary housing requests and therefore will not conform to a pattern of street types/sizes.





Revisions to Specifications

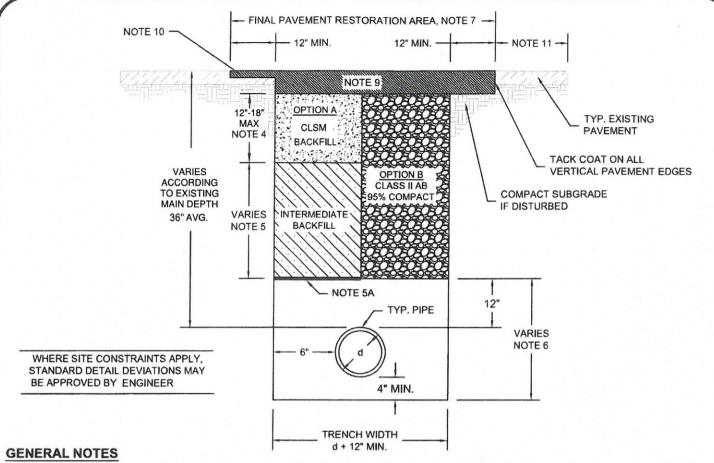
- 1. Replace Specification Section 00100, Part 12 with the following:
 - 12.1 Bidders, including prospective Subcontractors, are encouraged to utilize small, local, and disadvantaged business entities wherever possible. There are no specific utilization target percentages associated with this project nor will any preference be considered for award.
 - 2. Add the following paragraph to Specification Section 01320, Item 1.5 ADJUSTMENT OF CONTRACT TIME AND CHANGE ORDERS:B. Additional Weather Days shall be granted, 1 for 1, and an adjustment made to the contract time to account for instances of weather and environmental conditions preventing the completion of project work. The following conditions shall be met and documented in a daily report to qualify for a contract time extension:
 - 1. A "Weather Day" shall be defined as a greater than 40% predicted likelihood an excess of 0.25 inches of precipitation within a 24 hour period on the National Weather Service website: https://www.weather.gov/
 - 2. An "Paving Weather Day" shall be defined as environmental conditions which do not meet the Caltrans standards for a scheduled placement of Hot Mix Asphalt pavement:
 - a. A minimum ambient temperature of 55 degrees Fahrenheit and rising.

The CONTRACTOR shall notify the ENGINEER in writing of each day that shall be claimed as a Weather Day or Paving Weather Day when it occurs.

- 2. Add the following paragraph to Specification Section 02300, Item 1.5 A:
 - 7. Mix Design and Product data for proposed backfill materials except native soil, including Controlled Low Strength Material (CLSM) if use is intended.

Revisions to Standard Details

TB1 – Revised to address optional use of flowable fill (CLSM) for partial backfill.



- ALL WORK SHALL CONFORM TO TOWN OF PARADISE MUNICIPAL CODE CHAPTER 12.14 ENCROACHMENT AND EXCAVATION PERMITS,
 PARADISE IRRIGATION DISTRICT WILL COORDINATE THE NECESSARY PERMITS WITH THE TOWN OF PARADISE.
- 2. ROADWAYS STRUCTURALLY IMPROVED BETWEEN 3-10 YEARS FROM PROPOSED EXCAVATION SHALL COMPLY WITH STANDARD DETAIL TB-2 FOR FINAL PAVEMENT RESTORATION AREA REQUIREMENTS.
- 3. CONTRACTOR SHALL BACKFILL ALL TRENCHES PER OPTION A OR OPTION B AS NOTED ON THIS DETAIL. CONTRACTOR SHALL PROVIDE APPLICABLE COMPACTION REPORTS
- 4. 12"-18" MAX CONTROLLED LOW STRENGTH MATERIAL (CLSM), MAX STRENGTH 100 PSI. MIX DESIGN SHALL BE SUBMITTED FOR APPROVAL BY ENGINEER.
- 5. INTERMEDIATE BACKFILL SHALL BE EITHER:
 - A. NATIVE SOIL PROCESSED TO 90% COMPACTION (FILTER FABRIC REQUIRED)
 - B. CLASS II AGGREGATE BASE PROCESSED TO 90% COMPACTION
 - C. SAND 1/4" MINUS IN SIZE, 100% PASSING A #4 SIEVE, NOT MORE THAN 5% PASSING A #200 SIEVE, COMPACTED TO 12" LIFTS (02300 2.1F)
- 6. INITIAL BACKFILL SHALL BE EITHER:
 - A. SAND 1/4" MINUS IN SIZE, 100% PASSING A #4 SIEVE, NOT MORE THAN 5% PASSING A #200 SIEVE (02300 2.1F)
 - B. OTHER BACKFILL AS REQUIRED BY UTILITY OWNER
- 7. EXCAVATION WILL REQUIRE THE REMOVAL OF EXISTING PAVEMENT IN TWO SEPARATE INTERVALS; FIRST, COLD PLANE OR SAWCUT INITIAL TRENCH WIDTH. WHEN TRENCH WORK HAS BEEN COMPLETED, FINAL PAVEMENT RESTORATION LIMITS SHALL BE COLD PLANED OR SAWCUT PER WIDTHS SHOWN ABOVE (36" MINIMUM). FOR EXCAVATIONS PARALLEL TO THE ROADWAY, FINAL RESTORATION EDGE SHALL NOT BE WITHIN TYPICAL VEHICLE WHEEL PATH, CONFIRM LIMITS WITH TOWN ENGINEER PRIOR TO SECOND PAVEMENT REMOVAL INTERVAL.
- 8. CONTRACTOR MAY PLACE AND MAINTAIN COMPACTED TEMPORARY PAVEMENT (SC-800 COLD MIX) PRIOR TO SECOND PAVEMENT REMOVAL INTERVAL AS NOTED BELOW:
 - A. APRIL-OCTOBER: 30 CALENDAR DAYS MAX. FROM PROJECT COMPLETION OR UNTIL NOV. 1, WHICHEVER DATE IS FIRST.
 - B. NOVEMBER MARCH: FINAL PAVING RESTRICTED BY WEATHER, COORDINATE WITH TOWN ENGINEER.
- 9. ALL FINAL PAVING SHALL BE TYPE A HOT MIX ASPHALT (HMA), ½" OR ¾" AGGREGATE. PLACEMENT OF HMA SHALL BE IN ACCORDANCE WITH SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS. HMA DEPTH SHALL BE 4" MIN. ON LOCAL ROADS/COLLECTORS AND 6" MIN. ON ARTERIALS.
- 10. IF EXISTING PAVEMENT SECTION IS 4" OR GREATER IN DEPTH, CONTRACTOR MAY COLD PLANE AND PAVE FINAL RESTORATION AREA TO A DEPTH OF 1½"- 2".
- 11. IF PAVEMENT RESTORATION EDGE IS WITHIN 24" OF EDGE OF PAVEMENT OR LIP OF GUTTER, CONTRACTOR SHALL REPLACE TO ASSOCIATED PAVEMENT EDGE.
- 12. CONTRACTOR SHALL SEAL PAVEMENT EDGES WITH AN ASPHALT EMULSION 4" ON EACH SIDE OF INALINDOINTS.
- 13. CONTRACTOR SHALL REPLACE ALL OBLITERATED TRAFFIC MARKERS, MARKINGS AND STRIPES



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

5555 Skyway Paradise, California 95969

Phone: (530) 872-6291 Fax: (530) 877-5059

Standard Detail TB1

Trench Backfill and Restoration Requirements

Modified for PID Service

Lateral Replacement Project





PREBID Meeting Agenda

Date:	Wednesday, September 18, 2019		
Time:	2:00 P.M. – 3:00 PM		
Location:	Paradise Irrigation District Office – Board Room 6332 Clark Rd, Paradise, CA 95969		
Meeting:	Optional PREBID Meeting – Service Lateral Replacement Project		
Attendees:	Paradise Irrigation District (PID) Kevin Phillips, General Manager	Water Works Engineers (WWE) Colleen Boak, PE Sami Kader, PE	

Item No.	Description		
1.0	INTRODUCTION AND OVERVIEW A. Meeting Purpose: OPTIONAL PREBID MEETING FOR PARADISE IRRIGATION DISTRICT SERVICE LATERAL REPLACEMENT PROJECT – replacement of 650 potable water service laterals throughout the PID service area in support of the rebuilding and recovery efforts following the 2018 Camp Fire. B. Sign In Sheet – All must sign in with Company Name and Contact Information C. Introduction of PID and WWE staff		
2.0	REQUEST FOR PROPOSALS A. Project was published on September 11, 2019 B. Bids are due Thursday, October 17, 2019 by 2pm C. Bid Documents are available through: 1. CIPList.com 2. Local Builders' Exchange Online Plan Rooms 3. Nevada County Contractors' Association 4. PID website: https://pidwater.com/rfp 5. WWE (Contact Colleen Boak colleenb@wwengineers.com) - hard copies available for purchase (\$100). D. Whatever is said during the PREBID Meeting is meant to be helpful but does not supersede the Bid Documents. Bidders must rely on published Addenda for official answers to questions. E. All questions asked at the PREBID Meeting will be recorded and posted in an Addendum.		
3.0	 PROJECT OVERVIEW A. Replacement of up to 650 potable water service laterals with new HDPE laterals in locations throughout the PID service area. B. 180 calendar day contract – target an average of 6 laterals (~200 lf) installed/day C. Locations will be selected and prioritized by a team of PID and WWE staff, coordinated with building permits through the Town of Paradise Building Department. 		



- 1. Consecutive installation sites may not be contiguous or in the same general area.
- If there is any issue with a particular site that might cause a disruption in the order of locations, Contractor needs to communicate that to the CM or Engineer at soon as it is known.
- D. A two-week look ahead of sites will be provided to the contractor at each weekly progress meeting.
- E. It is anticipated that there may be a number of sites where conditions dictate that work not proceed further than excavation of the corporation stop. This will be decided by the CM or ENGINEER, if needed PID staff. The Bid Form accounts for potential overruns in the number of corporation stops excavated.
- F. Each site will be different, so unit price items applicable to each site will be determined and agreed to each day between the contractor and the CM, documented in a daily report.
- G. Payment will be based upon each site's specific conditions and installation.
- H. Weekly progress meetings will be held to coordinate progress and discuss upcoming locations.
- Documentation of installations at each location will be important forms will be provided.
- Laydown/storage space will not be provided by PID contractor must make their own local arrangements.
- K. There will not be a job walk included as part of today's meeting, but we do encourage you to drive around town and look at conditions and some of the other recovery-related activities currently taking place.

4.0 BID ITEMS/SCOPE

Each site will have varying conditions. The following items are broken out in the bid form to address the variability of project work:

- A. Initial Mobilization/Final Demobilization
- B. Mobilization and Demobilization from a Project Site
 - 1. Assume sites are noncontiguous. Prioritization will not be based on efficiency of grouping locations.
- C. Excavation of a Corporation Stop
- D. Shoring Required
 - 1. Depending on the existing depth of the main at that location, shoring may be required. Shall be in accordance with all applicable safety standards.
- E. Traffic Control Required
 - This will vary depending on the site. Some locations will be on major thoroughfares where TC is more significant. Some locations may only require some signage. All must comply with all applicable safety regulations and MUTCD standards.
 - Coordinate as necessary with other recovery related activities happening in an area (debris removal, etc).
- F. Asphalt/Concrete Restoration

PARADISE IRRIGATION DISTRICT Paradise Irrigation District SERVICE LATERAL REPLACEMENT PROJECT



7.0	QUESTIONS?
6.0	A. Sealed Bids for construction services for the Service Lateral Replacement Project addressed to Paradise Irrigation District, 6332 Clark Road, Paradise, CA 95969 will be received until 2:00 p.m., local time, on Thursday, October 17, 2019. Any Bids received after the specified time will not be considered. Bids will then be publicly opened and read at 6332 Clark Road. B. PID Board Approval – late October 2019 C. Notice to Proceed – November 1, 2019 D. Beginning of Services – November 1, 2019 E. Project Completion – May 1, 2020
5.0	 COMMUNICATION A. WWE Staff (CM) on site, with input from PID Operations Staff B. Oversight and management of construction activities, planning, and prioritization of locations managed by WWE (Engineer). C. Interactive at each site as conditions are assessed by the CM and decisions are made regarding tie in, lateral size, termination location. D. Inspection of each lateral before backfill by CM. E. Inspection by PID staff as necessary
	 In compliance with Standard Details included in the back of the bid documents, according to Town of Paradise and/or Butte County standards for asphalt pavement and/or concrete curb and gutter. Asphalt restoration may be phased (cold mix temporary patch, followed by HMA final patch) to account for weather or efficiency of installing final HMA patching at one time. Soils Testing Required Furnish and Install Replacement Service Laterals – OPEN TRENCH INSTALLATION Broken down by overall estimated length of 1", 1.5", and 2". Looking for a LF price for each. In accordance with the Standard Details in the back of the bid documents. Some service laterals serve single meters, others serve a banked set of meters – there is a detail for each. For banked meters, contractor will only install the common line and terminate as the detail shows. In some cases, the existing corporation stop may be used and adapted, per PID-ROSC. In other cases, a new hot tap will be required. Assume average depth of 5 ft and average length 35 feet ***BID ALTERNATE – NOT CONSIDERED FOR AWARD*** Furnish and Install Replacement Service Laterals – TRENCHLESS INSTALLATION Broken down by estimated length of 1", 1.5", and 2". Looking for a LF price for each. Same assumptions as Item H above. Furnish and Install Hot Tap Saddle Connections This will apply where it is identified by CM or ENGINEER that the existing corporation stop is not reusable at that location.





PRE-BID SIGN IN SHEET

Wednesday September 18, 2019

PID Office Board Room

NAME	COMPANY	PHONE	EMAIL
Tremaine Roots	Badger Daylishty	916 2238417	TROOTS @ bedger inc. com
Bobert Cerun	tos NEWIAND	510-682-2780	
MAKK Ven Pools	Pace Supply	530.933-0639	
Jason Starr	Sutton Eut	209-559-1127	Chrplason & Khoo com
Joe Whittle	Suffery Ent	916-712-8995	joew@surewest. Not
ALEX QUEIRO	TEICHERT	916 - 835 - 0787	aqueipo & TEICHERT. com
Luke Andrews	Stony Creek Engineers	530-526-3191	luke@scgeinc.com
Mike Vitello	Lorang Brothers Con		Mike Ve Lorang bothers, com
MAIT LORANG	LORANG BROTHER SCO	NST 916-417-9537	mattalorang brothers. Co
Jesse Murray	Badger Daylishing	530-605-9687	je murray@ bedgering.rum
Domenia Selmi	Rapid Const.		rapid constray aut. com
DANNY selni	RAPID CONSTRUCTION		RAPIDCONST-QAOI.COM
JASONABEC.	JASON ABEZCONSTINC	530 824 7027	ANNAC ABECCONSTRUCTION
DINO / PANONA	VISINONI BROS	530-341-3543	DING VISINONI (B)
Jake SHEAFFER	MRGIE		Maury C ROIECA.COM



PRE-BID SIGN IN SHEET

Wednesday September 18, 2019

PID Office Board Room

NAME	COMPANY	PHONE	EMAIL
Jured Springer	R&R Hoon	530-342-	Jand Orrhom.com
John Montgory Daniel Inlach	LAMON COV.	6711370	INDIONI CONSTRUCTION. COM
Daniel Imlach	SAL Group	530 782-000Z	dimlache suline com Clayton, oldse suline com
OAN EMELSON	K.W. EMENSOPIN	754-3839	Mike Okwemenson
			((0 /2)

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 Vinviguerra Construction	209-223-3610	wvinciguerra@att.net
12 Sukut Construction	714-540-5351	estimating@sukut.com