

**CALAVERAS COUNTY WATER DISTRICT  
EBBETTS PASS WATER SYSTEM  
REACH 1 WATER PIPELINE REPLACEMENT PROJECT**

**ADDENDUM #1**

**Issued: Tuesday, December 11, 2018**

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*\*\*\*\* Receipt of addenda must be acknowledged by Bidders on the BID FORM, Section 00410, Page 410-1; failure to acknowledge receipt may cause rejection of bid. \*\*\*\**

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**Bid Date (Changed):** The bid opening date has been extended. Bids will be accepted at office of the Calaveras County Water District at 120 Toma Ct., San Andreas, CA 95249 no later than 2:00 PM local time on Tuesday, January 29, 2019, at which time all bids received will be publically opened and read aloud.

**PART A. PROJECT MANUAL / SPECIFICATIONS**

1. Section 00410 “Bid Form”, change units for Bid Item 25 from tons (TONS) to cubic yards (CY) with quantity (60) to remain unchanged/same.
2. Section 00410 “Bid Form”, on page 00410-8, delete the following text, “See following supplemental fitting schedule for additional fittings as required for field conditions not shown on the Plans.”
3. To be consistent with soils report, revise Section 02315 “Trench Excavation, Backfill and Compaction”, Article 2.3 B, and Section 02200, “Structure Excavation and Backfill”, Article 2.2 B, for “non-roadway” condition to allow for select native material to have up to maximum 57.3% passing #200 sieve.
4. Section 15114, Pressure Reducing and Relief Control Valves, Article 2.5, delete sentence, “~~Provide valves for PRV with anti-cavitation trim when specified~~” and replace with, “Furnish PRV #7 and #8 with anti-cavitation trim in addition to all other specified features.”

**PART B. DRAWINGS**

1. Sheet 42 of 67: On plan view the existing 24” culvert at STA 198+84 is shown correctly with flowline of 3,332.54. In profile, this culvert is incorrectly shown with flowline of 3,338. Install new 12” water main above culvert at STA 198+84 with 4’ minimum cover and adjust profile from STA 198+90 to 199+90 accordingly.

**PART C. BIDDER’S QUESTIONS / REQUESTS FOR INFORMATION**

1. The following questions (Q) and answers (A) from Q1/A1 through Q15/A15 are in reply to questions asked by prospective bidders at the pre-bid meeting on November 15, 2018. Additional questions include Q16/A16 through Q22/A22 received from prospective bidders on or before December 6, 2018.

**Q1:** The soils report for the bore and jack crossings do not meet the 200 sieve requirements for select native backfill. Is using select native backfill possible for bore and jack crossings?

**A1:** Notwithstanding other requirements of contract specifications, the District will allow native material with 31.7% to 57.3% passing #200 sieve (per samples in soils report) as backfill for bore and jack pits.

**Q2:** Is the 10 foot limit on the final portion of the project that goes through the forest service land the absolute limit?

**A2:** The current use permit issued by the U.S. Forest Service (USFS) states, “Tractors, jeeps or other mechanized construction equipment shall not be operated outside of right-of-way specified by this permit without prior written approval of the District Ranger.” Any flexibility in working limits are contingent upon the Contractor’s proposed plan of activities and potential impacts. For purposed of bidding, prospective bidders should assume all ground disturbing work is restricted to 10-ft right-of-way. Given that special status plants are in one area of USFS property (see CEQA document), no additional working space would be possible in that specific area.

**Q3:** Can the bypass line be placed outside the 10 foot limit?

**A3:** Same as A2 above.

**Q4:** Are there laydown areas already approved?

**A4:** No laydown areas are already approved by CCWD. It is the Contractor’s responsibility to pay costs and secure temporary use of land for laydown areas. Laydown areas proposed by the Contractor subject to approval by CCWD including potential review by a field biologist and/or archaeologist.

**Q5:** The Project Manual mentions a supplemental fitting schedule, is there a contingency fitting bid schedule?

**A5:** There is no such schedule. On Sheet 00410-8, Bid Form delete, “See the following supplemental fitting schedule for additional fittings as required for field conditions now shown on the Plans.”

**Q6:** In the area of bypass is it only main to main connections? Will there be any meter connections or any other connections?

**A6:** According to the sequence of construction in Section 02110, there would typically be no meters or service connections in the temporary bypass segments. However, at Station 108+00 (Sheet 24), PRV#8 and associated highway crossing to the north side of SR4 must be connected to the temporary bypass piping or water service maintained to customers by equal means.

**Q7:** Is there an engineer estimate?

**A7:** There is a 5 million dollar Engineers Estimate in the Advertisement for Bids, Section 00100 of the Project Manual. This estimate may be low in light of the current bid environment.

**Q8:** Do DBE requirements apply.

**A8:** The Pipeline Replacement Project is being funded by the District's Capital Improvement Funds. While it is a prevailing wage project and requiring certified payrolls, there are no DBE requirements.

**Q9:** Do American Iron and Steel (AIS) requirements apply?

**A9:** No, AIS does not specifically apply. However, ductile iron pipe is to be domestic sourced from either U.S. Pipe, American, or McWane. Ductile iron fittings (tees, crosses, bends, etc.) may be either domestic or imported, but mechanical restraint glands must be domestic.

**Q10:** The replacement pipeline will be fully restrained DIP mechanical joints other than a few thrust blocks?

**A10:** The main line pipe is to be replaced by fully mechanically restrained DIP either TR FLEX or Flex-Ring joints. Thrust blocks are required at all tie-in connections to existing water mains and at gate valves (Detail W03), hydrants (Detail W04), Blow-off's (Detail W06A), etc.

**Q11:** For the construction of 8" and 12" water mains where rock excavation is required, is all hard rock disposal required by contractor?

**A11:** Yes, the contractor is required to dispose of all excess trench spoil, which also includes hard rock waste material not conforming to the select native backfill specification.

**Q12:** Is the district considering a rock clause?

**A12:** No, not at this time. See Section 02315-1, Article 2.1, and Section 00700-11, Article 5.04.

**Q13:** What is the proposed bid date?

**A13:** The bid date/time is being changed to January 29, 2019 at 2:00 PM local time.

**Q14:** With respect to the tree removal, are all trees located within 5' of either side of the replacement pipeline alignment to be removed?

**A14:** Refer to Section 02150, Site Preparation, where specific trees (species, size and condition) 4" dbh and larger are listed to be removed in the work zone. If conditions justify removing more trees (of size 4" dbh or larger), change order for extra work must be approved by the Engineer.

**Q15:** Does it specify to the contractor what to do if roots are encountered?

**A15:** Refer to BIO-7 in the Mitigation, Monitoring and Reporting Plan (MMRP) of project environmental (CEQA) document. Also, refer to Section 02150, Article 1.5 "Grubbing". If working within tree's drip line, monitor excavation to avoid damaging larger roots and if necessary cut away with hand pruning saw; do not rip or pull on large roots with heavy equipment. Obviously, for trees scheduled to be removed, there is no concern about damaging or removing the roots.

**Q16:** Caltrans Encroachment Permit No. 1018-NUK-0308, page 2 of 7, paragraph 3: "Contractor will be charged applicable inspection fees." The referenced permit states that the Permittee (CCWD) must provide a Resident Engineer or an independent construction management company to provide the daily construction contract administration and inspection services with the State representative providing construction inspection oversight. What amount of Caltrans inspection fees should the Contractor anticipate over the course of this project?

**A16:** By change order, the District will reimburse the Contractor for all inspection fees directly invoiced by Caltrans, but no markup, overhead or profit will be allowed on this item. It is the District's duty to retain the subject Resident Engineer or Construction Manager that is independent from the Contractor's own management and operations.

**Q17:** The following questions regard the Calaveras County Encroachment Permit:

- Has CCWD been issued a County Encroachment permit? If "Yes", can a copy be provided to the Contractor?
- Will all County roads crossed with the new waterline require slurry backfill?
- Will the Contractor be compensated for all slurry backfill required by Calaveras County via Bid Item No. 27?

**A17:** Here are the corresponding answers about the County Encroachment Permit:

- Most work is in Caltran's right-of-way, but the Contractor will have to obtain a County Encroachment Permit for limited work in County roads.
- Contractor shall assume Class 2 A.B. backfill under all roads, not slurry.
- Yes, if it's required by the County, Bid Item No.27 establishes a unit price for slurry.

**Q18:** Existing underground utilities in the Forest Meadows area: Plan sheets 16 of 67 and 17 of 67 include a note stating "verify location of existing Forest Meadows area underground utilities before beginning pipeline replacement project improvements". The existing storm drain and existing waterlines / water system are shown on the drawings in this area, but no other existing underground utilities are shown on the drawings.

**A18:** As is always the case, the Contractor is required to notify USA North 811 before digging and protect any marked utilities. The District is not aware of specific utility conflicts, but there is an existing sewer main in the vicinity and electrical power to overhead light poles.

**Q19:** The proposed bypass from Station 105+00 to Station 109+30 bypasses an existing PRV and 6" water lateral that crosses Hwy 4. The drawings do not indicate that the existing PRV is to be connected to the bypass with a temporary lateral. Is the existing PRV 8 to be connected to the proposed bypass from Station 105+00 to Station 109+30 with a temporary lateral?

**A19:** Yes, PRV 8 and lateral crossing Hwy 4 must remain in service. Yes, this must be done by connecting PRV 8 to the bypass via a temporary lateral.

**Q20:** On sheet 42 of 67, the flowline note in the plan view for the existing 24" dia. culvert at Station 198+84 is 3332.54, which is consistent with the contour lines. The profile shows the culvert with a flowline of 3338 and subsequently shows the proposed waterline going under the existing culvert. If the flowline elevation of 3332.54 is accurate, would the proposed waterline be installed above the existing culvert pipe, not below as indicated in the profile?

**A20:** Yes, the waterline should be installed above not below the existing culvert.

**Q21:** There is existing landscape from Station +/- 58+00 to +/- 59+00, and Station +/- 49+75 to +/- 50+75. The later area has irrigation, filter fabric, mulch and dense mature plants. The existing landscaping must be removed in order to construction the proposed improvements. What is the Contractor's responsibility with respect to restoration of existing landscaped areas?

**A21:** Yes, the Contractor is to return/restore the subject areas to pre-construction condition as best as practical including replacing filter fabric, much, irrigation lines, and plants. It's okay to replace mature plants in same kinds and numbers of readily available sizes from a nursery (e.g. 1-gallon containers).

**Q22:** The unit for Bid Item No. 25 - Minor Concrete & Thrust Blocks on the bid schedule is TONS. Should units be CY, not TONS?

**A22:** Yes, instead of TONS, units should be changed to cubic yards (CY).

**END**