ADDENDUM NUMBER 1  
Dated: November 7, 2019

to the  
Notice to Bidders, Special Provision, Proposal and Contract Documents  
for Construction of  

MOSQUITO ROAD STABILIZATION PROJECT – PHASE 1  
PROJECT NO. 41819  
City of Placerville

Bids Due: Thursday, November 14, 2019; 2:00 p.m.  
City Clerk (or designated representative) at City Hall, who will receive at  
3rd Floor Engineering Department  
3101 Center Street, Placerville, CA 95667  
(530) 642-5250

This Addendum is issued to the Mosquito Road Stabilization Project – Phase 1. Submit proposals for this work with the understanding and full consideration of this Addendum. The revisions declared in this Addendum are essential parts of the Contract.

Bidders are also directed to sign this Addendum as acknowledged, and attach the complete, signed Addendum to the Proposal.

The following responses to questions asked to date:

Question No. 1: Has groundwater been discovered by the City during design potholing?

Answer: Groundwater was observed at potholes adjacent to the existing culvert at the intersection of Mosquito Road and Hocking Street (STA 11+00±) at approximately 44”.

Question No. 2: How does the existing sewer cross the culvert at Hocking Street?

Answer: It is believed that the existing 8” sewer dives under the culvert from the east and then rises back up on the west side. This has been referred to as a “siphon”. There is no video record, so this segment will require video inspection in the field. If it is determined that CIPP lining is not possible, then this lining segment will be removed from the scope of work.
Question No. 3:  What are the AC trench section requirements for the project?

Answer: AC trench restoration section shall comply with Detail 2/Sheet 6, Note 11 & 12.

Question No. 4:  What type of traffic control will be required for the project.

Answer: Traffic control shall comply with the MUTCD. Sacramento County DOT traffic control templates are acceptable submittals.

Question No. 5:  What is the expected flow in the 8” sewer.

Answer: Per Spec Section 01200 – Sewer Bypassing and Dewatering, 1.02, the contractor should be prepared to bypass flows in excess of 0.30 MGD.

Question No. 6:  What is the anticipated start date for construction?

Answer: The required start date for construction will be no later than January 27, 2020.

Question No. 7:  Is staging required at the Placerville Station gravel lot?

Answer: Per Spec Section 01110 – Summary of Work, 7.0A, the contractor shall stage at the vacant City owned property at 2950 Mosquito Road adjacent to Placerville Station.

Question No. 8:  There are three existing storm drain crossings scheduled to be lined in the scope of the project. Could those crossings be replaced by open cut instead of lined?

Answer: If replacement is preferred to CIPP lining, storm drain crossings may be replaced. Refer to Detail 1/Sheet 2 (Sewer Trench) for trench section requirements. Acceptable storm drain pipe material will include class 3 RCP, PVC, HPPP, or equivalent. HDPE is not acceptable. Refer to Detail 2/Sheet 6, Note 11 for AC trench restoration section requirements.

Question No. 9:  Is there naturally occurring asbestos expected in the project area?

Answer: No naturally occurring asbestos has been discovered in the project area. However, the existing 6” water main is confirmed to be asbestos clay. Refer to Spec Section 01354 – Hazardous Materials, 5.0.

Question No. 10:  Will a State encroachment permit be required for traffic control?
**Answer:** No, State ROW is approximately 900’ south of the P.O.B. of the project. According to the MUTCD, the buffer space + ½ taper length + signage spacing for 30 MPH posted limit is 200’ + 90’ + 3 x 120’ = 650’, which is well within the City ROW.

**Question No. 11:** I have not found the surface and invert elevations for 3 of the 4 manholes noted in Bid Item 34. Sheet 5 shows the profile at Sta. 1+10. The Bid Item calls for Cast-in-Place but the Specs indicate Precast.

**Answer:** It is important to note that these four manholes are not remove and replace. All four proposed manholes are new, so the existing main must be located in the field by the contractor at each location. Although bid item 34 and the plans refer to these manholes as cast-in-place (CIP), only the channelized manhole bases will be CIP. Risers, cone sections, and grade rings shall be precast. Refer to the appropriate El Dorado Irrigation District (EID) Standard Drawings in Appendix C and EID Technical Specification for manholes - 33 39 19 - in Appendix D of the Project Specifications. The existing cover is not known for the following proposed manholes: A-Line STA 3+75, 48’± RT, and STA 4+43, 21’± RT. **For bidding purposes, bidders should assume that the sewer main at these two locations has up to 10’ of cover.** The alignment of the sewer main at A-Line STA 16+87, 21.6’ RT is accurately shown on the plans, but the cover is not known. However, at this location **for bidding purposes, the cover is expected to be up to 4’.** No additional information is available for these proposed manholes. See Item No. 5 in this addendum.

The following changes are made to the Project Plans, Notice to Bidders, Special Provisions, Proposal, and Contract as part of this addendum:

**Item No. 1: Corrected Drafting Errors**

Regarding plan Sheet 3 of 10, “Water Main Replacement and Sewer Improvements”, change existing water service line at A-Line STA 9+44 from thick (proposed) to thin (existing), and turn on layer containing proposed sewer manhole at A-Line STA 10+02, 23.1’ RT.

**Item No. 2: Corrected Drafting Error**

Regarding plan Sheet 4 of 10, “Water Main Replacement and Sewer Improvements”, change existing sewer cleanout symbol abbreviation from “CL” to “CO” at A-Line STA 11+55, 11.7’ LT.
Item No. 3: Modify Keynote:

Regarding plan Sheet 4 of 10, “Water Main Replacement and Sewer Improvements”, change the first word in Keynote 22 from “Begin” to “End”.

Item No. 4: Corrected Drafting Errors

Regarding plan Sheet 5 of 10, “Sewer Main Replacement Sewer Water Main Crossing Profile Details”, change existing sewer cleanout symbol abbreviation from “CL” to “CO” at B-Line STA 1+50, and turn on layer containing new 1” water service at B-Line STA 1+33, 8.8’ RT.

Item No. 5: In the Technical Specifications add the following to Section 01200, “Measurement and Payment”, Page 17, Bid Item 34 – 48-Inch Cast-in-Place Sewer Manhole:

F. Bidder shall include the cost to locate, pothole, and clear and grub as necessary the existing 8” sewer main at each of the four proposed manhole locations shown in the project plans to determine actual alignment and depth. Additional compensation shall not be made for this work.

Attachments:
Sign-in Sheet – Pre-Bid Meeting (11/6/2019)
Modified Plan Sheets 3, 4, & 5 (11/7/19)

This addendum has been prepared under the direction of the following registered Civil Engineer:

[Signature]

A. Cory Schiestel, PE Date 11/7/2019
Acknowledgment:

I have reviewed the materials included in Addendum 1 to the Mosquito Road Stabilization Project – Phase 1 and understand the information provided is included as part of the Special Provisions, Proposal and Contract.

By: ________________________________

Bidder’s Signature                          Date

______________________________

Bidder’s Name (printed)

______________________________

Name of Company
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MOSQUITO ROAD

STABILIZATION PROJECT
WATER MAIN REPLACEMENT AND SEWER IMPROVEMENTS

KEYNOTES

1. PLACE 40 LF of 12" OPP OPP Lining.
2. CROSS 12" OPP SO PIPE PER DETAIL 3. UTILITY COVER=12" L.
3. STA 10471 - CONNECT (N) 8" W TO (E) 6" ACP PER DETAIL 4. COVER=36" D.
4. END (D/3) 30 LF 6" OPP LINING SEGMENT.
5. PLACE (N) 8" GATE VALVE PER DETAIL 7.
6. STA 10471 - CONNECT (N) 6" W TO (E) 6" ACP PER DETAIL 7. COVER=36" D.
7. END (D/3) 118 LF 6" OPP LINING SEGMENT.
8. TYPE 1 METER REPLACEMENT - INSTALL (N) SERVICE METER, RESIDENTIAL PRESSURE REGULATOR & TRAFFIC RATED METER BOX PER DETAIL 8. MAINTAIN 1' CLEAR OVER 10F OF (E) 4" W PER 8.
9. END (D/3) 136 LF 6" OPP LINING SEGMENT.
10. CONNEC T15' (N) 4" W TO (E) 4" W PER DETAIL 10.
11. STMT4" X TEE FITTING 11.
12. 6" 22.5 FITTING, USE 2" 12.
15. END (D/3) 32 LF 6" OPP LINING SEGMENT.
16. END (D/3) 280 LF 6" OPP LINING SEGMENT.
17. INSTALL 6" GATE VALVE PER DETAIL 17.
18. STA 13428 - INSTALL NEW DRY rall 284 LF 6" OPP LINING SEGMENT.
19. STA 13470 - INSTALL NEW DRY rall 284 LF 6" OPP LINING SEGMENT.
20. PLACE TWO NEW SOLIDORS PER DETAIL 20.
21. STA 13477, 216" FT - INSTALL (N) CIP TRENCH MANHOLE PER BSD STD DWG 3000 & 3001 (SEE APPENDIX C OF SPEC). 60" COVER TO (E) MANHOLE.
22. END (D/3) 145 LF 6" OPP LINING SEGMENT.

NOTE:
1. (N) WATER MAIN SHALL BE DN-18 INSTALLED PER TYPICAL SECTION DETAIL 2/B.
2. CONTRACTOR SHALL EXPECT 1" TO 1/2" CONCRETE BASE LAYER BETWEEN STA 3400 TO STA 7450 (APPROX). CONCRETE BASE COULD BE DISCOVERED IN OTHER LOCATIONS WITHIN THE PROJECT AREA.
3. (N) 6" WATER MAIN TRENCH TO BE BENTH WITH 5" AC SECTION AND 3" DEEP A-70 FROM STA 10471 TO P.O.E.
4. A SERIES TRENCH RAMPING 48 PIPE CONTROL PLAN, COMPARED WITH PROJECT SPEC SECTION 3000, IS REQUIRED TO BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO OPERATING SYSTEM FLOWS.
5. EXISTING 8" ACP AND 6" STEEL TO BE ABANDONED IN PLACE.
6. LOCATION OF WATER METERS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
7. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
8. MAINTAIN 1' CLEAR (HORIZONTAL) BETWEEN WATER AND SEWER PPEELS.
9. COVER DEEPER PROVIDE ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
10. SOAP Lining SEGMENTS TO BE INSTALLED PER PROJECT SPECIFICATION 3321.
11. ALL WORK ROADWAY DURING SHALL BE TEMPORARY FOR PROJECT SPEC SECTION 02670.