



City of Placerville

Engineering Department

3101 Center Street, Placerville, CA 95667
(530) 642-5250

ADDENDUM NUMBER 1

Dated: October 10, 2023

to the

**Notice to Bidders, Contract, Proposal, Special Provisions and Plans for Construction of
BROADWAY MAINTENANCE PROJECT CIP #42003
City of Placerville**

**Bids Due (Revised Date & Time): Tuesday, October 24, 2023; 2:00 p.m.
City Hall, 3rd Floor, 3101 Center Street Placerville, California**

This addendum is issued to the Broadway Maintenance Project. 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 changes are made to the Notice to Bidders, Proposal, Special Provisions and Project Plans Project Plans:

Notice to Bidders

Replace the paragraph in the Completion of Work section in the Notice to Bidders with the following:

COMPLETION OF WORK: Paving operations are anticipated to occur at night from the hours of 10 pm to 8 am, Sunday through Thursday. Concrete and utility work is anticipated to occur during normal working hours from 7 am to 5 pm, Monday through Friday. No work shall be performed by the Contractor on Friday nights, Saturday, or City designated holidays.

Proposal

Replace Contractor's Bid and Bid Price Schedule with revised Contractor's Bid and Bid Price Schedule.

Questions and Answers

The City received the following questions:

Question 1: What items are included in the *Connect to Existing Water System* bid item?

City's response to Question 1: Refer to paged SP-46 – SP-47 of the Special Provisions for details on what is included in the *Connect to Existing Water System* bid item.

Question 2: After review of the outfall of the 36" UV CIPP Liner, it appears outfall is towards the middle of the culvert. A 36" UV liner is very heavy and has to be pulled in, due to the location of the outfall this is going to make the install extremely difficult with the weight of the liner and the bends that would need to be negotiated for install. Can a

manhole be added to the project and placed just before the bridge and the last portion of the 36" Liner be made into two segments?

City's response to Question 2: A manhole has been added to the plans on revised sheet C23.

Question 3: Can you provide depths of the Manholes for the UV CIPP Liner?

City's response to Question 3: Refer to plan sheet revisions for sheet C23, below and attached, for manhole and inlet depths.

Question 4: Special Provisions Page SP-31 62-2.02A Summary Paragraph 3 - States that "The minimum thickness for the UV Liner Shall be shown as on the contract documents." There are no minimum thickness's in the documents, please provide any minimum thickness requirements.

City's response to Question 4: Thickness for the UV liner shall be calculated using ASTM F1216 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube or ASTM F1743 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP).

Question 5: Please provide physical property requirements for the UV CIPP Liner.

City's response to Question 5: At a minimum, the pipe lining shall have the following physical properties:

Polyester Resin	ASTM Test	Initial Values psi (MPa)
Flexural Strength	D790	4,500 (31)
Flexural Modulus	D790	250,000 (1,710)
Tensile Strength	D638	3,000 (20.5)
Vinyl-Ester Resin	ASTM Test	Initial Values psi (MPa)
Flexural Strength	D790	5,000 (34.5)
Flexural Modulus	D790	300,000 (2,050)
Tensile Strength	D638	4,000 (27.5)

Initial Values are determined by ASTM D638 and D790.

Project Plans

The following sheets of the original Project Plans have been modified as follows. Sheets indicated with an asterisk (*) are to be replaced with the revised sheets attached to this Addendum.

- Sheet C05: Revised pipe zone bedding material in detail 18. Pipe zone backfill shall be 3/4" Class II AB.
- Sheet C14*: Revised alignment of new water main and limits of steel casing pipe in Mosquito Road. Added a new water service replacement for property at southwest corner of the Mosquito & Broadway intersection (1144 Broadway).
- Sheet C18*: Revised 10" gate valve at Sta. 40+38 to be an insertion valve.
- Sheet C19*: Revised alignment of new water main and limits of steel casing pipe in Mosquito Road.

- Sheet C23*: Added depths to the existing storm drain manholes and inlets in the systems receiving UV Cured SD CIPP Lining. Added 60" storm drain manhole to this stretch of storm drain to facilitate installation of liner.

Special Provisions

Modifications to the Special Provisions are as follows:

- Add to Section 19 EARTHWORK:

Add to section 19-1.03:

It is anticipated that all excavating efforts will be achievable by use of a medium sized excavator, such as a CAT 325 excavator with rock bucket, or other industry approved piece of similar equipment.

- Add to Section 77-4.02B(6)(3) MATERIALS:
Insertion valve shall be either Hydra Stop Instavalue 250, Mueller Permaseal Insertion Valve, Romac Industries Inserta Valve, or approved equal. Insertion valve to be installed per manufacturer's specifications.
- Replace the fourth (4th) paragraph in section 77-4.04 PAYMENT with:
The various Gate Valve and Insertion Valve bid items shall be paid for on a per unit basis. Measurement shall be based on the actual number of Gate Valves and Insertion Valves installed. The contract unit price paid for each Gate Valve and Insertion Valve shall include full compensation for all labor, materials, tools, equipment and incidentals, and for doing all the work involved, complete and in place, as specified per Section 3.6 and EID Standard Drawing W12 of the El Dorado Irrigation District Design Standards and as directed by the City Engineer and Department of Public Works, manufacturer's specifications and no additional compensation will be allowed.
- Revise the first sentence in the paragraph under 77-1.02B Pipe Zone to:
Material for the pipe zones of water and sewer mains, and storm drain pipes shall be 3/4 inch Class II Aggregate Base.
- Add to section 77-1.02B Pipe Zone
Backfill material for the pipe zones for water service lines shall be consistent with Section 19-3.02F(2) of the Caltrans standards Specifications:

Sand bedding must consist of sand:

1. Free of clay or organic material
2. Suitable for the purpose intended
3. Complying with the gradation requirements shown in the following table:

Sieve size	Percentage passing
No. 4	90–100
No. 200	0–5

Additional Clarifications

The City has obtained a Caltrans Encroachment permit (see Attachments). Contractor is advised that they will need to apply for a double permit, or permit for construction, with Caltrans.

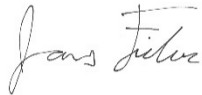
The City has performed CCTV inspections of the storm drain system. The video footage and inspection reports can be obtained from the following link:

https://rey-ftp.reyengineers.com/public/folder/yFzA_EEn2EiQ2Q23pL76KA/Broadway%20Maintenance%20SD%20CCTV

Attachments:

- Revised Contractor's Bid and Bid Price Schedule
- Revised Plan Sheets
- Sign-in sheet from Pre-Bid Conference
- Caltrans Encroachment Permit (separate PDF attachment)

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



10/10/2023

James W. Fisher, PE

Date

