

February 5, 2018

RESPONSE TO REQUEST FOR INFORMATION (RFI) 1 - 9

The submitted RFI questions are below, followed by the City of Merced's response.

1. *"Section 7-5-- Permits on page 61 of the Project Specifications calls for contractor to procure all permits. Looks like possible permits could be City of Merced, County of Merced, and Merced Irrigation District. I do not see any Dummy Permits. Are these all permits required and how much will permits cost?"*

Response: The permits required for this project include, not limited to:

- **City of Merced: No-Fee** Encroachment Permit Issued by the Engineering Department at the Pre-Construction Kick-off Meeting.
- **Merced County:** Contact Merced County for Encroachment Permit Fees and Process. **Include all costs in Bid Item 1.**



Al Buenrostro

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- **Merced Irrigation District (MID):** The Permits are currently under negotiation with MID, and presently, estimated at \$5,000. The revised Bid Schedule reflects the proposed fee to MID.
- **Additional permits**, as required, if applicable: i.e. Dust Control Permit/Procedure per SJVAPCD, SWPPP implementation and BMPs per WRCB, etc.

It is the responsibility of the contractor to verify any additional permits required by any other government agency, if and when applicable. Contractor is responsible for any fees associated with permits.

2. *"Section 10-1.24 24" SANITITE HP Sewer Main, Field Pipe and Joint Performance, page 98. Due to the removal and replacement nature of this project it is considered Live Line replacement. Testing procedures called out are not conducive to this type of installation. Can testing procedures be waived or modified?"*

Response: The project plans and specifications call for a sewer bypass pump. The newly installed line will not be active during testing procedures.

3. *"Sections 10-1.15 Earthwork page 93 state contractor is responsible for removal and disposal of buried man-made objects (septic tank). Will unknown buried objects be dealt with as a change order?"*

Response: The contractor shall immediately notify the City Engineer, Project Manager and Inspector of all changes in project conditions. Time permitting, the contractor shall issue a formal Contract Change Order request for review and approval by the City of Merced. If the changes are time critical, as determined by the City Engineer, the contractor shall complete work items on a Time and Material basis and the City Inspector shall be on site for the full duration of the Change Order work.

4. *“Are there boring logs available for this project?”*

Response: There are no Boring Logs for this project location on file with the City of Merced. The City of Merced has directly contracted a Geotechnical Engineer for all soil testing required for this project.

5. *“At Station 8+53.61 the plans show to abandon the existing S.S. [sanitary sewer] manhole. The manhole is over the pipe that is to be removed and replaced. How does the City want contractor to abandon? Should this be a remove manhole per Bid Item #2?”*

Response: The Existing Manhole shown approximately at Station “GER” 8+53.61 (5.16’ RT) shall be **REMOVED** following the procedures in the Approved Project Specifications. See revisions to plans set. Additional information is available for the concrete pad basketball court at this location.

6. *“Plan Sheet 7 in Plan View upper left-hand corner says ‘Remove existing Manhole.’ Detail 2/7 shows to abandon existing manhole. Remove? Abandon?”*

Response: The Existing Manhole shown approximately at Station “GER” 26+69.83 (10.00’ RT) shall be **ABANDONED** in place following the procedures in the Approved Project Specifications.

7. *“The March 1st, 2018, date for MID work will not be possible. Please, clarify.”*

Response: Refer to the **Addendum 1** issued for this project. Construction shall include bypass pumping at the MID lateral.

8. *“Plan Detail 4/9 reference to the project Geotechnical report for trench foundation requirements. Please, provide the Geotechnical report.”*

Response: There is no Geotechnical report for this project. Detail 4/9 shall be constructed in the Merced County Right-of-way. Proceed with detail as shown. For all trench locations, use the governing agency’s applicable details and/or the direction of the City Engineer or his representative.

9. *“What type of pipe are the laterals that we are reconnecting to new sewer main or manholes?”*

Response: Per the Project Specifications and City Standard Detail S-7:

Section 10-1.25 “All incoming and out flowing sewer mains or laterals shall be extended and re-connected to the new manhole as required and as shown on the plans, using like materials and C-594 sewer repair couplings with stainless steel shear rings, or an approved alternative method.”

Section 10-1.26 “Connection of the new service lateral to the mainline shall be accomplished by means of a compression-fit service connection. The service connection shall be specifically designed for connection to the sewer main being installed, and shall be INSERTA TEE as manufactured by Fowler Manufacturing Co. Hillsboro, Oregon, (503) 357-2110; or approved equal. Install using procedures and equipment as referenced in manufacturer’s written installation instructions.

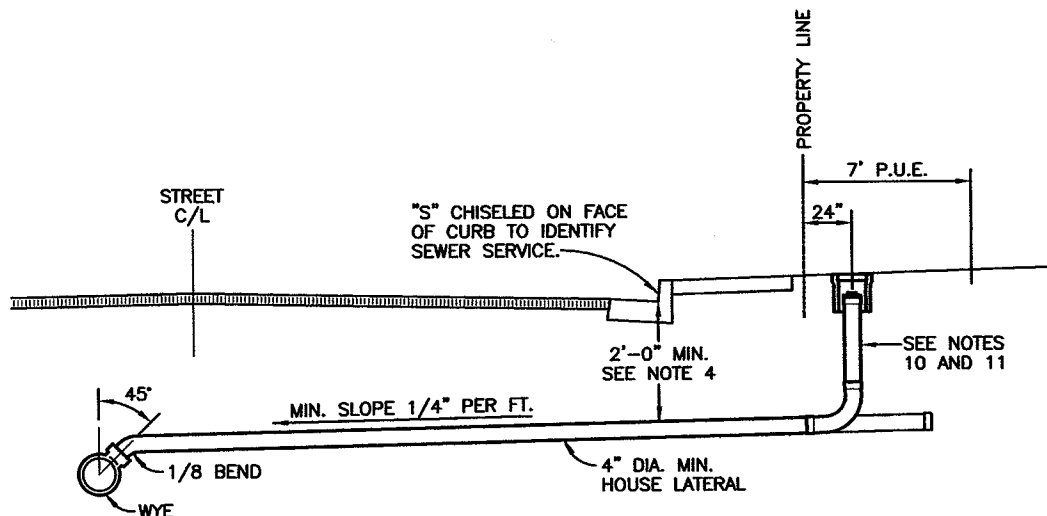
This item includes all pipe replacement or extensions, fittings, bends, couplings, trenching, backfill, compaction and paving. The work shall comply with **City Standards S-7** (Sewer Lateral).”

City Standard Detail S-7: See the attached sheet for the full detail.

Additional notes: The Sewer Bypass for this project shall be from Sewer Manhole to Sewer Manhole. All Laterals located within the limits of each Bypass Phase may be *shut-off for a maximum of four (4) hours* with proper notice to residents to allow for installation of main, mandrel test, and pressure test, prior to reconnection.

Reminder:

Important Dates	
<i>Pre-Bid Conference</i>	<i>Bid Opening</i>
<u>Location:</u> Engineering Conference Room 678 West 18 th Street Merced, CA 95340	<u>Location:</u> Purchasing Conference Room 2525 “O” Street Merced, CA 95340
<u>Date:</u> February 6, 2018	<u>Date:</u> February 20, 2018
<u>Time:</u> 10:00 a.m.	<u>Time:</u> 2:00 p.m.



NOTES:

1. All house laterals shall be a 4" minimum diameter unless otherwise noted. Except as otherwise noted below, house laterals shall be ASTM D3034-00 (SDR-35).
2. Laterals shall have same bedding and backfill as sewer main (see Sheets T-1 through T-3).
3. Sewer services shall have minimum 2' cover at property line whenever lateral depth and service slope of 1/4" per foot (min.) permit.
4. When the sewer lateral does not meet a minimum 2' cover at gutter flowline, it must either be encased in concrete per details on Sheet W-1 (Case II, Zone D), or pipe material must be Ductile Iron Pipe Class 50 within the traveled way.
5. Well compacted bedding material shall be placed under the wye branch, the fitting, and unsupported pipe. Additional bedding material shall be placed to top of bend, the full width of the trench.
6. Miter fittings shall not be used.
7. See details of special construction for water, sewer crossings.
8. Sewer laterals which cannot be installed under water main shall be constructed with a minimum 18' section of either Class 50 D.I.P. or C900/Class 200 PVC centered over the water main.
9. See Merced Municipal Code Section 15.08.180 for information relating to owner's liability for sewer lateral.
10. The lateral shall be installed at a minimum slope of 1/4" per foot. A 90° sweep shall be installed 2 feet behind the property line. The vertical line shall have a threaded cleanout plug and terminate into a Christy V1 Drain box (or equal), which shall be flush with the surface.
11. When the lateral is connected, the cleanout cap shall be removed, and an approved backflow prevention device shall be installed in its place, if required by Section 710.1 of the Uniform Plumbing Code.
12. Water service and sewer lateral shall have a 10-foot separation within the public right-of-way.

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.	
SEWER LATERAL			S-7
DRAWN: KGE	APPROVED BY: <i>David L. Tucker</i>	DATE: 3/17/08	SHEET OF
DATE: 1/02	CITY ENGINEER		
REVISED: 3/17/08			