



July 1, 2016

ADDENDUM NO. 2

Non-Potable Water Distribution System – Phase III CIP Project No. 592-59170

NOTICE TO BIDDERS:

The following clarifications, amendments, additions and/or deletions as set forth herein shall apply to the above documents and shall be made a part thereof and shall be subject to all the requirements thereof as though originally specified and/or shown. Bidders shall assure themselves that all addendum changes have been incorporated into their proposal.

A. AMENDMENTS

1. The bid opening date has changed. Bids are due **Tuesday, July 12, 2016, at 2:00 p.m.**
 2. **Replace** the “Casing Pipe” Paragraph of Subsection B “Union Pacific Railroad Crossing” of Section TS-22 “Pipeline Trenchless Installation” with Attachment A2-1
 3. **Replace** NOTE #2 of Sheet 11 of the Project Plans
- ~~2. CONTRACTOR TO CUT AND CAP EXISTING 4” POTABLE WATER LINE ON UPSTREAM SIDE OF EXISTING WATER METER. CONTRACTOR TO CONNECT NEW 6” NON-POTABLE WATER LINE AND NEW 6” X 4” REDUCER TO UPSTREAM SIDE OF EXISTING WATER METER.~~

With the following:

2. CONTRACTOR SHALL INSTALL A NEW 3/4” WATER METER AND MAINTAIN EXISTING POTABLE WATER LINE SERVICE FOR EXISTING COLD WATER / DRINKING FOUNTAIN SUPPLY LINE. CONTRACTOR SHALL REMOVE THE EXISTING IRRIGATION BACKFLOW PREVENTER AND RELOCATE THE EXISTING 4” WATER METER. CONTRACTOR SHALL CONNECT THE NEW 6” NON-POTABLE WATER LINE AND NEW 6” X 4” REDUCER TO THE UPSTREAM SIDE OF THE EXISTING WATER LINE USING THE EXISTING 4” WATER METER. CONTRACTOR SHALL FURNISH AND INSTALL NEW PULLBOXES AND WATER METERS IN ACCORDANCE WITH CITY STANDARDS.

PUBLIC WORKS DEPARTMENT

Engineering Division
150 City Park Way
Phone (925) 516-5420
Fax (925) 516-5421

Mailing Address
150 City Park Way, Brentwood, CA 94513
www.brentwoodca.gov

Operations Division
2201 Elkins Way
Phone (925) 516-6000
Fax (925) 516-6001

B. ADDITIONS/DELETIONS

1. **Add** the following to the end of Section TS-7 "Existing Facilities"

E. EXISTING LANDSCAPING AND IRRIGATION

Contractor shall replace in kind all existing landscaping and irrigation disturbed during construction. Contractor shall make every reasonable effort to protect existing trees and tree root systems. This shall include boring under existing trees and/or removing and replacing existing concrete walkways during construction. The Contractor shall submit a Landscaping Protection Plan prior to performing any work in the Miwok Park area. If the Contractor determines that a tree must be removed in order to perform the work, the Contractor must submit an official request with justification to the Engineer for review and approval. If the Engineer approves the request the Contractor shall remove the existing tree and reinstall 24" box trees in kind at the Contractor's expense.

The Miwok Park Plan Sheet does not show all of the existing trees. The Contractor shall review the project site and the proposed work area to determine the extent of work associated with this section.

Payment for complying with this section and all associated work, including protecting existing trees and tree roots, replacing any disturbed landscaping and irrigation in kind, boring, removing and replacing existing concrete walkways, submitting a Landscaping Protection Plan, removing existing trees and reinstalling 24" box trees in kind, shall be included in the various items of work, and no additional compensation will be allowed therefor.

All bidders shall acknowledge receipt and acceptance of Addendum No. 2 in the space provided on the Bid Proposal page 9 of the Contract Document.

-END OF ADDENDUM NO. -2-



James Campero P.E.
Construction Manager

SECTION TS-22 PIPELINE TRENCHLESS INSTALLATION**B. UNION PACIFIC RAILROAD CROSSING**Casing Pipe

Steel casing pipe shall be of leak proof construction and shall conform to the requirements of ASTM A53 (ASTM A139 Grade "B"). The pipe shall be coated inside and outside with a black bituminous coating a minimum of 5 mils thick. Steel casing pipe shall have minimum yield strength of 35,000 psi. Steel casing pipe sections shall have beveled ends with a single v-groove and shall be full penetration butt welded on the outside of the casing in accordance with the applicable portions of AWWA C206 for field welded waterpipe joints. All joints of the steel casing shall be butt welded prior to being subjected to the jacking operation. The welded joints shall be wire brushed and painted with bitumastic enamel coating in accordance with AWWA C203. The minimum inside diameter of the casing pipe shall be 4 inches greater than the largest outside diameter of the carrier pipe, joints, or couplings unless indicated otherwise. In all cases, the casing pipe *size shall be as indicated in the plans and per these technical specifications shall be large enough to allow the carrier pipe to be removed subsequently without disturbing the casing pipe or roadway subgrade.* If a larger casing diameter is shown in the plans, the larger diameter shall be used. The minimum thickness for casing pipes shall be 0.562 inches for 36-inch casing pipe and 0.437 inches for 24-inch casing pipe. Larger casing diameters and/or thicker casings shall be installed where required by the agency having jurisdiction for the crossing; as needed to resist H-20 traffic loading under street crossings, and E-80 loading under railroad crossings; as necessary to resist forces transferred to the casing during jacking operations. The Contractor shall supply and install a *24-inch minimum casing pipe for the non-potable water carrier pipe and a 36-inch minimum casing pipe for the potable water carrier pipe* in the Union Pacific Railroad right of way as shown in the Plans. Cathodic protection of the casing pipe shall be provided as shown in the Plans and as specified in section TS-26 "Cathodic Protection".