CITY OF PLACERVILLE, CALIFORNIA
DEVELOPMENT SERVICES DEPARTMENT
ENGINEERING DIVISION

ADDENDUM #4

DATE:	**02/08/2016**
PROJECT:	**BLAIRS LANE BRIDGE REPLACEMENT PROJECT**
CONTRACT No:	**40604**
BID DATE, TIME:	**02/11/2016, 2:00PM**

NOTICE TO ALL CONTRACTORS SUBMITTING BIDS AND ALL PLANHOLDERS:

You are hereby notified of the following changes, clarifications, or modifications to the contract documents. This addendum shall supersede the original contract documents and subsequent addenda. Wherein this addendum contradicts the original contract documents and previous addenda, this addendum shall take precedence. All other conditions shall remain unchanged. The change(s) specified below shall become a legal part of the original contract documents. The Bidder shall acknowledge receipt of the addendum by signing the attached acknowledgement sheet and on noting on sheet P-13 of the Proposal.

CHANGES AND/OR CLARIFICATIONS TO THE NOTICE TO BIDDERS:

None

CHANGES AND/OR CLARIFICATIONS TO THE SPECIFICATIONS:

***Replacement pages are attached for all Specification changes.**

1. Replace Proposal page P-28 "Bidder's Bond" with the updated attached version.
2. On page TSP-72, in Section 78-6.04: replace the last paragraph of this section with the following:

   "Payment for furnishing materials (including fittings, specials, and valves not otherwise paid for), installing, backfilling, (including removal of unsuitable material and replacement with suitable material) installing in casings, providing a temporary bypass of the existing line to accommodate construction described in other sections of this contract, insulating, testing, disinfection, and all other work incident to the complete installation of the polyvinyl chloride pipe will be made on the basis of linear feet."
3. Beginning on page TSP-75, in Section 78-7.04: replace the last paragraph of this section on page TSP-76 with the following:

   "Payment for furnishing materials (including fittings, specials, and valves not otherwise paid for), installing, backfilling, (including removal of unsuitable material and replacement with suitable material) installing in casings, insulating, testing, disinfection, and all other work incident to the complete installation of the polyvinyl chloride pipe will be made on the basis of linear feet."

CHANGES AND/OR CLARIFICATIONS TO THE PLANS:

NONE

BIDDER QUESTIONS:

4. Please provide clear version of Bidder's Bond.
   A. See item #1 above.

MISCELLANEOUS:

None

Contractors are required to base their bid on the plans, specifications and any issued addenda. To do otherwise shall be at the contractor's own risk.

CITY OF PLACERVILLE, CALIFORNIA
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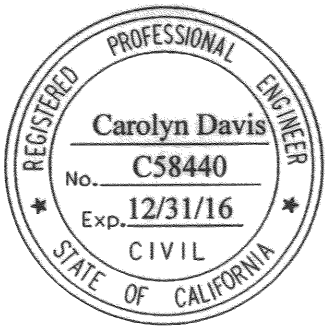
This addendum has been prepared under the direction of the following registered Civil Engineer:

2/08/2016
Carolyn Davis, PE — Date



RELEASED BY:

2/08/2016
Rebecca Neves, PE — Date
City Engineer, City of Placerville

ACKNOWLEDGEMENT:

I have reviewed the materials included in Addendum #4 to the Blairs Lane Bridge Replacement Project and understand the information provided is included as part of the Contract Documents.

By: _____
Bidder's Signature — Date

_____
Bidder's Name (printed)

_____
Name of Company

CITY OF PLACERVILLE

BIDDER'S BOND
(this form must be used)

KNOW ALL MEN BY THESE PRESENTS, THAT WE _____

_____ as Principal, and

_____, as surety,

are held and firmly bound unto the City of Placerville (Obligee) in the penal sum of ten percent (10%) of the total amount of the bid of the Principal above named, submitted by said Principal to the Obligee for the work, for the payment of which sum in lawful money of the United States, well and truly to be made to the Obligee, we the Principal and surety bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of $_____.

The condition of this obligation is such that, whereas the Principal has submitted the above-mentioned bid to the Obligee, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at Placerville, El Dorado County, California, on _____for the construction of the

BLAIRS LANE BRIDGE REPLACEMENT PROJECT
PROJECT NO. 40604

NOW, THEREFORE, if the aforesaid Principal is awarded the contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented to him for signature, enters into a written contract, in the prescribed form, in accordance with the Bid, and files two bonds with the City of Placerville, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

In the event suit is brought upon this bond the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the Court.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, 2016.

SIGNATURES

(Seal) _____
PRINCIPAL

(Seal) _____
SURETY

ADDRESS: _____

_____

NOTE: Signatures of those executing for the surety must be properly acknowledged and accompanied by a Certificate of acknowledgement

G. Locating Wire - Locating wire shall be installed with non-metallic water pipe as indicated on the Standard Drawings.
H. Warning Tape – Warning tape shall be placed on top of pipe zone backfill centered over pipe as shown on the Standard Drawings.

Fittings - Fittings shall be installed in the manner specified herein for cleaning, laying and joining pipe.

A. Anchorage for Fittings - All fittings, unless otherwise specified, shall be provided with a thrust block constructed against undisturbed soil as shown on the Standard Drawings.
B. Thrust Blocks - Thrust blocks shall be constructed of Class B Concrete. Care shall be taken not to obstruct the outlets of tees or crosses which are intended for future connections. A waterproof paper or plastic bond- breaker shall be placed between plugs and caps and the concrete thrust block to facilitate their removal of the concrete in the future. Thrust blocks shall be poured against undisturbed earth and shall have at least the minimum dimensions shown on the Standard Drawings.
C. Mechanical Couplings - Oil, scale, rust, and dirt shall be cleaned from pipe ends. The Contractor shall clean gaskets in couplings prior to installing the coupling in accordance with the manufacturer's recommendations:
   Bolt threads shall be lubricated with graphite and oil prior to installation.
   1. Painting and Coating -
      a. The Contractor shall coat buried flexible pipe couplings, transition couplings, and flanged coupling adapters per Section 78-17 and then wrap the couplings with polyethylene wrap per AWWA C-105.
      b. The Contractor shall coat flexible pipe couplings (including joint harness assemblies), transition couplings, and flanged coupling adapters located indoors, in vaults and structures, and above-ground with the same coating system as specified for the adjacent pipe. A prime coat shall be applied at the factory.

D. Polyethylene Wrap - All ferrous metal shall be protected with polyethylene wrap. When it is not practical to wrap tees, crosses, and other odd-shaped pieces in a tube the item shall be wrapped with a flat sheet or split length of polyethylene tube by passing the sheet under the appurtenance and bringing it up around the body. Seams shall be made by bringing the edges together, folding over twice, and taping down. Polyethylene shall be taped securely in place.
   Cuts, tears, punctures, or damage to polyethylene shall be repaired with adhesive tape, or with polyethylene sheet secured in place with adhesive tape.

Testing and Disinfection - Testing and disinfection shall be performed on all pipelines in accordance with Section 78-12.

78-6.04 MEASUREMENT AND PAYMENT

Payment for pipe under this section will be made on the basis of measurements taken along the center line of the mains and will include all fittings. The payment quantity is the length designated by the Engineer.

The Engineer measures connect water line based on each location where new connections are made to the existing water main line as shown regardless of the material types.

Payment for furnishing materials (including fittings, specials, and valves not otherwise paid for), installing, backfilling, (including removal of unsuitable material and replacement with suitable material) installing in casings, providing a temporary bypass of the existing line to accommodate construction described in other sections of this contract, insulating, testing, disinfection, and all other work incident to the complete installation of the polyvinyl chloride pipe will be made on the basis of linear feet.

Payment for furnishing materials (including fittings, specials, and valves not otherwise paid for), installing, backfilling, (including removal of unsuitable material and replacement with suitable material) installing in casings, insulating, testing, disinfection, and all other work incident to the complete installation of the polyvinyl chloride pipe will be made on the basis of linear feet.

78-8 GATE VALVES

78-8.01 GENERAL

This specification governs materials and installation of gate valves. Valves shall be furnished and installed by the Contractor at the locations shown on the approved plans, or as required by the City.

Submittals - Prior to the purchase of gate valves to be used in the City 's system, the following items shall be submitted and approved by the City:

- Manufacturer's catalog data and detail construction sheets showing the size to be used, valve dimensions, pressure rating, and materials of construction.
- Manufacturer's catalog data and NSF certification seal on the lining to be used.

78-8.02 MATERIALS

Gate Valves 3 inches and Larger - Gate valves 3 inches and larger, shall be resilient- seated suitable for buried service and meet the requirements of AWWA C-509, manually operated. All such valves shall be of the non-rising stem type, with double o-ring seal and shall tum to the left in a counter-clockwise direction to open the valve.

All valves shall be suitable for frequent operation as well as service involving long periods of inactivity. Valves shall be capable of operating satisfactorily with flows in either direction and shall provide zero leakage past the seat.

A. Valve Body -- Body, bonnet, operating nut, and stuffing box shall bee of iron with internal working parts of solid bronze. Exposed cap screws, bolts and nuts shall be stainless steel type 304.
The word "open" and an arrow, indicating the direction to open, shall be cast on each valve body or operator.
B. Valve Operator -- Valve operators shall be equipped with a 2-inch AWWA square operating nut. They shall be sealed and gasketed and lubricated for underground service. The operator shall be capable of withstanding an input torque of 450 ft. lbs. at extreme operator position without damage.
C. Coating and Lining -- Interior surfaces, excluding seating areas, bronze, and stainless steel pieces, shall be epoxy lined to a dry film thickness of 12 mils.
Liquid epoxy linings shall be applied in two coats. Liquid epoxy coating materials shall be listed in the NSF Listing for Drinking Water Additives, Standard 61, as certified for use in contact with potable water. Powder epoxy coating materials shall contain 100 percent solids. Surface preparation shall include White Metal Blast Cleaning.
Exterior surfaces shall be shop coated with two coats of asphalt varnish conforming to AWWA C-509. Flange faces shall be coated with a rust preventive compound.
D. Marking -- The manufacturer shall show on the valve the size, manufacturer, class and year.
E. Gate - Gate shall be cast or ductile iron encapsulated in Buna-N rubber or nitrite elastomer.
F. Types of End Connection - End connections may be either flanged, push-on mechanical joint type per Section 78-4 or Section 78-6.

Gate Valves 3 Inches and Smaller

A. Aboveground Valves - Aboveground threaded end gate valves, 1/4-inch through 3 inches for water service, shall be non-rising stem, screwed bonnet, solid wedge disc type having a minimum working pressure of 220 psi. The body, bonnet, and stem shall be of bronze, ASTM B 62. Hand wheels shall be of brass. Packing shall be Teflon asbestos.