City of VALLEJO California

Water Division · 202 Fleming Hill Road · Vallejo · CA · 94589 · 707.648.4307

October 15, 2018

TO: Prospective Bidders

SUBJECT: ADDENDUM No. 1
FILE: WMCIP FY18-19 No. WT8050 (14.03)

The following changes shall be made in the Bid Specifications of the bid documents and plans for the subject project:

This addendum is hereby made a part of the contract documents to the same extent as if they were originally included therein. Receipt of this addendum shall be acknowledged with the bid for Watermain Capital Improvement Project (WMCIP) FY18-19 No. WT8050.

SPECIFICATIONS:

1. Bid Sheet – Pages 11 through 12;

   Replace bid sheet in its entirety by the attached Bid Sheet.

   Revisions:

   Added bid item and adjusted/corrected item numbers.

2. Page D-66, Section D13.19 (c), project is replacing the existing service laterals (3/4-inch) with new 1-inch HDPE; is revised as follows:

   (c) Furnish and Install 1” Water Service Laterals

   Includes among others, all excavation/backfilling and compaction, removal & disposal of existing pavement, installation of service saddle, corporation stop and HDPE pipe service lateral with tracer wire, angle ball valve (curb stop), reducer, sidewalk repair or reconstruction, and repaving, in accordance with City Standards and Standard Drawings 4-03.B and 4-23; or approved equivalent by Engineer.

   Water service laterals shall be installed using trenchless methods such as piercing tools, extracting or splitting existing service line. Meter box with lid shall

be reused, City shall supply contractor with new meter box if existing box is damaged. Contractor shall supply if damaged by their employees or equipment.

3. Page D-66 – D-67, revise with added section as follows:

   (f) Furnish and install Stainless Steel Tapping Sleeve

   Tapping sleeve shall be fabricated from 304 Stainless Steel or its equivalent, CF8 Cast Stainless Steel. They shall have a pass through bolt design and provide 360 degrees of seal around the pipe. Sleeve shall be fully passivated to return the stainless steel to its highest corrosion resistance.

   For proper strength, support and rigidity for the valve, drilling machine operation and load forces, the neck outlet construction shall be a minimum of Schedule 10 Stainless Steel pipe sized to accept full size cutter. Flange outlet shall be CF8 Cast Stainless Steel or equivalent 304 Stainless Steel. Flange outlets shall be indexed per MSS-SP60 to accept tapping valve.

   The lugs shall have a pass-through bolt design, to avoid alignment problems and allow tightening from either side of the pipe. Bolts shall not be integrally welded to the sleeve. Bolting lug shall be triangular design with a maximum of 3" bolt center spacing. Bolting hardware shall be a minimum of 304 Stainless Steel. The bolts shall be track head type and furnished with permanently lubricated heavy-hex nuts and stainless washers.

   The full circumferential gasket shall be molded of synthetic rubber compounded for use with water salt solutions, mild acids, bases and sewage. The gasket shall have a gridded surface, be a full 1/4" thick with 304 stainless steel bridge plates molded flush into the gasket and have a raised hydro mechanical outlet seal to seal against line surges and water hammer; or approved equivalent by Engineer.

ANSWERS TO TIMELY SUBMITTED QUESTIONS:

The following are answers to the timely submitted questions that were not addressed in the above changes to the specifications and/or drawings.

1) Question: Does one of the Zone Valve Assembly gate valves serve as the tapping valve for the hot-tap?

   Response: One of the Zone Valve Assembly (ZVA) gate valves may serve as the tapping valve where a ZVA is immediately adjacent to a tap.

If you have any questions regarding this addendum, please contact Victor Gonzalez, Associate Engineer, at (707) 552-2120, or victor.gonzalez@cityofvallejo.net.

Sincerely,

Richard Wilson
Engineering Manager – Water

Attachments:

Bid Sheet
Specification pages D-66 – D-67

THIS ADDENDUM NO. 1 MUST BE ATTACHED TO THE BID DOCUMENTS

Acknowledgment of Receipt:

_____	_____
Bidders Signature	**Date**

If you have any questions regarding this addendum, please contact Victor Gonzalez, Associate Engineer, at (707) 552-2120, or victor.gonzalez@cityofvallejo.net.

Sincerely,

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CITY OF VALLEJO
WATER DEPARTMENT

BID SHEET

FOR THE

WMCIP FY18-19 No. WT8050

ITEM No.	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization	1	LS	$	$
2	Traffic Control	1	LS	$	$
3	Verification of Existing Utilities and Facilities	1	LS	$	$
4	Furnish and Install 8” C900 Class 200 PVC Waterline	4,754	LF	$	$
5	Furnish and Install 6” Fire Hydrant Assembly	7	EA	$	$
6	Furnish and Install 1” Water Service Laterals	122	EA	$	$

ITEM No.	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
7	Furnish and Install 8” Gate Valves	12	EA	$	$
8	Furnish and Install Zone Valve Assembly	2	EA	$	$
9	Furnish and Install Combination Air Valve	3	EA	$	$
10	Furnish and Install House Supply Line	60	LF	$	$
11	Furnish and Install Blow-off Valve	1	EA	$	$

TOTAL BID SUMMARY

Total Bid $_____
(IN FIGURES)

Total Bid _____DOLLARS
(IN WORDS)

BIDDER’S SIGNATURE _____

(a) Furnish and Install 8” C900 Class 200 PVC Waterline

Includes among others, saw cutting, all excavation, removal and disposal of trench spoils, bedding, dewatering, backfill and installation of pipe, pipe fittings, connections to new and existing pipe systems, removal of any existing pipe around tie ins and any other pipe installation location to allow workability, Megalug mechanical restraints where required, testing, disinfection, backfill, temporary paving, pavement markings, concrete curb, gutter, traffic loops, tracer wire installation, survey monument and sidewalk repair and/or restoration.

(b) Furnish and Install 6” Fire Hydrant Assembly

Includes among others, saw cutting, all excavation, disposal of existing pavement, installation of tee, 6" gate valve, 6" hydrant run, bury, fire hydrant installation, valve risers, valve boxes, valve covers, backfilling, tracer wire installation, compaction, and temporary paving per City Standard Drawing. No. 4-05. It includes removal of old hydrant assembly, salvage of old fire hydrant, capping of abandoned pipe, pavement markings, concrete curb, gutter, traffic loops, tracer wire installation, survey monument and sidewalk repair and/or restoration. The fire hydrant shall have a riser break-off spool (no break-off check valve).

(c) Furnish and Install 1” Water Service Laterals

Includes among others, all excavation/backfilling and compaction, removal & disposal of existing pavement, installation of service saddle, corporation stop and HDPE pipe service lateral with tracer wire, angle ball valve (curb stop), sidewalk repair or reconstruction, and repaving, in accordance with City Standards and Standard Drawings 4-03.B and 4-23; or approved equivalent by Engineer.

Water service laterals shall be installed using trenchless methods such as piercing tools, extracting or splitting existing service line. Meter box with lid shall be reused, City shall supply contractor with new meter box if existing box is damaged. Contractor shall supply if damaged by their employees or equipment.

(d) Furnish and Install 8" Gate Valve

Includes among others, gate valve and hardware installation, valve box, valve cover, valve key extension, excavation, tracer wire installation, thrust restraint, backfilling, and paving per City Standards and Standard Drawings 4-13 and 4-14.

(e) Furnish and Install Zone Valve Assembly

Includes among others, gate valves and hardware installation, valve boxes, valve covers, valve key extension, excavation, tracer wire installation, thrust restraint, backfilling, and paving per City Standards and Standard Drawings 4-12.

(f) Furnish and install Stainless Steel Tapping Sleeve

Tapping sleeve shall be fabricated from 304 Stainless Steel or its equivalent, CF8 Cast Stainless Steel. They shall have a pass through bolt design and provide 360 degrees of seal around the pipe. Sleeve shall be fully passivated to return the stainless steel to its highest corrosion resistance.

For proper strength, support and rigidity for the valve, drilling machine operation and load forces, the neck outlet construction shall be a minimum of Schedule 10 Stainless Steel pipe sized to accept full size cutter. Flange outlet shall be CF8 Cast Stainless Steel or equivalent 304 Stainless Steel. Flange outlets shall be indexed per MSS-SP60 to accept tapping valve.

The lugs shall have a pass-through bolt design, to avoid alignment problems and allow tightening from either side of the pipe. Bolts shall not be integrally welded to the sleeve. Bolting lug shall be triangular design with a maximum of 3" bolt center spacing. Bolting hardware shall be a minimum of 304 Stainless Steel. The bolts shall be track head type and furnished with permanently lubricated heavy-hex nuts and stainless washers.

The full circumferential gasket shall be molded of synthetic rubber compounded for use with water salt solutions, mild acids, bases and sewage. The gasket shall have a gridded surface, be a full 1/4" thick with 304 stainless steel bridge plates molded flush into the gasket and have a raised hydro mechanical outlet seal to seal against line surges and water hammer.

D13.20 MEASUREMENT AND PAYMENT

Water mains and casing installations (where required) will be measured in a horizontal plane by the linear foot of main installed and in place. The measurement will be made along the horizontal centerline of the pipe including the specials and from center-to-center of valves. No reduction in length will be made for valves. Bends and other specials shall be included in the length measured.

All Valve, Fire Hydrant, Air Valve, Blow Off, Zone Valve, and Extra Paving installations shall be measured by the number of units or assemblies provided. All new water service connections shall be measured by the actual number of installations completed.

The contract unit prices paid shall include all labor, tools, materials and equipment and be full compensation to provide the contract item complete in place including, but not limited to, the elements listed in the subsection D13.18 descriptions for the contract items.

END OF SECTION