

ADDENDUM 04
TOWN OF COULEE CITY – REDUCTION OF INFLOW AND INFILTRATION TO
WASTEWATER SYSTEM

ITEM 1 –

REVISED ALIGNMENTS ON LEWIS STREET AND WASHINGTON STREETS

Sheets C1.1 Lewis Street and Washington Street and Sheet C1.3 RD I.8 NE

In an effort to facilitate maintenance of service during installation of water mains, the alignment of the 6 inch PVC on Lewis and Washington Street is moved to the north side of Lewis Street and Washington Street. The revised plan sheets are attached to this addendum.

Significant item to note in the revision is:

Lewis Street –

1. Two deflections under sewer line; one at the intersection of Lewis and Adams and a second at the intersection of Lewis and Newell. Per special provisions deflection under sewer lines are included in the unit bid cost for installation of the water main.

The revised plan sheets are attached.

ITEM 2 –

REVISION OF DETAILS ON SHEET C2.1

Details 1, 3, and 5 were changed to be consistent with changes in the alignments mentioned in Item 1.

Details 4 and 6 were revised to clarify connections to existing valves on Walnut Street and I8 NE.

The revised plan sheet is attached.

ITEM 3 –

CLARIFICATION ON USE OF TEMPORARY WATER SERVICE

In general the City and Engineer want to avoid use of temporary water service. Accordingly the alignments were changed on Washington and Lewis Streets to avoid use of temporary water service.

On Walnut Street, once the existing pipeline is located the alignment may be moved up to five feet north or south to facilitate installation of the new line without disturbing the old line. All efforts will be made on Walnut to avoid use of temporary water service with the alignment as shown.

Temporary water service as a means to maintain water service during construction shall be included in the unit bid cost for installation of the water pipe. Whenever temporary service connections are planned, prior to initiation of work, the Contractor shall provide submittals to Engineer for all pipe connections and related parts along with a plan for protection of public health and protection of all temporary pipelines. All carrier pipe must be NSF 61 certified and all methods used to connect, flush, and disinfect must be completed in a manner consistent with the Washington State Department of Transportation Specifications 7-09.3(24).

ITEM 4 –

REVISION OF BID ITEM 7 - PLUGGING EXISTING PIPE

Bid Item 7 is changed to **PLUGGING EXISTING PIPE AND ABANDON VALVES.**

7-09.3(25) Plugging Existing Pipe and Abandon Valves

Add the following to third paragraph:

Contractor shall use blind flanges to plug existing pipe at valve and demonstrate a water tight fit. Blind flange size bolt holes, material, and pressure rating shall be consistent with existing valve to be plugged.

Corrected the third paragraph reads:

Valves left in place will be abandoned by removing the operating nut and valve box then backfilling and restoring the surface. Contractor shall use blind flanges to plug existing pipe at valve and demonstrate a water tight fit. Blind flange size bolt holes, material, and pressure rating shall be consistent with existing valve to be plugged.

7-09.5 Payment

In the first paragraph add **and Abandon Valves** after Plugging Existing Pipe.

Corrected the paragraph reads:

All Contractor work and material including but not limited to concrete, coupling and fittings, polyethylene encasement, thrust restraint, required for completion of either Plugging Existing Pipe and Abandon Valves, Abandon Small Diameter Pipe Service, Capping Live Pipe End, , and Connecting to Existing Pipe shall be considered incidental and included in the payment of these items.

ITEM 5 -

NEW BID ITEM

TAPPING SLEEVE – 10 INCH BY 6 INCH

Once 10 inch tapping sleeve is added at the intersection of Washington and Adams Streets.

See attached revised plan sheet C2.1 DETAILS.

ITEM 6 -

SPECIAL PROVISIONS

ADD THE FOLLOWING:

7-12.3(2) Tapping Sleeves

Tapping sleeves shall be installed by the Contractor as indicated on the Plans and consistent to Standard Specification 9-30.3(8).

7-12.4 Measurement

Supplement this section with the following:

Measurement of tapping sleeves shall be per each for each size of tapping sleeve installed regardless of size of pipe tapping onto. Valve assemblies will be measured separately.

7-12.5 Payment

Add the following: Supplement with the following:

“Tapping Sleeve _____ In”, per each

ITEM 7 -

REVISED BID ITEMS

Following items have changed in the Basis of Bid due to changes discussed in the Addendum or previous Addendum.

2. REMOVE ABANDONED PIPE

The bid quantity is reduced from 1880 LF to 840 LF. This item is estimated to be about 30 LF per connection.

3. SAWCUT EXISTING PAVEMENT

The bid quantity is increased from 925 LF to 1,163 LF. This accounts for increased sawcuts associated with change of alignments on Washington and Lewis Streets.

4. REMOVAL OF PAVEMENT, SIDEWALK, AND CURB

The bid quantity is increased from 154 SY to 194 SY. This accounts for increased surface restoration associated with change of alignments on Washington and Lewis Streets.

7. PLUGGING EXISTING PIPE AND ABANDON VALVES

The bid quantity is increased from 10 EA to 12 EA. This accounts for changes associated with new alignments on Washington and Lewis Streets.

10. GATE VALVES – 6 IN

The bid quantity is increased from 13 EA to 15 EA. This accounts for changes associated with new alignments on Washington and Lewis Streets.

15. SERVICE CONNECTION 2 IN DIAM

The quantity for this bid item is increased from 343 LF to 509 LF. This 166 LF increase accounts for 2 inch that was already shown for installation on Newell Street (north of Lewis St) but was not included in the total for this Bid Item.

ITEM 8 –

CLARIFICATION ON WATER METERS

New water meters are to be supplied by contractor and paid for in the unit bid items, SERVICE CONNECTION 2 IN DIAM INCL. METER and SERVICE CONNECTION ¾ IN DIAM. INCL METER.

ITEM 9 –

SPECIAL PROVISIONS

7-15.3(3) Water Meters

Replace last sentence with the following:

Existing meters in this project are to be replaced with Master Meter Inc. multijet meter with Dialog 3G-DS; sizes per the plan set. All meters in the plan sets are specified as ¾ inch or 2 inch meters.

ITEM 10 –

REVISION OF DETAIL 3 SHEET NO. 2.4

DETAIL 3. 2 IN WATER SERVICE CONNECTION

Notes:

The following note is added to provide drainage around the flushing hydrant.

11. Drainage around flushing hydrant is pea gravel (0-5% passing no. 4 sieve) to be placed 6 inches wide to all sides and to a depth of 6 inches below the bottom of the hydrant.

ITEM 11 –

REVISED BASIS OF BID

A revised BASIS OF BID is attached that includes all changes mentioned in this and other addendum. This revised BASIS OF BID is to be used for bid submittal.

ITEM 12 –

DETAIL 3 SHEET NO. C2.2 - WATER PIPE TRENCH SECTION

Replace Note 4 with the following:

4. TRENCH BACKFILL SHALL BE NATIVE SOIL (APPROVED BY ENGINEER) AND COMPACTION SHALL BE SAME AS FOR PIPE ZONE MATERIAL.

ITEM 13 –

REVISED PLAN SHEETS ATTACHED

Plan sheets that have been revised and are attached for preparation of the bid submittal are:

Sheet no. G1.2 - Summary of Quantities and General Notes
Sheet no. C1.1 – Lewis and Washington Streets
Sheet no. C1.3 – RD I.8 NE
Sheet no. C2.1 – Details Waterline Connections
Sheet no. C2.4 – Standard Details

ARTICLE 5 - BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

BASIS OF BID (March 17, 2010)

Item No.	Item Description	Unit	Est. Quantity	Unit Price	Total Estimated Price
SECTION 1 - PREPARATION					
1	MOBILIZATION	L.S.	1	\$	\$
2	REMOVE ABANDONED PIPE	L.F.	840	\$	\$
3	SAWCUT EXISTING PAVEMENT	L.F.	1,163	\$	\$
4	REMOVAL OF PAVEMENT, SIDEWALK, AND CURB	S.Y.	194	\$	\$
SECTION 7 - WATERLINES					
5	ROCK EXCAVATION	CY	70	\$	\$
6	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	CY	20	\$	\$
7	PLUGGING EXISTING PIPE AND ABANDON VALVES	EACH	12	\$	\$
8	ABANDON SMALL DIAMETER SERVICE PIPE	EACH	1	\$	\$
9	PVC PIPE FOR WATER MAIN 6 IN. DIAM.	LF	2,846	\$	\$
10	GATE VALVE 6 IN	EACH	15	\$	\$
11	CONNECTING TO EXISTING PIPE 6 IN	EACH	5	\$	\$
12	CONNECTING TO EXISTING PIPE 8 IN	EACH	1	\$	\$
13	HYDRANT ASSEMBLY	EACH	4	\$	\$
14	RECONNECTING EXISTING HYDRANT	EACH	2	\$	\$
15	SERVICE CONNECTION 2 IN DIAM.	LF	509	\$	\$
16	SERVICE CONNECTION 2 IN DIAM. INCL METER	EACH	2	\$	\$
17	SERVICE CONNECTION ¾ IN. DIAM. INCL. METER	EACH	19	\$	\$
18	TAPPING SLEEVE 10 IN BY 6 IN	EACH	1	\$	\$
SECTION 18 - TRAFFIC					
19	PROJECT TEMPORARY TRAFFIC CONTROL	LS	1	\$	\$

Item No.	Item Description	Unit	Est. Quantity	Unit Price	Total Estimated Price
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SECTION 19 - OTHER ITEMS

20	TRENCH SAFETY SYSTEM	L.F.	3,444	\$	\$
21	TRENCH RESTORATION - PAVEMENT	L.F.	582	\$	\$
22	TRENCH RESTORATION - GRAVEL	L.F.	2,639	\$	\$
23	CONTRACTOR SURVEYING	L.S.	1	\$	\$
24	TEMPORARY CONSTRUCTION SIGN	EACH	1	\$	\$
25	TRIMMING AND CLEANUP	LS	1	\$	\$

SUBTOTAL	(Sum of Items 1 - 25)	_____
TAX	7.90%	_____
TOTAL		_____