

KNOXVILLE UTILITIES BOARD

Addendum No. 1

Project: **Proctor Street 24" Waterline Replacement**

Control No: **633**

Issued: **To all listed Plan holders**

Date: **November 21, 2016**

This addendum forms a part of the Contract described above. The original Contract Documents and any prior addenda remain in full force and effect except as modified by the following which shall take precedence over any contrary provisions in prior documents.

See attached sheet for specifics of this addendum.

Each Bidder shall acknowledge receipt of this addendum by affixing his signature below, by noting this addendum on his Bid Form, and by attaching this addendum to his Bid. **Failure to acknowledge this addendum could be cause for bid rejection.**

ACKNOWLEDGMENT

The undersigned acknowledges receipt of this addendum and the Bid submitted is in accordance with information, instructions and stipulations set forth here in.

BIDDER _____

AUTHORIZED SIGNATURE _____

DATE _____

ADDENDUM 1 – Proctor Street 24” Waterline Replacement

Control No: 633

Clarifications to Questions

Question 1: Are the field loc gaskets pricing to be included in the pipe? Looks like the drawings are asking for the whole job to have those gaskets. Also there is flowable fill requirements and no bid item for that?

Answer 1: Bid line items have been added to the bid form for restraining lock gaskets and for flowable fill.

Question 2: Can you please provide details for the concrete sidewalk and asphalt driveways (Pay Items 6010 A and B) as we could not find any for the Proctor Street 24-Inch Waterline Replacement project?

Answer 2: KUB does not provide details for concrete sidewalks and asphalt driveways. The restoration will need to be "as good or better" than the existing sidewalk and driveways.

Question 3: Should the butterfly valves be rated for 150 or 250?

Answer 3: Class 250

Question 4: Will the asphalt required to be burned in for the Proctor Street 24” Waterline Replacement project?

Answer 4: Yes

Question 5: Are the Liquidated Damages stated in Article 3 of the proposed Agreement additive and/or cumulative?

Answer 5: Additive

Question 6: There is no Design Engineer noted in the Agreement. Is there a Design Engineer for this Project?

Answer 6: Charles Clapp with Sizemore-Frederick Engineering is the design engineer responsible for preparation of the design plans. Bill Grady with KUB Engineering is the KUB Project Manager (PM) and will be responsible for managing the construction contract for the OWNER.

Question 7: Would you please modify GC 6.13.A.1. to read:

A. CONTRACTOR shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. all persons on the Site who may be affected by the Work;

The current provision is too broad. The Contractor cannot accept the safety responsibilities for persons not on the Project Site. This requested change reflects the industry-standard provision in the unedited 1996-version of the EJCDC C-700.

Answer 7: No

Question 8: According to the definitions in the General Conditions, a Field Order is “A written order issued by OWNER or by DESIGN ENGINEER or by Resident Project Representative on OWNER’s behalf which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.” However, GC 9.05 states

“Only after approval by OWNER, Resident Project Representative may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on CONTRACTOR, who shall perform the Work involved promptly”.

EJCDC Industry-standard provisions state that only the Engineer can issue Field Orders. In these Contract Documents, three different parties can issue Field Orders. Do all Field Orders issued by the Resident Project Representative require pre-approval by the Owner; and if so, how is the Contractor to know if the Owner pre-approval was granted?

Answer 8: The KUB PM will pre-approve Field Orders involving an adjustment in the Contract Price or the Contract Time only after receiving an itemized cost estimate from the Contractor with adjustment in contract time to complete the additional work. The PM will respond back to the Contractor by email approving or disapproving the Field Order. Minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times may be handled by the RPR. It is suggested that the Contractor email the PM if there is any question about pre-approval before additional work begins.

Clarification to Specifications

1. The following line items have been added to Section 00330sup Unit Price Schedule. Please use the attached bid form when submitting the bid.

6050	Pipe Restraining Lock Gaskets				
a.	24" Restraining Gaskets	250	EA	\$	\$
b.	12" Restraining Gaskets	15	EA	\$	\$
c.	16" Restraining Gaskets	15	EA	\$	\$
d.	8" Restraining Gaskets	15	EA	\$	\$
6055	Flowable Fill (for pipe retirements)	30	CY	\$	\$

2. The following items have been added to Section 01270 Measurement and Payment.

Pay Item No(s). 6050 a, b, c & d – Pipe Restraining Lock Gaskets are per each unit price pay items. Unit price bids for each shall be full compensation for these items and for material, labor and all necessary equipment required to complete the item in accordance with the Drawings and Specifications or when directed by OWNER.

Pay Item No. 6055 – Flowable Fill (for pipe retirements) is a cubic yard unit price pay item. Unit price bids for each shall be full compensation for this item and for all labor and necessary equipment required to complete the item in accordance with the Drawings and Specifications or when directed by OWNER.

END OF ADDENDUM 11/16

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
1000	Mobilization (Limited to Unit Price Bid or 8.25% of Project Bid Total, Whichever is Less)	1	LS	\$	\$
1005	Erosion and Pollution Control				
h.	Plans & Implementation	1	LS	\$	\$
1010	Traffic Control				
a.	Plans	1	LS	\$	\$
b.	Implementation	1	LS	\$	\$
1015	Pre-Construction Site Video Recording	1	LS	\$	\$
1016	Temporary Guying of Utility Poles	5	EA	\$	\$
3000	Water Line				
a.	16" DIP Water Line	40	LF	\$	\$
b.	16" DIP Water Line Under Pavement or Within 3' of Edge of Pavement Per Section 02321	182	LF	\$	\$
c.	12" Water Line	40	LF	\$	\$
d.	12" Water Line Under Pavement or Within 3' of Edge of Pavement Per Section 02321	220	LF	\$	\$
e.	8" Water Line	262	LF	\$	\$
f.	8" Water Line Under Pavement or Within 3' of Edge of Pavement Per Section 02321	274	LF	\$	\$
i.	2" Water Line	10	LF	\$	\$
j.	2" Water Line Under Pavement or Within 3' of Edge of Pavement Per Section 02321	290	LF	\$	\$
k.	24" DIP Water Line Outside of Pavement	3790	LF	\$	\$
l.	24" Water Line Under Pavement or Within 3' of Edge of Pavement Per Section 02321	310	LF	\$	\$
3005	Water Main Bore				
a.	36" Minimum Casing Bore or Tunnel Option w/ 24" Carrier, from Sta. 25+35± to Sta. 28+05±	270	LF	\$	\$
b.	36" Minimum Casing Bore or Tunnel Option w/ 24" Carrier, from Sta. 43+40± to Sta. 45+30±	190	LF	\$	\$

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
3010	Water Valve Installation				
b.	2" HDPE Valve	1	EA	\$	\$
d.	8" Gate Valve	3	EA	\$	\$
e.	12" Gate Valve	3	EA	\$	\$
f.	16" Butterfly Valve	2	EA	\$	\$
g.	24" Butterfly Valve	4	EA	\$	\$
3015	Air Valves, Blowoff Valves, & Hydrants				
a.	2" Blow-off Valve Assembly	1	EA	\$	\$
c.	2" Air Release Valve Assembly As Directed By KUB (Complete Installation Per. KUB Drawings)	2	EA	\$	\$
d.	Fire Hydrant Assembly	1	EA	\$	\$
e.	6" Blow-off Valve Assembly, no Manhole	1	EA	\$	\$
f.	6" Blow-off Valve Assembly, with Manhole	2	EA	\$	\$
3020	Tie-ins to Existing Facilities (complete all labor and installation for tie-ups including installation of tees, couplings, reducers, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test, & tracer wire.)				
a.	Line A Sta. 17+50: To existing 16" D.I.P. at News Sentinel Drive and Western Avenue	1	EA	\$	\$
b.	Line A Sta. 29+50: To existing 12" D.I.P. at Knoxville College Drive	1	EA	\$	\$
c.	Line A Sta. 39+40: To existing 12" D.I.P. in Western Avenue	1	EA	\$	\$
d.	Line A Sta. 45+89: To existing 24" D.I.P. in Western Avenue with cut-in 45	1	EA	\$	\$
e.	Line A Sta. 45+80: To existing 24" D.I.P. in Western Avenue with 24"x16" Tapping Sleeve and Valve	1	EA	\$	\$
f.	Line B Sta. 0+00: To existing 16" D.I.P. at Proctor and News Sentinel Drive	1	EA	\$	\$

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
g.	Line B Sta. 1+60: To existing 8" D.I.P. in Proctor Street	1	EA	\$	\$
h.	Line B Sta. 1+82: To existing 24" D.I.P. in Proctor Street	1	EA	\$	\$
i.	Line C Sta. 2+10: To existing 12" D.I.P. & 10" C.I.	1	EA	\$	\$
j.	Line E Sta. 0+00: To existing 6" Cast Iron at Sterchi Street	1	EA	\$	\$
k.	Line E Sta. 2+39: To existing 6" Cast Iron in Proctor Street	1	EA	\$	\$
l.	Sheet 8: To existing 12" D.I.P. & existing 24" D.I.P. at Middlebrook and Webster	1	EA	\$	\$
3025	Service Connections complete all labor and installation for service connections per KUB Specifications 02518, Part 2, including, but not limited to all associated fittings, piping, backfill, asphalt/concrete restoration, cleanup, etc.				
a.	Reconnection (service tap) - 1" and smaller	7	EA	\$	\$
o.	3/4" copper service pipe	100	LF	\$	\$
p.	1" HDPE service pipe	50	LF	\$	\$
3030	Retire Existing Water Facilities				
a.	Abandon Existing Mains	1	LS	\$	\$
b.	Abandoned Existing Water Valves, Air Valves, & Blowoff Assemblies	15	EA	\$	\$
c.	Abandon Existing Fire Hydrants	1	LS	\$	\$
d.	Line F Sta. 3+00: Plug existing 6" C.I. at existing 6" valve.	1	LS	\$	\$
e.	Line A Sta. 31+50: Plug existing 12" Tee at existing Fire Hydrant	1	LS	\$	\$
f.	Sheet 6: Plug Existing 12" Lines at Tee to remain and at connection to Existing 24" Cast Iron to be Retired (in Middlebrook near Western)	1	LS	\$	\$
g.	Line A Sta. 45+80: Plug New 16" Tee after Final Tie-in has been accomplished.	1	LS	\$	\$
h.	Line B Sta. 0+00: Plug Ex. 16" Tee	1	LS	\$	\$
i.	Line B Sta. 1+50: Plug Ex. 8" Tee	1	LS	\$	\$

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
j	Sheet 9: Plug Existing 12" Lines at Tee to remain and at connection to Existing 24" Cast Iron to be Retired (Middlebrook and 21st)	1	LS	\$	\$
k.	Sheet 9: Plug Existing 12" Lines at Tee to remain and at connection to Existing 24" Cast Iron to be Retired (in Sutherland)	1	LS	\$	\$
4050	Creek Crossing				
a.	24" Creek Crossing , 40± LF	1	LS	\$	\$
6005	Permanent Patching				
a.	Asphalt Pavement Repair, Base Course + Surface Course	1200	LF	\$	\$
6010	Removal and Replacement:				
a.	Asphalt Concrete Driveway	50	SY	\$	\$
e.	Concrete Sidewalk	150	SY	\$	\$
6025	Seeding	7500	SY	\$	\$
6030	Sodding	200	SY	\$	\$
6040	Riprap	10	TN	\$	\$
6045	Cleanup Restoration & Closeout	1	LS	\$	\$
6050	Pipe Restraining Lock Gaskets				
a.	24" Restraining Gaskets	250	EA	\$	\$
b.	12" Restraining Gaskets	15	EA	\$	\$
c.	16" Restraining Gaskets	15	EA	\$	\$
d.	8" Restraining Gaskets	15	EA	\$	\$
6055	Flowable Fill (for pipe retirements)	30	CY	\$	\$

TOTAL OF ALL EXTENDED UNIT PRICE ITEMS LISTED ABOVE

\$

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
					<i>(Total, numbers)</i>

_____ Dollars
Total, words (transfer to bid form, page 3)

END OF SECTION

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Pay Item No. 6040 - Riprap is a per ton unit price pay item. Unit price item includes geotextile, base, and riprap material, placement and cleanup. See Section 02372, Geotextiles and Section 02371, Riprap.

Pay Item No. 6045 – Cleanup Restoration & Closeout is a lump sum pay item. Lump sum price bid for site restoration, lawn repair, landscape repair, etc., shall be full compensation for this item and for all labor, materials, water and equipment required to complete the restoration to its original or better condition. Payments for this lump sum item will be made based on percentage of work complete for the entire project. **It is highly recommended that the CONTRACTOR photograph existing conditions at the Site prior to commencing with the Work.**

Pay Item No(s). 6050 a, b, c & d – Pipe Restraining Lock Gaskets are per each unit price pay items. Unit price bids for each shall be full compensation for these items and for material, labor and all necessary equipment required to complete the item in accordance with the Drawings and Specifications or when directed by OWNER.

Pay Item No. 6055 – Flowable Fill (for pipe retirements) is a cubic yard unit price pay item. Unit price bids for each shall be full compensation for this item and for all labor and necessary equipment required to complete the item in accordance with the Drawings and Specifications or when directed by OWNER.

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