

ADDENDUM NUMBER 2

**CITY OF JOHNSON CITY
WASHINGTON COUNTY, TENNESSEE**

**BOONE STREET CULVERT EXTENSION
ITB #6031**

JCT-510-CE 06EG12

**TO: ALL INTERESTED PARTIES CONCERNING THE BID DOCUMENTS FOR THE
STORMWATER DRAINAGE IMPROVEMNTS – BOONE STREET CULVERT EXTENSION:**

ITEM I: Pages 1, 5, 7, 9, 10 and 20 of the Construction Plans have been amended to address questions and concerns from the Pre-Bid Meeting as follows:

Sheet 1: City Inspector Information has been added for reference.

Sheet 5: Damaged portion of sewer line to be replaced has been noted for removal and replacement. See Item III below.

Sheet 7: Damaged portion of sewer line to be replaced has been noted for removal and replacement. See Item III below.

Sheet 9: Sewer and water crossing requirements for joint location and joint requirements have been added for clarification per pre-bid meeting. Joint seal requirements have been clarified. Payment for these items shall be included in the unit price for box culvert as provided on the Bid Form.

Sheet 10: Typo and duplicate information updated to reflect information provided elsewhere in plans.

Sheet 20: Water service encasement detail provided for clarification per pre-bid meeting. Payment for these items shall be included in the unit price for 1" copper service line as provided on the Bid Form.

ITEM II: Revised Bid form for sewer repair see item III below.

ITEM III: During routine inspection and field work the City of Johnson City Department of Water & Sewer Services discovered a damaged portion of sewer line within the project area. This location has been noted on the plans on sheet 5 and 7. The existing portion of sanitary sewer line shall be replaced at the time of construction per the City of Johnson City Standards and Specifications. Please note that access to the connecting

manhole will be required to plug the sewer line for replacement.

Repair Sanitary Sewer Line Item B-3

1. Payment for sanitary sewer replacement shall be at the Contract Unit Price per linear foot for furnishing and installing sewer pipe and fittings. The actual length and location shall be as directed by the Owner's representative.
2. Payment shall be compensation for dewatering if required; clamps; harnessing; adapters; excavation of all material encountered including rock; backfill including borrow dirt or crushed stone for suitable material as required; replacement of grass, sod, gravel or asphalt paving for good shoulders, driveways, and any other paved surfaces disturbed and other surface materials not specifically designated in the Bid Proposal; clean up, and tests as required.
3. Sewer line shall be installed in accordance with bedding and backfilling for DIP sewers as outlined in the Project Manual and, in accordance with the Owner's standard requirements.
4. Service laterals shall be connected in accordance with the Project Manual and, in accordance with the Owner's standard requirements.
4. Price shall include connection to the existing sewer manhole and to the existing sewer line as directed by the Owner's representative.
5. The Contract Unit Price shall be considered payment for a completed installation, tested and accepted to be placed into service.

ITEM IV: Pre-Bid Meeting Minutes and Clarifications have been provided as Exhibit A of this Addendum.

ITEM V: Replace pages 4, 5, and 6 of Section 00300 "Bid Form" with the revised pages provided in Exhibit B.

ITEM VI: The question period has been extended until 1:00 P.M. on Wednesday, May 11, 2016.

THIS ADDENDUM SHALL BECOME A PART OF THE PROJECT MANUAL AND HAVE FULL EFFECT AS IF SUBMITTED WITH THE ORIGINAL DOCUMENTS.

May 4, 2016
Date

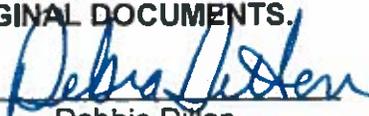
/s/ 
Debbie Dillon
Director of Purchasing

Exhibit A

CITY OF JOHNSON CITY
BOONE STREET CULVERT EXTENSION
ITB #6031

PRE-BID MEETING MINUTES
&
CLARIFICATIONS

April 26, 2016, 2:00 p.m.

1. Bid Date, Time, and Location: May 17, 2016 2:00 p.m. (local time) @ Office of the Purchasing Director of the City of Johnson City at 209 Water Street, Johnson City, TN 37605
2. Questions prior to bid date:
 - a. Submit via e-mail (jfoster@ldaengineering.com) or facsimile (423-283-7229 Attn. Jason Foster) by 5:00 P.M. local time on May 7th, 2016.
 - b. Verbal responses to questions are not binding.
3. Bid Submittal:
 - a. Bids must be submitted on the Bid Form in the Project Manual.
 - b. The Bid Envelope Cover Sheet must be filled out completely and attached to the outside of the Bid envelope. If the envelope cover is not attached to the outside of the envelope containing the Bid, the Bid will not be opened.
 - c. Note the Bid submittal requirements in Section 00100 of the Specifications.
 - d. Bids will remain good for sixty (60) days.
4. Note the forms that must be submitted with the Bid. Including the following:
 - a. The following must be submitted with the Bid.
 - b. Bid Envelope Form
 - c. Entire Bid Book with the following items completed.
 - i. Bid Form
 - ii. Bid Bond
 - iii. Non-collusion Affidavit
 - iv. Insurance Checklist

5. Contract time: 180 days.
 - a. The project is to be substantially complete within 120 days.
6. Pending Addenda Items:
 - a. Addendum summarizing the pre-bid conference minutes, responses to questions and issues and any other changes to the drawings or specifications.
 - b. Addendum illustrating the typical installation of the water service lines above the proposed box culvert on the plans.
 - c. Addendum noting the inspectors contact information on the plans.
7. Contractor shall abide by all regulations and permits as required the City of Johnson City, and the permits applicable to the project.
8. Contractor is responsible for disposal of all waste materials in accordance with applicable regulations.
9. Timeliness of Project Work
 - a. Beginning Date will be set at the Preconstruction Meeting It is expected that the Contractor will start on the beginning date
 - b. Liquidated Damages:
 - i. \$ 500.00 per day. Report any potential delays due to manufacturers of equipment/material prior to the cut off for questions.
 - ii. No federal or state funds will used in this project.
10. It is strongly recommended, but not required, that the contractor utilize an Engineer or similarly qualified individual to assess the condition of the existing double barrel 14' x 6' box culvert at the location of connection with the proposed box culvert, however, this assessment shall be made by the Contractor based upon the proposed materials, means and methods for connecting to the existing box culvert.
 - a. All shop drawings for connection the existing box culvert, cast-in-place sections, and structural modifications to existing structures shall be sealed by an Engineer licensed in the State of Tennessee.
 - b. Such shop drawings shall be approved by the Owner prior to construction or installation.
11. Section 01590 Field Offices and Sheds: The contractor is not required to provide a Field Office or Shed unless otherwise notified by Owner. However, the following shall be strictly adhered to:
 - a. The Contractor is responsible for acquiring a location and permissions to access and use such location for Offices and Sheds.
 - b. No storage of materials, equipment, loose construction waste, or other construction related items shall be unsecured at the construction site where a pedestrian, motorist, Owner

- personnel, Utilities personnel, inspectors or other persons accessing the construction site or adjacent areas may be injured, endangered or otherwise have access to the construction materials.
- c. No storage of materials or equipment shall be allowed on sidewalks.
 - d. A location that provides the means and materials equivalent to Section 01590 shall be approved by Owner for meetings and storage of materials prior to the Pre-Construction meeting.
12. The contractor shall work with the Johnson City Power Board and City of Johnson City Public Works to relocate the existing power utilities above the box culvert. The cost for relocation shall be included in the unit cost for conduit as provided on the Bid form.
 13. Pre-Cast Sections of Box Culvert shall accommodate the relocation and support of power utilities. Where the contractor deems necessary a cast-in place section may be used in lieu of precast for this purposed provided:
 - a. The contractor includes the price for such work in the unit cost for the pre-cast box culvert as provided on the Bid Form.
 - b. The contractor provides shop drawings to Owner for approval prior to construction of cast in place sections.
 14. The proposed project is an integrated project with work being performed by the Owner after completion of this project. It is the responsibility of the Contractor to verify, understand and confirm the proposed scope of work as illustrated on the plans for the purposes of preparing the Bid. Submit all questions related to the limits of construction and scope of work prior to the cut off for questions.
 15. The construction site is located in a highly used pedestrian, motorist and bicyclist location. Therefore the following was noted during the Pre-Bid meeting:
 - a. The construction site shall be maintained clean of hazardous construction waste, all fall or trip hazards shall be either secured or highly visible with appropriate warning signage and all confined space shall be locked out and tagged out when not in use during construction.
 - b. Traffic Control and Warning Signage shall meet the MUTCD FHWA standards. No handwritten, improvised or other substandard signage shall be used.
 - c. Signage for events and festivals adjacent to the construction site shall be acquired from the Owner and placement coordinated with and approved by Owner.
 16. Concrete Mix shall be ready-mix concrete utilizing natural sand to match the existing color for the "Downtown Johnson City Mix" in accordance with the City of Johnson City Ready-Mix Concrete specifications provided in Appendix C of the Project Manual.
 17. Payment for rock shall be made at the unit price for cubic yard on the Bid Form. The City Inspector shall verify quantities of rock removed for payment by volume.
 18. Rock-blasting may be utilized to remove rock. Contractor will be responsible for acquiring all permissions, permits, and protection of structures, protection of life. Repair to any facilities, utilities, structures or other appurtenances damaged by blasting activities shall be the sole responsibility of the contractor. Contractor shall notify owner, get owner permission and provide a blasting plan to Owner for approval prior to conducting blasting on project site.

- Price for rock blasting shall be included in the unit cost for the work to be performed on the Bid Form for the work for which rock blasting is utilized.
19. The flows from the sanitary sewer system to be modified during construction are not anticipated to require by-pass pumping at this time. However, the contractor may utilize by-pass pumping as needed to complete the project. Price for bypass pumping shall be included in the unit cost for the work to be performed on the Bid Form for the work for which bypass pumping is utilized.
 20. The proposed work on the sewer line connecting from McClure Street to the manhole located in Market Street will require entry into the manhole for the sewer line to be plugged during construction.
 21. Proposed water services shall be routed through a casing and encased in concrete on top of the box culvert. An addendum to the plans illustrating this shall be provided.
 22. Questions received less than **10 days** prior to the date of the opening of the Bids may not be answered. Only questions answered by Addenda shall be binding.
 23. Other:
 - a. Additional information on the existing box culvert may be found at the City of Johnson City's website located at the following address:
 - i. <http://www.johnsoncitytn.com/uploads/files/stormwater/Downtown%20Johnson%20City%20Stormwater%20Reports%20&%20Information/2001%20JC%20Public%20Works-Downtown%20Drainage%20Survey.pdf>
 - ii. <http://www.johnsoncitytn.com/uploads/files/stormwater/Downtown%20Johnson%20City%20Stormwater%20Reports%20&%20Information/2008%20AMEC-Downtown%20Report.pdf>
 - b. Pre-Cast Reinforced Box Culvert shall meet Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction for culverts. Contractor shall provide precast reinforced concrete box sections conforming to ASTM C1577. Manufacture all precast concrete box sections in accordance with the TDOT procedure on the Manufacture and Acceptance of Precast Drainage Structures, Noise Wall Panels, and Retaining Wall Panels.
 - c. All utilities, footers, pipes, box culvert, structures and other improvements shall not be covered until inspected and approved by either City of Johnson City Engineering, City of Johnson City Water & Sewer Services or Utility Provider.
 - d. Access to all business, residences and facilities shall be maintained throughout construction.
 - e. Access to the Johnson City Transit shall be maintained at all times.
 - f. Contractor shall accommodate access, signage and work schedules as required by Owner for coordination with festivals and events adjacent to the project site.
 - g. Contractors are encouraged to buy American products/materials for this project.

Exhibit B

UNIT PRICE:

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following Unit Prices:

CITY OF JOHNSON CITY BOONE STREET CULVERT EXTENSION BASE BID (REVISED)						
NUMBER	ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	01570-1	Traffic Control	1	LS	\$	\$
2	02100-1	Erosion & Sediment control	1	LS	\$	\$
3	02210-1	Site Grading and Filling	1	LS	\$	\$
4	02210-2	Rock excavation	200	CY	\$	\$
5	02223-1	Removal of structures and obstructions	1	LS	\$	\$
6	02610-1	TDOT Std. Bituminous Surface, (PG64-22) Grading "D"	85	TON	\$	\$
7	02610-2	TDOT Std. Tack Coat	0.5	TON	\$	\$
8	02610-3	TDOT Std. Bituminous Binder (PG64-22) (BPMB-HM) Grading "B-M"	350	TON	\$	\$
9	02610-4	TDOT Std. Bituminous Aggregate Base, (PG64-22) (BPMB-HM) Grading "A"	210	TON	\$	\$
10	02610-5	TDOT Std. Mineral Aggregate Base, Type A, Grading "D".	550	TON	\$	\$
11	02631-1	Storm pipe, 24" diameter, reinforced concrete	15	LF	\$	\$
12	02631-2	Storm pipe, 12" diameter, steel encased in concrete	340	LF	\$	\$
13	02632-1	Box culvert, 8' x 3', pre-cast concrete	390	LF	\$	\$
14	02634-1	Catch basin, TDOT standard 4' x 4' square concrete No. 25, depth 0' to 4', (STD. DWG D-CB-12LP)	12	EA	\$	\$
17	03300-1	Curb and gutter, concrete	550	LF	\$	\$
18	03300-2	Header curb	65	LF	\$	\$

**CITY OF JOHNSON CITY
BOONE STREET CULVERT EXTENSION
BASE BID
(REVISED)**

NUMBER	ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
19	03300-3	Sidewalk, 4" concrete	4,500	SF	\$	\$
20	03300-4	Miscellaneous concrete	200	SF	\$	\$
21	03300-5	ADA detectable warning strip	35	SF	\$	\$
22	03300-6	Cast-In-Place End Section	1	LS	\$	\$
23	16115-1	Conduit, 4" diameter, Split Steel	300	LF	\$	\$
24	16115-2	Conduit, 3" diameter, PVC	70	LF	\$	\$
25	16115-3	Hand Hole Vault, Traffic Rated	2	EA	\$	\$
26	Appendix A-1	Connect 6" DIP to existing main	1	LS	\$	\$
27	Appendix A-2	Connect 8" DIP to existing main	1	LS	\$	\$
28	Appendix A-3	Connection to existing fire hydrant assembly	1	LS	\$	\$
29	Appendix A-4	6" DIP water main	90	LF	\$	\$
30	Appendix A-5	8" DIP water main	450	LF	\$	\$
31	Appendix A-6	6" gate valve assembly	2	EA	\$	\$
32	Appendix A-7	8" gate valve assembly	2	EA	\$	\$
33	Appendix A-8	6x6x6 Tee	1	EA	\$	\$
34	Appendix A-9	8x8x6 Tee	2	EA	\$	\$
35	Appendix A-10	8x8x8 Tee	1	EA	\$	\$
36	Appendix A-11	Fire hydrant assembly	1	EA	\$	\$
37	Appendix A-12	1" copper service line	200	LF	\$	\$
38	Appendix	Miscellaneous stone for trench	10	TON	\$	\$

CITY OF JOHNSON CITY BOONE STREET CULVERT EXTENSION BASE BID (REVISED)						
NUMBER	ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
	A-13	stabilization				
39	Appendix A-14	Miscellaneous concrete	5	CY	\$	\$
40	Appendix B-1	6" PVC sanitary sewer service line	260	LF	\$	\$
41	Appendix B-2	Bronze sanitary sewer service line cleanout	9	EA	\$	\$
42	Appendix B-3	8" DIP sanitary sewer line	40	LF	\$	\$
TOTAL BID					\$	

TOTAL BID: WORDS (_____)

_____ & ____/100 Dollars) (\$ _____).

CONSTRUCTION CONTINGENCY: 10% of Base Bid Amount \$ _____

Base Bid plus Construction Contingency: _____

_____ & ____/100 Dollars) (\$ _____).