

Addendum No. 1

Project: Mini-Basin 14B1 Rehabilitation and Replacement
Control No: 1136
Issued: To all listed plan holders
Date: February 15, 2018

This addendum forms a part of the Agreement 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.

1. Section 00001– Table of Contents

- DELETE Section 00001, page 1, and REPLACE with revised Section 00001, page 1, attached. In addition, the deleted page is of an obsolete version, and the following sections have been removed:
 - Section 00671 – Certificate of Owner’s Attorney
 - Section 00672 – Certificate of Contractor’s Attorney

2. Section 00140 – Information for Bidders

- DELETE Section 00330Sup, page 1, and REPLACE with revised Section 00330Sup, page 1, attached. In addition, the deleted page is of an obsolete version, and substantial completion has been changed to 90 days.

3. Section 00330Sup – Unit Price Schedule

- DELETE Section 00330Sup, page 2, and REPLACE with revised Section 00330Sup, page 2, attached. In addition, the deleted pages are of an obsolete version, and the following pay item quantities have changed.
 - Pay Item 2415c – Pipe Bursting, 8-Inch Diameter
 - Pay Item 2420 – PVC Sewer Lateral Appurtenances
 - Pay Item 2425a – PVC Sewer Lateral, 6-Inch Diameter, in Road
 - Pay Item 2425b – PVC Sewer Lateral, 6-Inch Diameter, in Easement
 - Pay Item 2435d – Manhole, Concrete, 4-Foot Diameter, 10-12 Feet Deep

4. Section 00514 – Agreement

- DELETE Section 00330Sup, page 2, and REPLACE with revised Section 00330Sup, page 2, attached. In addition, the deleted page is of an obsolete version, and substantial completion has been changed to 90 days.

5. Section 01270 – Measurement and Payment

- DELETE Section 00330Sup, page 7, and REPLACE with revised Section 00330Sup, page 7, attached. In addition, the deleted page is of an obsolete version, and Pay Item 2440 has been replaced with Pay Item 2435.

6. Drawings: (pdfs of drawing sheets may be found at www.kub.org. Click the Procurement link, then Open Bids & Requests for Proposals, then scroll to find the above referenced project & its attachments)

- DELETE **MB14B1 Drawing** Sheet 4 and REPLACE with the attached revised **MB14B1 Drawing** Sheet 4 with revision date of 2/6/18.

7. The following are questions received prior to cut off along with their responses:

Question_A: Does KUB have a manhole schedule showing depths of manhole lines that need to be rehabilitated?

Answer_A: *See the **14B1_Manhole_Data** sheet provided.*

Question_B: Will there be an increase in substantial completion days?

Answer_B: *Yes, substantial completion has been increased to 90 days.*

END

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

ACKNOWLEDGMENT

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

BIDDER / PROPOSER _____

AUTHORIZED SIGNATURE_____

DATE _____

TABLE OF CONTENTS

GENERAL

This Project Manual follows the Construction Specifications Institute (CSI) Master Format.

Non-applicable divisions and sections references have been omitted.

Recipients of Bidding Documents must consult the Table of Contents to determine the full scope of the Work involved and to ensure that all pages have been included.

The OWNER (KUB) will not be responsible for Bids submitted that are based on incomplete Bidding Documents.

Item

Date Released

INTRODUCTORY INFORMATION

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BIDDING REQUIREMENTS

00140 Information for Bidders	08/24/15
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00484 Drug-free Workplace Affidavit	12/31/08

CONTRACTING REQUIREMENTS

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00514 Agreement	03/01/17
00600 Escrow Agreement	05/09/14
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00621 Form of Payment Bond	08/10/10
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SECTION 00140
INFORMATION FOR BIDDERS

1. Separate sealed bids for the **MiniBasin 14B1 Rehabilitation and Replacement, Control Number: 1136**, will be received by the Knoxville Utilities Board, an agency of the City of Knoxville, (the "OWNER") 4505 Middlebrook Pike, Knoxville, Tennessee 37921, until **2:00 p.m. local time, on February 20, 2018**, and then at said time publicly opened and read aloud.
2. **Description of work:** CONTRACTOR shall provide all labor, materials not furnished by the OWNER, equipment and incidentals as required for installation of approximately 775 LF of 8-inch PVC by open-cut methods; installation of approximately 270 LF of 12-inch HDPE by pipe bursting methods 2,772 LF of 8-inch HDPE by pipe bursting methods; twenty-four (24) 5-foot diameter manhole replacements; one (1) manhole rehabilitated with cementitious manhole liners; reconnection of sewer laterals; and all appurtenant and incidental materials and equipment, complete and in place in accordance with the Contract Documents for said project.
3. **A mandatory pre-bid meeting will be held on February 6, 2018, at 2:00PM, EST, in the Procurement Conference Room at the KUB Hoskins Operations Center, 4505 Middlebrook Pike. You must attend this meeting in order to be eligible to bid.** In addition, the meeting will begin promptly at 2:00pm, and once the meeting commences, no bids will be accepted by KUB from bidders arriving late to the meeting.
4. **This work is to be bid only by KUB pre-qualified contractors in the following area: 2.2 Wastewater Utility Construction, Unlimited Category.** Bids will not be accepted from contractors who are not pre-qualified in the above-mentioned category prior to the bid opening.
5. **Our proposed schedule is as follows:**
 - A. Bid documents available on January 25, 2018.
 - B. Mandatory pre-bid meeting on **February 6, 2018, at 2:00PM, EST**, in the Procurement Conference Room at the KUB Hoskins Operations Center, 4505 Middlebrook Pike.
 - C. Cut off for questions at 5:00PM February 12, 2018.
 - D. Issue addendum if required 4:00PM on February 15, 2018.
 - E. Bid opening on **February 20, 2018, at 2:00PM, EST**, in the Procurement Conference Room at the KUB Hoskins Operations Center, 4505 Middlebrook Pike.
 - F. Award project on or before February 21, 2018.
 - G. Notice to Proceed on or before March 7, 2018.
 - H. Required Substantial Completion within **90** days from commence date on Notice to Proceed.

UNIT PRICE SCHEDULE

Item No.	Description	Est. Quan.	Unit	Bid Unit Price	Extended Bid Unit Price
2410	Point Repair in Easement	10	LF	\$	\$
2415	Pipe Bursting				
	c. 8-Inch Diameter	2817	LF	\$	\$
	e. 12-Inch Diameter	270	LF	\$	\$
2420	PVC Sewer Lateral Appurtenances	54	EA	\$	\$
2425	PVC Sewer Lateral, 6-Inch Diameter				
	a. PVC Sewer Lateral, 6-Inch Diameter, in Road	200	LF	\$	\$
	b. PVC Sewer Lateral, 6-Inch Diameter, in Easement	70	LF	\$	\$
2430	Trim Protruding Service Lateral	2	EA	\$	\$
2435	Manhole, Concrete, 4-Foot Diameter				
	a. 0 - 6 Feet Deep	5	EA	\$	\$
	b. 6 - 8 Feet Deep	12	EA	\$	\$
	c. 8 - 10 Feet Deep	1	EA	\$	\$
	d. 10 - 12 Feet Deep	4	EA	\$	\$
2572	Manhole Invert Repair	1	EA	\$	\$
2575	Manhole Lining, 1-Inch Thick Cementitious Lining				
	a. 4-Foot Diameter	12	VF	\$	\$
2630	Sewer Flow Control	1	LS	\$	\$

2. Unless otherwise expressly provided in the Contract Documents, the CONTRACTOR shall begin the Work on specified commence date stated in the Notice to Proceed and will continue the same with due diligence until the Work is completed. The CONTRACTOR will Substantially Complete the Work within **90** calendar days following the commence date stated in the Notice to Proceed and will finally complete the Work and submit the final Application for Payment in accordance with Section 01770 of the Specifications within **120** calendar days following the commence date stated in the Notice to proceed.
3. CONTRACTOR and OWNER agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay OWNER **\$1,000.00** for each calendar day that expires after time specified in paragraph 2 of this Agreement until the Work is Substantially Complete. After Substantial Completion, if CONTRACTOR shall neglect, refuse, or fail to complete the remaining Work in its entirety, CONTRACTOR shall pay OWNER **\$500.00** for each calendar day that expires after the time specified in paragraph 2 of this Agreement for completion and readiness for final Application for Payment in accordance with Section 01770 of the Specifications. The CONTRACTOR and OWNER recognize the delays, expense, and difficulties involved in proving in a legal proceeding the actual loss suffered by the OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree to the provisions herein.
4. Within thirty (30) days following the completion and acceptance of the Work (unless some other time of payment is expressly provided in the Contract Documents), and as payment for the Work, the OWNER shall pay or cause to be paid to the CONTRACTOR the Contract Price of: _____ dollars
(\$ _____) (words)
(figures)
subject to any discount or discounts expressly allowed by the terms of the Contract Documents and subject to the provisions of Article 11 of the General Conditions in the case of Unit Price Work.
5. If the duration of the Work exceeds 30 days, the OWNER shall make progress payments on account of the Contract Price on the basis of CONTRACTOR's Application for Payment submitted on or about the 25th day of each month during performance of the Work. **The date on the Application For Payment (invoice) must be the 1st day of the next month. For example invoice submitted 25 May with date on invoice of 1 June.** The CONTRACTOR's Applications for Payment shall comply with the Contract Documents and shall conform to the Schedule of Values submitted to and approved by the OWNER. The OWNER shall withhold five percent (5%) retainage from the total amount of each approved Application for Payment, which retainage, in accordance with state law, will be released for payment to the CONTRACTOR within 90 days of Completion of the Work or receipt by OWNER of a certificate of Substantial Completion, whichever occurs first; unless OWNER has other claims or offsets against CONTRACTOR under the Agreement, in which event the retainage shall continue to be kept in escrow until such KUB claims or

Pay Item No(s). 2425a-b - PVC Sewer Lateral, 6-Inch Diameter are linear foot unit price pay items. Unit price items include excavation, bedding, backfill, compaction, PVC pipe and fittings, connection to private lateral, testing, and inspection. See Section 02321, Excavation, Bedding, and Backfill for Utilities, and Section 02532, Sanitary Sewers.

Pay Item No. 2430 - Trim Protruding Service Lateral is a per each unit price pay item. Unit price item includes removal and replacement of protruding laterals in the sewer by use of a saw, removal of debris, and disposal. See Section 02546, Cured-In-Place-Pipe (Liner Process).

Pay Item No(s). 2435a-d - Manhole, Concrete, 4-Foot Diameter are per each unit price pay items. Unit price items include, clearing and grubbing, removal of existing manhole, base, precast sections, concrete riser rings, gaskets, steps, cast-in or core drilled pipe openings, necessary pipe and pipe fittings, grout, vacuum testing, frame and either standard or watertight cover as depicted in project drawings or as designated by Owner. See Section 02530, Manholes.

Pay Item No. 2572 – Manhole Invert Repair is a per each unit price pay item. Unit price item includes surface preparation and application of mortar/grouting material to make repair as directed and approved by OWNER if requested.

Pay Item No(s). 2575a - Manhole Lining, 1-Inch Thick Cementitious Lining are vertical foot unit price pay item. Unit prices bid for this item shall be per each vertical foot of manhole rehabilitated based on manhole diameter. This shall also include vacuum testing, flow control or bypassing if necessary, internal plugging of inactive connections, and horizontally adjusting frame to allow for 48-inch diameter clear opening and subsequent realignment or reinstalling of existing frame and cover unless otherwise specified. If replacement of manhole frames and covers with watertight frames and covers and installation of lid plugs are required, they will be listed as separate pay items in this section. See Section 02530, Manholes.

Pay Item No. 2630 Sewer Flow Control is a lump sum pay item. Lump sum price bid for sewer flow control shall be full compensation for this item and includes sewer dams, by-pass pumps with standby units, fuel, maintenance, operation, supervision, suction and discharge piping. Payments for this lump sum item will be made based on percentage of work complete for the entire project. See Section 02542, Sewer Flow Control.

Pay Item No. 2640 - Flowable Fill is a cubic yard unit price pay item. Unit price item includes material and placement. See Section 02321, Excavation, Bedding, and Backfill for Utilities.

Pay Item No. 6000 - Temporary Pavement Repair: Cold / Hot Mix is a linear foot unit price pay item. Unit price item includes asphalt cold / hot mix pavement material, installation, compaction, and maintenance, or as otherwise directed by

IPID	KUB_Number	Depth	Rehabilitation Type
1153340	3-5	11.2	Rehab
1153381	3-2	12.2	Repair
1153342	3-3	9.8	Replace
1153341	3-4	12.0	Replace
1153332	3-23	0.0	Replace
1153333	3-12	0.0	Replace
1123822	3-16	0.0	Replace
1123823	3-17	7.0	Replace
1123824	3-18	0.0	Replace
1123825	3-19	5.9	Replace
1123826	3-15	0.0	Replace
1123827	3-14	0.0	Replace
1153336	3-9	0.0	Replace
1153338	3-7	6.0	Replace
1153339	3-8	0.0	Replace
1153331	3-24	0.0	Replace
40023136	3-31	0.0	Replace
40969988	3-32	7.7	Repair
1153334	3-13	0.0	Replace
1153335	3-10	0.0	Replace
1123814	3-11	5.3	Replace
1123815	3-25	5.0	Replace
1123816	3-22	7.3	Replace
1123817	3-21	6.1	Replace
1123821	3-20	0.0	Replace