

## ADDENDUM NO. 1

DATE: October 23, 2017  
TO: All Bidders  
FROM: Boyce H. Evans, Purchasing Agent  
SUBJECT: Addendum No. 1 – 2017 Neighborhood Drainage Project – Phase II  
BIDS TO BE OPENED: October 26, 2017, at 11:00 a.m. (Eastern)

This addendum is being published to make changes to the Contract Documents and specifications as well as respond to questions that the City has received from potential bidders. The City's responses hereby become a part of the Contract Documents and modify the original specifications as noted below.

### Clarifications and changes to the Contract Documents & Specifications:

1. For the bank stabilization work on Site D the Contractor shall remove any loose rocks, concrete, or debris that is unbound to soil embankment and armor all remaining exposed soil with grouted *TDOT Class A-3* riprap lining up to the top of embankment (approximately 7 tons riprap & 2 CY grout). The cost of the grout shall be included in the cost of the riprap. A revised Bid Form is included with this addendum to account for this additional tonnage of riprap.
2. For Site E the quantities for asphalt and concrete curb shown in the plans are correct. The concrete curb shall extend along the north side of S Elmwood Street from the alley, along the north side of Lay Avenue, and ending at structure ST E-4 (366 L.F.). The asphalt curb be installed along the north side of Lay Avenue between structure ST E-4 and Castle Street (124 L.F.).
3. For Site E there shall be approximately 61 LF of 18" RCP installed between ST E-4 and ST E-5 per the drainage table on Sheet G-003. This line work was inadvertently left off of the profile on the plan sheet.

### Questions Received:

Question #1: There is an existing ADA ramp that will be will most likely be damaged when the proposed 30" pipe is tied in at the existing catch basin in Middlebrook Pike, how will replacement of that ADA ramp be paid? .

Response #1: In the event that the ADA ramp needs to be replaced, the cost of the ADA ramp will be paid for by the SF for concrete sidewalk. There is no separate payment for the tactile warning, it should be included in the cost of the sidewalk.

Question #2: The existing storm inlets in the parking lot of Dollar General are area drains, the proposed drainage plan replaces these area drains with manholes. Won't this cause ponding in the parking lot?

Response #2: The drainage table on Sheet G-003 shows that the structures in the parking lot are 60" manholes with COK-1 Area Drain Type A castings.

Question #3: Do you have a plan showing the location of the existing signal system conduits and the depth of the signal cabinet foundation at the location of the storm drainage tie in on Middlebrook Pike?

Response #3: We do not have a copy of any plans showing the existing signal system conduits and/or the signal cabinet foundation.

Question #4: There is a thin layer of concrete in the existing culverts beneath Solar Drive. Will this concrete have to be removed before "Concrete Cloth" repair is done?

Response #4: Per Note #2 on the plan sheet, the contractor shall clean all dirt and debris from the culverts and fill any corrosion holes (2" or larger) and cavities with grout. The concrete cloth may be installed on top of the existing thin layer of concrete assuming it's not removed as part of the cleaning in note #2.

Question #5: Can you provide a detail for the channel armor to be installed along McKamey Road?

Response #5: The Contractor shall remove any loose rocks, concrete, or debris that is unbound to soil embankment and armor all remaining exposed soil with grouted *TDOT Class A-3* riprap lining up to the top of embankment (approximately 7 tons riprap & 2 CY grout). The cost of the grout shall be included in the cost of the riprap. A revised Bid Form is included with this addendum to account for this additional tonnage of riprap.

Question #6: The channel reshaping under the existing low clearance bridge on Woods-Smith Road will have to be done by hand, will that hand excavation be paid as "common excavation" or should that work be included in the "removal of structures and obstructions" for that site?

Response #6: The removal of sediment from within the pipes and culverts shall be included in the Pay Item for Removal of Structures and Obstructions.

Question #7: Can you provide the rest of Project Quantities table for site E? The bottom of the table is cut off

Response #7: <https://ws.onehub.com/folders/4jwkdr3x> is the link we provided for the plans and specs. The quantities shown on Sheet G-003 for site E are complete.

**END OF ADDENDUM NO. 1**

BID PROPOSAL  
CITY OF KNOXVILLE, TENNESSEE

**2017 Neighborhood Drainage Phase II Project  
Project No. 12W-D-0536**

TO THE PURCHASING AGENT  
CITY OF KNOXVILLE, TENNESSEE

\_\_\_\_\_ hereby propose(s) to furnish all material, labor, and appliances and do all work required to complete the Contract for the 2017 Neighborhood Drainage Phase II Project, Project No. 12W-D-0536, located in the City of Knoxville, Tennessee, in a workmanlike manner and in accordance with the plans of the Department of Engineering and specifications herewith attached.

Bidder further agrees that in case of failure to sign a delivered contract within thirty (30) days, the certified check or bid bond accompanying this bid and the proceeds thereof shall be the property of the City of Knoxville if the City chooses to retain said bid bond or check.

**BID SCHEDULE**

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
2.11.C	Clearing and Grubbing (Site C)	LS	1	_____	_____
2.11.D	Clearing and Grubbing (Site D)	LS	1	_____	_____
2.11.E	Clearing and Grubbing (Site E)	LS	1	_____	_____
2.11.F	Clearing and Grubbing (Site F)	LS	1	_____	_____
2.11.G	Clearing and Grubbing (Site G)	LS	1	_____	_____
2.11.H	Clearing and Grubbing (Site H)	LS	1	_____	_____
3.11.B	Removal of Structures & Obstructions (Site B)	LS	1	_____	_____
3.11.C	Removal of Structures & Obstructions (Site C)	LS	1	_____	_____
3.11.D	Removal of Structures & Obstructions (Site D)	LS	1	_____	_____
3.11.E	Removal of Structures & Obstructions (Site E)	LS	1	_____	_____
3.11.F	Removal of Structures & Obstructions (Site F)	LS	1	_____	_____
3.11.G	Removal of Structures & Obstructions (Site G)	LS	1	_____	_____
3.11.H	Removal of Structures & Obstructions (Site H)	LS	1	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
4.20	Common Excavation	CY	200		
5.10	Mineral Aggregate Base	TON	1,231		
9.10	Bituminous Plant Mix, Grading B	TON	71		
9.50	Bituminous Plant Mix, Grading "C-S"	TON	3		
10.10	Asphaltic Concrete Surface, Grading D	TON	29		
10.20	Asphaltic Concrete Surface, Grading E	TON	13		
10.30	6" Asphalt Curb	LF	169		
12.62	TDOT Combined Curb and Gutter, Type 6-30	LF	10		
12.65	6" Detached Concrete Curb	LF	526		
13.10	Concrete Sidewalks	SF	165		
13.20	Concrete Driveways	SF	60		
14.10	Flowable Fill (Flowable Mortar)	CY	5		
15.10	Reinforced Structural Concrete, Class A	CY	8		
20.12	15" R.C.P.	LF	256		
20.14	18" R.C.P.	LF	286		
20.16	24" R.C.P.	LF	461		
20.18	30" R.C.P.	LF	245		
22.12	No. 12 Catch Basin (Depth - 0'-6')	EA	3		
22.13	No. 12 Catch Basin (Depth - over 6')	EA	2		
22.15	Area Drain Catch Basin (Depth - 0'-6')	EA	1		
22.16	No. 12 Catch Basin (4' Dia. MH)	EA	1		
22.18	HW-24 Headwall	EA	7		
22.40	48" Manhole (Depth - 0'-6')	EA	2		
22.42	60" Manhole (Depth - 0'-6')	EA	1		
22.43	60" Manhole (Depth - over 6')	EA	4		
22.45	Drop Inlet (4' Dia. MH)	EA	4		
23.10	Adjusting Junction Box	EA	1		
25.20	TDOT Class A-3 Machined Riprap	TON	28		
26.10	Top Soil	CY	255		
27.10	Seeding	SY	2,202		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
31.11.B	Erosion Control (Site B)	LS	1		
31.11.C	Erosion Control (Site C)	LS	1		
31.11.D	Erosion Control (Site D)	LS	1		
31.11.E	Erosion Control (Site E)	LS	1		
31.11.F	Erosion Control (Site F)	LS	1		
31.11.G	Erosion Control (Site G)	LS	1		
31.11.H	Erosion Control (Site H)	LS	1		
32.10	Chain Link Fence	LF	15		
34.11.B	Construction Area Traffic Control (Site B)	LS	1		
34.11.C	Construction Area Traffic Control (Site C)	LS	1		
34.11.D	Construction Area Traffic Control (Site D)	LS	1		
34.11.E	Construction Area Traffic Control (Site E)	LS	1		
34.11.F	Construction Area Traffic Control (Site F)	LS	1		
34.11.G	Construction Area Traffic Control (Site G)	LS	1		
34.11.H	Construction Area Traffic Control (Site H)	LS	1		
36.40	Geotextile Fabric (riprap apron)	SY	10		
36.50	Turf Reinforcement Mat	SY	1,176		
70.10	Geosynthetic Concrete Composite Mat (GCCM)	LS	1		
TOTAL BID				\$	

TOTAL BID (In Words):