

ADDENDUM NO. I

Date: January 12, 2017

To: All Bidders

From: Boyce H. Evans, Purchasing Agent, City of Knoxville

Subject: Addendum No. I – 2017 Sidewalk Replacement Project

Bids to be Opened: January 18, 2017 at 11:00 am (Eastern Time)

This addendum becomes a part of the Contract Document and modifies the original specifications as noted.

Changes to the Contract Documents and Specifications:

Bid Proposal

A revised bid proposal form is attached to this addendum. The following is a summary of the changes made:

1. The quantity for Item No. 5.10, Mineral Aggregate Base has been revised.
2. The quantity for Item No. 9.10, Bituminous Plant Mix Base, Grading “E” has been revised.
3. The quantity for Item No. 9.20, Bituminous Plant Mix Base, Grading “B-M” has been revised.
4. The quantity and units for Item No. 12.62, 6” Concrete Combined Curb & Gutter, Type 6-30 have been revised.
5. Item No. 20.10, Gutter Drain has been renamed to Item No. 20.10 Gutter Drain, 3” PVC Pipe.
6. Item No. 20.20, Gutter Drain, Metal Plate has been added and paid for per linear foot.
7. Item No. 22.12, No. 12 Catch Basin (0’-6’ Deep) has been removed.
8. Item No. 23.10 Catch Basin Adjustment has been added and paid for per each.

For Site 23 the following items have been added:

1. Item No. 3.10 Fence Adjustment has been added and paid for as a lump sum.
2. Item No. 4.20 Common Excavation has been added and paid for per cubic yard.
3. Item No. 4.40 Borrow Excavation has been added and paid for per cubic yard.
4. Item No. 13.11 Concrete Sidewalks has been added and paid for per square foot.
5. Item No. 26.20 Topsoil has been added and paid for per cubic yard.
6. Item No. 27.20 Seeding has been added and paid for per square yard.

Spec Book

The spec book PDF file has been updated on OneHub to include corrected page numbers in the following sections: Bid Documents, General Conditions, Special Conditions and Technical Specifications.

Plan Sheets

The new and revised plan sheets have been uploaded to OneHub and can be found under file “Addendum No 1 Revised Plans.”

Revised Sheets

The following is a summary of the changes made revised sheets numbered 1, 1A, 2 and 4:

1. The duplicate of Site 1 has been removed and missing Site 22 and new Site 23 have been added as well as the new plan sheets page numbers have been added to Sheet No. 1.
2. Site 3 – James Agee St block numbers have been revised on Sheet No. 1A.
3. The quantities sheet on Sheet No. 2 have been revised to reflect the same changes listed above for the bid proposal on pages BD-6 and BD-6a.
4. The Root Deterrent Mat spreadsheet has been updated to list the width of mat required in the instructions column on Sheet No. 4.

New Sheets

The following is a summary of the new sheets numbered 1H and 3C:

1. Sheet No. 1H includes Site 23 - 522 Maryville Pike. This sheet includes a location map and typical sidewalk section.
2. Sheet No. 3C includes the sidewalk gutter drain details for the metal plate and 3” PVC pipe options.

Sidewalk Gutter Drains, 3” PVC Pipe

Description: This work shall consist of constructing sidewalk drains in accordance with these specifications, the Standard Specifications, the contract plans, or as directed by the Engineer. All work shall be performed in reasonably close conformity with the lines and grades shown on the plans or as directed by the Engineer and shall include all the costs associated with the materials, installation, and labor, including concrete, pipe, tying into existing roof drain system, and all miscellaneous materials.

Materials: Materials used in the construction of the concrete for the sidewalk drains shall meet the requirements of section 13, and all referenced sections within, of the City of Knoxville Specifications, unless otherwise specified in the plans.

Measurement and Payment: Sidewalk Drains will be measured and paid for by the linear foot of drain complete in place under Pay Item No. 20.10 Gutter Drain, 3” PVC Pipe.

Sidewalk Gutter Drains, Metal Plate

Description: This work shall consist of constructing sidewalk drains in accordance with these specifications, the Standard Specifications, the contract plans, or as directed by the Engineer. All work shall be performed in reasonably close conformity with the lines and grades shown on the plans or as directed by the Engineer and shall include all the costs associated with the materials, installation, and labor, including concrete, steel cover, tying into existing roof drain system, and all miscellaneous materials.

Materials: Materials used in the construction of the concrete for the sidewalk drains shall meet the requirements of section 13, and all referenced sections within, of the City of Knoxville Specifications, unless otherwise specified in the plans.

The sidewalk cover shall be a 10” black steel pedestrian safe removable cover, ½” thick.

Measurement and Payment: Sidewalk Drains will be measured and paid for by the linear foot of drain complete in place under Pay Item No. 20.20 Gutter Drain, Metal Plate.

South Knoxville Community Center

Site 23 – 522 Maryville Pike has been added to the 2017 Sidewalk Replacement Contract. For Site 23, the following items have been added: Item No. 3.10 Fence Adjustment, Item No. 4.20 Common Excavation, Item No. 4.40 Borrow Excavation, Item No. 13.11 Concrete Sidewalks, Item No. 26.20 Topsoil, and Item No. 27.20 Seeding.

A location map and details for Site 23 are shown on Plan Sheet 1H included in this addendum. The Contractor shall be required to fill in the slopes with borrow excavation, 4 inches of top soil and seed. This work shall be paid for respectively with Item 4.40, Borrow Excavation, Item No. 26.20, Topsoil and Item No. 27.20 Seeding.

Schedule

The Contractor shall be required to work on Site 23 – 522 Maryville Pike first in the contract.

Fence Adjustment

The Contractor shall adjust the post and cable fencing to allow an opening for the new sidewalk location from Mayfield Ave. All work shall be performed as

directed by the Engineer and shall include all the costs associated with the materials, installation, and labor. Fence adjustments will be paid for as a lump sum under Pay Item No. 3.10 Fence Adjustment.

Technical Specification 23 – Adjusting Storm Sewer Frames, is to be added to the technical specifications and is attached to this addendum.

Clarification of Contract Documents and Specifications:

The following are responses to questions received from potential bidders:

Questions

1. Q: Where is the location of Item No. 22.12, No. 12 Catch Basin (0'-6' Deep)?

A: Item No. 22.12, No. 12 Catch Basin (0'-6' Deep) has been removed. It has been replaced with Item No. 23.10 Catch Basin Adjustment to be paid for per each. This item is located at Site 18 – Colonial Circle.

2. Q: How will curb and gutter at curb cuts be paid for?

A: At curb cuts if the curb and gutter needs to be replaced it will be paid for under Item No. 12.62, 6" Concrete Combined Curb & Gutter, Type 6-30 and paid for per linear foot installed.

3. Q: If a bidder is not able to simultaneously bond both City of Knoxville Projects that open bids on the same day but wants to bid on both projects, what should they do?

A: Bidders who are not able to effectively bond both City of Knoxville Projects simultaneously may still submit a bid bond for both projects. However, such bidders are required to state, in their bid submission(s), that they are not able to complete both projects simultaneously. The City will then consider their bid(s) for both projects, but will only award a contract for one of the projects if, in fact, said bidder submits the lowest cost most responsible bid for both of the projects. Additionally, the decision as to which project the City will award a contract for is as the sole discretion of the City and will be done in a manner that is the most advantageous to the City.

END OF ADDENDUM NO. I

**BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE**

2017 Sidewalk Replacement Project
Project No. 16W-S-0606

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 Sidewalk Replacement Project, Project No. 16W-S-0606, 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.

_____ further agree(s) that in case of failure on _____ part to sign this within fifteen (15) days, the certified check or bid bond accompanying this proposal and the proceeds thereof shall be the property of the City of Knoxville.

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
4.10	Excavation for Curb, Sidewalk, and Driveways	SF	105,100	_____	_____
5.10	Mineral Aggregate Base	TON	195	_____	_____
9.10	Bituminous Plant Mix Base, Grading "E"	TON	60	_____	_____
9.20	Bituminous Plant Mix Base, Grading "B-M"	TON	155	_____	_____
12.62	6" Concrete Combined Curb & Gutter, Type 6-30	LF	725	_____	_____
12.65	6" Detached Concrete Curb, Type A	LF	1,150	_____	_____
13.10	Concrete Sidewalks	SF	68,000	_____	_____
13.13	Concrete Sidewalks w/Natural Sand Mix	SF	12,800	_____	_____
13.14	Concrete Sidewalk w/Integral Curb	SF	3,800	_____	_____
13.15	Concrete Sidewalk w/Integral Curb w/Natural Sand Mix	SF	350	_____	_____
13.16	Concrete Sidewalk w/Integral Curb on Both Sides	SF	1,775	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
13.17	Concrete Sidewalk w/Turn Up Curb on the Backside	SF	700		
13.20	Concrete Driveways	SF	9,750		
13.21	Concrete Driveways w/Natural Sand Mix	SF	1,700		
20.10	Gutter Drain, 3" PVC Pipe	LF	55		
20.20	Gutter Drain, Metal Plate	LF	10		
21.20	Filter Cloth Underdrain w/Pipe (4" HDPE)	LF	170		
23.10	Catch Basin Adjustment	EA	1		
26.10	Top Soil	CY	110		
27.10	Seeding	SY	400		
31.10	Erosion and Sediment Control	LS	1		
32.10	Decorative Steel Safety, 42", Powder Coated Black	LF	260		
58.20	Steel Curb Iron	EA	2		
58.21	Steel Curb Iron (Adjustment Only)	EA	11		
70.10	Tactile Warning Systems, Surface Applied	EA	1		
70.20	Tactile Warning Systems, Cast in Place	EA	55		
71.10	Biobarrier Root Control System	SY	500		
72.10	Permeable Clay Pavers	SF	900		
Site 23					
3.10	Fence Adjustment	LS	1		
4.20	Common Excavation	CY	11		
4.40	Borrow Excavation	CY	1		
13.11	Concrete Sidewalks	SF	520		
26.20	Top Soil	CY	12		
27.20	Seeding	SY	120		
TOTAL BID				\$	

TOTAL BID (In Words):

TECHNICAL SPECIFICATIONS
FOR
ADJUSTING STORM SEWER FRAMES

1. Description

This item shall consist of adjusting storm sewer frames and furnishing all labor, materials, and other items necessary to bring them to the grades as shown on the Plans or as specified by the Engineer.

The adjustment of frames includes only storm sewer frames, such as storm sewer manholes, and catch basins. All other frames such as water, electric, gas, etc. shall be adjusted by the Knoxville Utilities Board or other companies and are not included as a part of this Contract unless otherwise noted.

2. Materials

- (a) Concrete or mortar shall be Class A. Mortar shall be one part Portland cement and two parts sand. Concrete materials shall comply with the Specifications for Concrete.
- (b) Brick shall conform to AASHTO M91, Grade SM. Sand for mortar shall conform to AASHTO M45. Hydrated lime shall conform to ASTM C 206.
- (c) Backfill material shall conform to the Specifications for Mineral Aggregate Base.

3. Construction Requirements

- (a) All Sewer frames shall be reset as follows:
 - 1) Manholes that are more than 1/4 inch over or under the specified grade.
 - 2) Catch basins that are specified on the Plans or determined necessary by the Engineer.
- (b) The sewer frames shall be accurately set to line and grade by one of the following methods:
 - 1) Removing the frame and cover grating and raising or lowering the masonry top of the structure and resetting on a cushion of cement mortar and brick.
 - 2) Use of an adjustment ring fitted to the manhole frame.
- (c) Excavation shall be performed whenever necessary to bring the frames to grade on the Plans and as designated by the Engineer. Backfill material and compaction shall conform to the Specifications for Mineral Aggregate Base.
- (d) All frames shall be thoroughly cleaned of all excess mortar and accumulations of silt, clay, debris or foreign matter of any kind and shall be free from such at the time pavement is to be laid.

- (e) Flat metal manhole covers shall be temporarily placed immediately ahead of the paver so that the paver shall never pass over crowned manholes. A sufficient number of flat covers shall be available on the job site to allow the paving operation to progress smoothly.

4. Measurement

The number of storm sewer frames adjusted and accepted will be measured for payment per each.

5. Payment

Payment will be made at the Contract unit price per each frame adjusted and shall be full compensation for all work, materials, labor, and incidentals required to complete the work in accordance with the Plans and Specifications.