

ADDENDUM NO. 2

Date: October 13, 2017
To: All Bidders
From: Boyce H. Evans, Purchasing Agent, City of Knoxville
Subject: Addendum No. 2 – 2018 Sidewalk Replacement Project

Bids to be Opened: October 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. 71.10, Biobarrier Root Control System has been revised.

Clarification of Contract Documents and Specifications:

The following are responses to questions received from potential bidders:

Questions

1. Q: Which pay item includes the cost for the 2" mineral aggregate base under sidewalk?

A: The cost for mineral aggregate base under the sidewalk is included in each of the respective Items 13.10, 13.13, 13.14 and 13.18 per square foot of sidewalk.

2. Q: Is mineral aggregate base to be provided under concrete driveways? If so, which Pay Item includes that material?

A: The cost for mineral aggregate base under concrete driveways is included in each of the respective Items 13.20, 13.21 and 13.22 per square foot of driveway.

3. Q: Concrete driveways appear to be limited to three each with locations and dimensions shown on Drawing 1C at Sites 11 and 12. The concrete driveways shown there total 534 SF. Whereas, the Pay Items 13.20 and 13.21 for concrete

driveways have a total quantity of 6,140 SF. Please revise the drawings to show the remaining locations of 5,606 SF of concrete driveways required to be bid.

A: The referred locations that are called out in the plans are areas where the driveway sizes are being redefined. All other driveways shall be replaced the same area as in the field.

4. Q: Detail Concrete Sidewalk w/ Integral Curb on Drawing 3 shows requirement to sawcut existing asphalt and requirement for new asphalt paving. Which pay item includes saw cutting; and which pay item includes asphalt paving?

A: The cost for saw cutting and removal of asphalt is included in the unit cost of Item 4.10, Excavation of Curb, Sidewalk, and Driveways. The asphalt patch shall be paid for under Items 5.10 Mineral Aggregate Base, 9.20 Bituminous Plant Mix Base, Grading B-M, and 10.10 Asphaltic Concrete Surface, Grading "D".

5. Q: Please revise the drawings to include a Detail like the one referenced per Item 4 above to show:

- Item 12.62 Combined Curb & Gutter and
- Item 12.65 Concrete Curb Type A.

Please address saw cutting and asphalt paving as in item 4 above

A: See attached details with this addendum.

6. Q: Please revise the drawings to include a Detail for Item 20.10 Gutter Drain.

A: See attached detail with this addendum. This pay item will only be used to replace gutter drains that are damaged prior to removal of existing sidewalk.

7. Q: Regarding the Ramping Detail on Drawing 3A, please revise the plans to include a plan detail of the ramping for clarity. Ideally this should be done on the Location Maps.

A: The plans adequately convey the work needed to provide the desired ramping. Any additional direction needed will be provided in the field during construction.

8. Q: According to the Tree Locations schedule on Drawing 3A, there is a total of 270 ft. of Root Deterrent Mat required (total of 6th column). Whereas, the Pay Item 71.10 has a quantity of 120 SY. Please clarify and correct quantities appropriately.

A: The quantity for item 71.10 has been revised, see attached for updated BD-6.

9. Q: What is the required quantity of #89 limestone required per Ramping Detail on Drawing 3A and which Pay Item includes that?

A: The note on the Ramping Detail on Drawing 3A shall be changed from #89 limestone to mineral aggregate base. The cost of this mineral aggregate base shall be included in the unit cost for the respective sidewalk. The average amount of mineral aggregate base needed to construct each ramp is estimated to be 2 tons.

10. Q: Please provide us with the trade names of two additional products that are equal to Biobarrier Root Control Fabric that is called out on the Ramping Detail on Drawing 3A.

A: It is the Contractors responsibility to supply the Biobarrier or an approved equivalent.

11. Q: Since no Pay Item exists for Construction Staking Lines and Grades, we assume that the City of Knoxville bears full responsibility for that. Otherwise, please address that fully.

A: If construction stake out is needed, this will be provided by the City as indicated in the general conditions.

12. Q: The bid documents are unclear as to the final disposition of excavated concrete debris and excavated earth spoils resulting from this work. Therefore, please offer more specific information in that regard, otherwise we may assume specifications like KUB:

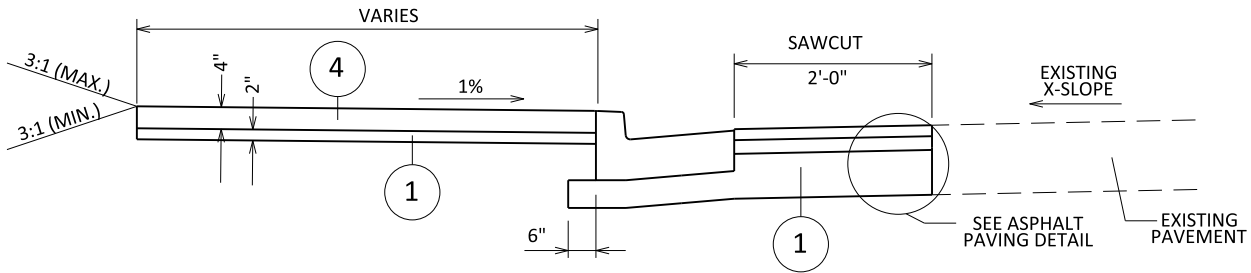
It is anticipated that some portion of the project will require spoils to be disposed as special waste, including rail crossties that will require disposal at Chestnut Ridge Landfill. Special Waste must be received by 2:00PM EST each day at the Chestnut Ridge Landfill, and Contractor will not be responsible for Tipping Fees.

A: We expect that all waste from this project would be disposed of at a C&D landfill.

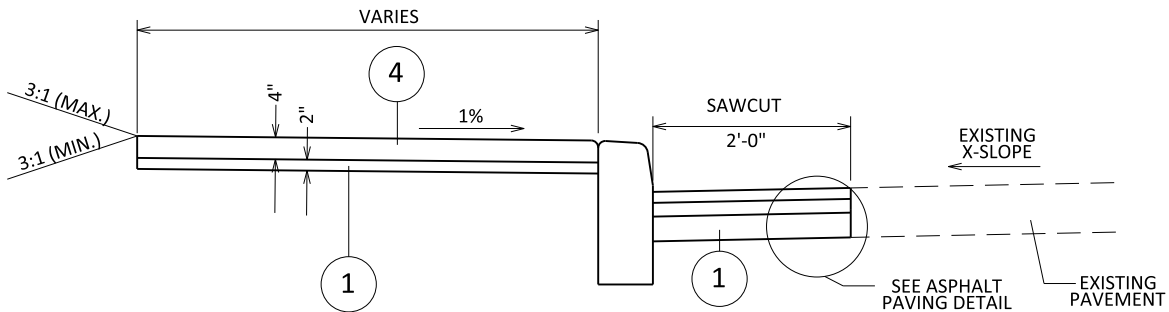
13. Q: Please provide us with the minutes of the October 4th pre-bid meeting.

A: Meeting minutes were not taken at the pre-bid meeting. Attached is the sign in sheet from the meeting.

END OF ADDENDUM NO. 2



CONCRETE SIDEWALK WITH COMBINED CURB AND GUTTER



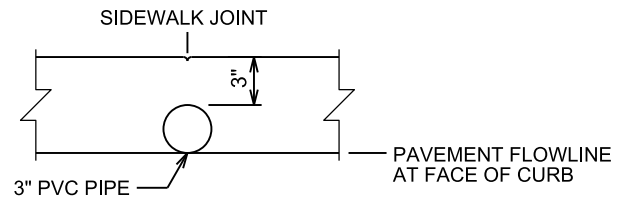
CONCRETE SIDEWALK WITH DETACHED CURB, TYPE A

NOTE:

THIS DETAIL IS TO PRESENT THE TYPE OF MATERIAL AND LAYOUT OF THE 3" PVC PIPE THROUGH THE SIDEWALK

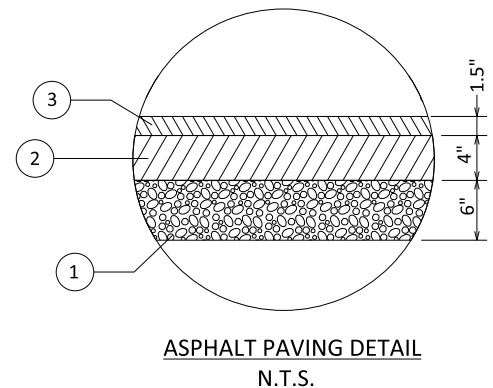
IN SOME CASES THE CONTRACTOR SHALL GO THROUGH EXISTING CURB OR PROPOSED CURB WITH GUTTER DRAIN PIPE.

TIE EXISTING ROOF DRAIN SYSTEM INTO SIDEWALK DRAIN



SIDEWALK GUTTER DRAIN, 3" PVC PIPE DETAIL

TYPICAL SECTION SCHEDULE		
ITEM	TECH. SPEC.	DESCRIPTION
1	5.0	MINERAL AGGREGATE BASE
2	9.0	BITUMINOUS PLANT MIX BASE, GRADING "B - MODIFIED"
3	10.0	ASPHALTIC CONCRETE SURFACE, GRADING "D"
4	13.0	CONCRETE SIDEWALK WITH INTEGRAL CURB



2018 Sidewalk Replacement Project

CONSTRUCTION DETAILS

City of Knoxville
Dept. of Engineering

Scale: N.T.S



CITY OF KNOXVILLE

City of Knoxville Pre-Bid Meeting for: **2018 Sidewalk Replacement**

Bid Opening Date: **October 18, 2017**

NAME OF ATTENDEES:

ATTENDEE NAME	COMPANY	CITY/STATE	PHONE #	EMAIL ADDRESS
Robert Coggins	DCSI	Knoxville, TN	865-523-9730	Robert@DCSIGC.com
James Larsen	Southern Constructors Inc	Knoxville, TN	865-577-5511	j.larsen@southernconstructors.com
Amanda Koenig	COK	Knoxville, TN	865-215-6184	apolski@knoxvilletn.gov
JASON ROGERS	ADAMS CONTRACTORS	LEXINGTON KY	859 707-1420	JROGERS@ ADAMS CONTRACTORS KY.COM
Doug McKinnon	McKinnon Construction	Linda TN	865-408-3030	mmckinnon@bell.net
Bryan Berney	COK	Knoxville	865-215-2543	bberney@knoxvilletn.gov

BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE

2018 Sidewalk Replacement Project
Project No. 17W-S-0633

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 2018 Sidewalk Replacement Project, Project No. 17W-S-0633, 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
2.10	Clearing and Grubbing	LS	1	_____	_____
3.10	Removal of Structures and Obstructions	LS	1	_____	_____
4.10	Excavation for Curb, Sidewalk, and Driveways	SF	54,100	_____	_____
4.40	Borrow Excavation	CY	170	_____	_____
5.10	Mineral Aggregate Base	TON	185	_____	_____
9.20	Bituminous Plant Mix Base, Grading "B-M"	TON	55	_____	_____
10.10	Asphaltic Concrete Surface, Grading "D"	TON	50	_____	_____
12.62	6" Concrete Combined Curb & Gutter, Type 6-30	LF	140	_____	_____
12.65	6" Detached Concrete Curb, Type A	LF	480	_____	_____
13.10	Concrete Sidewalks	SF	30,500	_____	_____
13.13	Concrete Sidewalks w/Natural Sand Mix	SF	6,550	_____	_____
13.14	Concrete Sidewalk w/Integral Curb	SF	1,200	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
13.18	Concrete Sidewalk w/Integral Curb on Back Side	SF	7,020		
13.20	Concrete Driveways	SF	5,000		
13.21	Concrete Driveways w/Natural Sand Mix	SF	580		
13.22	Concrete Driveways, High Early Strength	SF	560		
20.10	Gutter Drain	LF	35		
20.14	18" R.C.P.	LF	20		
22.12	No. 12 Catch Basin	EA	1		
22.18	HW-24 Headwall	EA	1		
26.10	Topsoil	CY	65		
27.10	Seeding	SY	545		
31.10	Erosion and Sediment Control	LS	1		
58.21	Steel Curb Iron (Adjustment Only)	EA	3		
70.20	Tactile Warning Systems, Cast in Place	EA	18		
71.10	Biobarrier Root Control System	SY	140		
TOTAL BID				\$	

TOTAL BID (In Words):