

ADDENDUM NO. 6

DATE: October 26, 2017
TO: All Bidders
FROM: Boyce H. Evans, Purchasing Agent
SUBJECT: Addendum No. 6 – Fort Dickerson Parking Lot Improvements Project
PROJECT NO.: 17G-G-0640
BIDS TO BE OPENED: November 3, 2017, at 11:00:00 a.m. Eastern Time

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

Bid Deadline:

The bid deadline has been extended until November 3, 2017 at 11:00:00 a.m. Eastern Time to provide additional time for interested bidders to review the information in this addendum.

Deadline for Questions:

The deadline for questions is extended until close of the business day on Monday, October 30, 2017.

Contract Licensure:

In addition to the current license of HRA, or sub-classifications A, B, and E, bidders with the Building Category of BC-29 - Landscaping with an Unlimited Monetary Limit will be considered acceptable.

All work in Add Alternate B associated with the water line and sanitary sewer must be performed by a contractor that is on KUB's prequalified contractor list. All other work associated with any water line or sanitary sewer infrastructure must be performed by a contractor with a Municipal and Utility Construction (MU) license or sub-category MU-A.

All work associated with any electrical infrastructure for this project must be performed by a contractor with an Electrical Contracting (CE) license or subcategories C, K and L.

Clarification for Planting Maintenance:

Concerning Add Alternate C, Planting Maintenance - this item should be priced assuming that all the landscaping in the base bid and all the Add Alternates pertaining to landscaping will be included.

The maintenance period will run concurrent with the warranty period for the first year and an additional two years if Add Alternate C is awarded. Upon acceptable completion of the project (excluding the maintenance) the Performance and Payment Bond will be released. All retainage, except the amount equal to the value for Maintenance of Planting Areas, will be released as well. Final retainage will be released at the end of the maintenance period.

Bid Summary Form:

The bid summary form has been updated to eliminate the duplication of pay item numbers, remove items that pertained to deductions, and address comments and questions that were expressed at the pre-bid meeting. Use the bid summary attached to this addendum.

Plans Revisions:

The following plan sheets have been revised in response to addressing the questions with this addendum: G-101, C-105, C-112, C-115, C-116, E1.01, E1.02, E1.03, E1.04, E1.05 and E1.06.

The revised plan sheets are posted at the link provided to those who submitted a Bid Document Request form and is titled "Addendum No 6 - revised plans.pdf".

Specification Revisions:

Technical Specification 01 23 00, Section 3.1 SCHEDULE OF ALTERNATES, will be changed as follows:

A. to read as Add Alternate A: Augusta Avenue Entry Improvements

B. to read as Add Alternate B: Boring/ Casing of Utility Lines

C. to read as Add Alternate C: Planting Maintenance

D. to read as Add Alternate D: Site Lighting

Insert E. to read as Add Alternate E: Tree and Shrub Upsizing

1. Upsize height, caliper, and volume of selected planting materials.

Technical Specification 04 43 00, Section 1.2 SUMMARY will be changed as follows:

Add "ITEM 04.43.00E for wall located at north edge of parking lot" to the end of the third sentence in Part A.

Add the following items to the end of the list in part B:

- 3. Perforated drain pipe.
- 4. Drainage fill.

- 5. Small aggregate edging.

Add the following items to the end of the list in part C:

- 5. 31.0 Erosion Prevention and Sediment control
- 6. 32 15 05 Aggregate Stone Edging

Technical Specification 05 50 00, Section 1.2 SUMMARY will be changed as follows:

Add the following item to the end of the list in Part B:

- 3. 32 15 05 Aggregate Stone Edging

Electrical Work

Concerning the work associated with the Base Bid, Add Alternate A, and Add Alternate D the scope of work has been adjusted as follows; the plan sheets and pay items have been revised to address these changes:

BASE BID

All electrical base bid items are “furnish and install”. The base bid is for all electrical items that are to be installed in the ground at the Parking Lot area only. This includes the 2” PVC schedule 40 conduit to connect the transformer box/pad to the service panel concrete pad, the stub ups for the service panel, 2” PVC schedule 40 conduit to connect all the pull boxes, the 12” x 12” pull boxes at each pole light base, the pole light bases, the 12” x 12” pull box serving the future up lights, the concrete service pad, the 2 - 2” PVC schedule 40 conduits to the box pad from the 3 x 5 x 4 hand hole, and the 3 x 5 x 4 manhole. NO CONDUCTOR should be included in the base bid.

ADD ALTERNATE A:

All electrical bid items for Add Alternate A are “furnish and install” and include all the electrical items that are to be installed in the ground at the Augusta Ave entrance. This includes the 2” PVC schedule 40 service conduit from the utility pole to the service panel pad, the concrete service pad, the stub ups for the service panel, the 2” PVC schedule 40 conduit to connect all pull boxes and junction boxes, the 12” x 12” pull boxes serving the future up lights, and the junction boxes at the future linear lights at the sign.

ADD ALTERNATE D:

All electrical bid items are “furnish and install” and include all the items necessary for a complete lighting system (and future service to a kiosk) that were NOT COVERED in the base bid for the parking lot and Add Alternate A for the Augusta Ave Entry. At the Augusta Ave Entry: This includes the meter base, the timer, and the service panel on the pad, the linear lights at the sign and associated conduit, the up lights, the P/B-S stakes for the up lights and associated ½” conduit, all the breakers in the service panel, all the conductors, and all the fuses for the lights as called for on the drawing. At the Parking Lot: This includes all light poles, the pole light luminaries, up lights, the P/B-S stakes for the up lights and associated ½” conduit, all the service equipment on the service pad (meter base, 200A service panel and 30A - 240 volt timer), all the breakers in the service panel, all the conductors, and all the fuses for the lights as called for on the drawing. Include any items necessary for a complete job in the bid if not covered by a bid item.

Questions and Responses:

Question 1: Can the sign-in sheet for the Pre-Bid meeting be posted with the addendum?

Response: Yes. It is attached to this addendum.

Question 2: What was the source of the stone for the curbing and stone facing for the Fort Dickerson Gateway Project at Chapman Highway?

Response: It is not required to use this source to comply with the specifications. The source used for the facing was Dunlap Stone Quarry, north of Chattanooga, Tennessee. Technical Specification 32 14 40 – Stone Curb provides the requested information for the source of the stone.

Question 3: Where is Item No. 9.20, Bituminous Plant Mix used?

Response: See Paving Detail 03 on sheet C-116.

Question 4: Will the contractor be required to have a building permit for this project?

Response: Yes, building permit requirements for any utility work still apply.

Question 5: What is the difference between the different Mineral Aggregate Bases, Item Nos. 5.01.01, 5.01.02, and 5.01?

Response: See the details on the revised plan sheets C-115 and C-116. Additionally replace Section 1.2 of Technical Specification 32 00 01 – Mixed Stone Aggregate with the following:

1.2 SUMMARY

- A. Mixed Stone Aggregate: Mixed Stone Aggregate shall be measured in **TON** installed and as a Plan Quantity where noted. Payment will be made under **ITEM 5.10** at the contract unit price per **TON**, which shall be compensation in full for all costs of furnishing and installing Mixed Stone Aggregate, including the following items, complete in place as specified:
 - 1. Mixed Stone Aggregate.
- B. Double Bituminous Surface Treatment: Payment shall be made per plan quantity for **ITEM 404.01.01** at the contract unit price per **SQUARE FEET**, which shall be compensation in full for all costs of furnishing and installing Mixed Stone Aggregate, including the following items, complete in place as specified:
 - 1. Mixed Stone Aggregate.
 - 2. Double Bituminous Surface Treatment as specified in TDOT Road and Bridge Specifications (latest edition) regarding the bituminous binder mix and tack coat. Applications and material shall conform to TDOT 404.00.00 as directed by the Engineer with the exception of the granular material to be applied for the surface

treatments. The granular material shall conform to the Mixed Stone Aggregate as specified herein. Top coat of Mixed Stone Aggregate to be of sufficient depth to prevent discoloration due to tack and binder coat and provide a consistent appearance matching the other Mixed Stone Aggregate surfaces that are part of the project.

Question 6: For Bid Item 404.01.01, will it be permissible to use SS-1 or SS-1H or do we need to plan on using AC-20 or PG64-22?

Response: The application of SS-1 or CS-1 will be acceptable for this project.

Question 7: What is section for the Asphalt Apron at Augusta Avenue?

Response: See the detail on revised sheet C-116.

Question 8: What is the gradation of the Rip Rap?

Response: TDOT Class A-3. This is reflected in the revised Bid Summary.

Question 9: There are issues locating some of the plantings, particularly the upsizing. Can you advise on how to bid items that could not be found?

Response: The revised Bid Summary reflects the sizes and species of the plantings to be used. If the specified quantity of Item 32.90.00-01.4 or 32.90.00-01.4A—listed in the Bid Schedule as “4-inch Caliper B&B Quercus falcata” (Southern Red Oak)—is not available, an acceptable substitute is a “4-inch Caliper B&B Quercus prinus” (Chestnut Oak).

Question 10: For Item No. 905.00.08, is the contractor to include 1-2” or 2-2” sch. 40 conduits for this item?

Response: Install 1 – 2” conduit as stated.

Question 11: For Item 905.00.13, two different mounting types are depicted in the electrical details. Which base for up lights is to be installed?

Response: Item 905.00.13 has been moved to Add Alternate D. Use stake type base P/D-S.

Question 12: Item No. 901.00.00 in Add Alternate A and Item No. 901.00.01 in Add Alternate D, have 14 each up lights listed. Are these duplicate items? Also, what is to be included in these items (are we to include furnishing the material only, or furnish and install)?

Response: Yes, They are duplicates. Item 901.00.00 has been eliminated. In Add Alternate D, 14 are specified. Furnish and install on ALL electrical items.

Question 13: Item No. 905.00.02 in Add Alternate A has 18 each Pullboxes (12”X12”) listed. Sheet E1.01 depicts the location of 2 junction boxes, where are the other 16 shown to be installed?

Response: These are for Augusta Ave. Provide two (2) 12”x12” pull boxes as shown for the future up lights. The quantity has been changed in the Summary.

Question 14: Item No. 905.00.03 in Add Alternate A has 16 each uplights and Sheet E1.02 depicts 14. Are there 2 additional lights that will be installed?

Response: Item 905.00.03 has been moved to Add Alternate D. Only 14 – P/D-S bases (and associated lights) required.

Question 15: For Item No. 902.00.00 in Add Alternate A, what is to be included in this item? Is it furnish and install?

Response: This a duplicate covered by another pay item and has been eliminated.

Question 16: For Item No. 903.00.00 in Add Alternate A, is this item furnish only or furnish and install?

Response: Item 903.00.00 has been moved to Add Alternate D. Furnish and install 2 – GVA STR9-1500-BM-2.5W-3000K-TB-ND-1100-277VAC-A61 linear lights LED line voltage.

Question 17: ALL ITEMS in Alternate D with “Install” in the description. Are these item furnish only or furnish and install?

Response: Furnish and install.

Question 18: Item No. 911.00.03 in Add Alternate D has installing Uplights and Sign Lights at a quantity of 18. The count for Uplights is 14 ea. and Sign Lights is 2 ea. Where are the 2 additional lights and what style are they?

Response: Item No. 911.00.03 has been eliminated, refer to Item No. 901.00.01 for Uplights (14) and Item No. 903.00.00 for Linear Lights at Sign (2).

Question 19: For Item Nos. 911.00.05 & 911.00.18 in Add Alternate D, are we to include 1 or 2 fuses per EA on this item?

Response: All lights are 240V 3 W with one 5A fuse in each “hot” leg as per details shown.

Question 20: For Item No. 901.00.01 in Add Alternate D, is this item for up lighting only or for up lighting and sign lighting?

Response: This is for up lighting only.

Question 21: For Item No. 901.00.01 in Add Alternate D, is this item furnish only or furnish and install?

Response: Furnish and install.

Question 22: For Item No 902.00.01 in Add Alternate D, is this a duplicate item from Add Alternate A?

Response: Item No 902.00.01 is covered by other pay items and has been eliminated.

Question 23: On Sheet E1.01 for the 39W LED Luminaire, 12 (Typ.), is there a pull box 12"X12" depicted at each pole base?

Response: Yes, there is a pull box at each pole base for the base bid. 12 - 12"x12" pull boxes at the pole bases to be included in Item 905.00.11.

Question 24: For the Telluride LED Luminaire, 15 (Typ.), See Detail 19 on Sheet. E1.06, Detail 19 depicts two different lights (Auroralight and LSI). Which is the correct Uplight to be utilized? Please provide the desired part number (the detail has multiple options and our vendors need to know what is desired so they can price the fixtures).

Response: Use Auroralite Telluride LED Up light, Catalog # HSL16-S-BR-60-NG-12-W-30D-P/D-S-NAT.

Question 25 Which mounting method is desired for the up lighting (stake or box)?

Response: Add Alternate D to include up light mounted to stake (P/D-S) in lieu of 12"x12" junction box, see Item 905.00.13.

Question 26: Is there to be a pull box/junction box 12"X12" to be installed at each Up light? If so, what pay item is to be used for these boxes?

Response: Pull boxes are not required at each up light. 1-12"x12" pull box at the location shown on sheet E1.01 to be included in Item 905.00.15.

Question 27: Sign Light (Typ. of 2) GVA STR9 Line Voltage (See Sheet E1.06): Detail 20 does not show the complete nomenclature of the linear light to be installed. What is the length, body color, LED power, LED color, optics, control, voltage, and mounting bracket? A detail showing location and mounting of linear light on the sign is needed.

Response: Use GVA STR9-1500-BM-2.5W-3000K-TB-ND-1100-277VAC-A61 line voltage. Refer to detail 02/A501 for mounting location of linear light.

Question 28: Is there to be a pull box/junction box 12”X12” to be installed at each Up light? If so, what pay item is to be used for these boxes?

Response: Pull boxes are not required at each up light. 2-12”x12” pull boxes at the locations shown on sheet E1.02 to be included in Item 905.00.02.

Question 29: For Detail 4 on Sheet E1.03, Electric and Control Panel (Parking Lot Area), the drawing calls for conduit and wire to Future Kiosk. Where is the Kiosk located? Which pay item will be used for this work?

Response: This is a stub-out only – No conductor. The stub-out is toward the lake and only needs to extend approximately 2’ beyond the concrete base. Use pay items 905.00.09 which is for the concrete base for the service panel meter and timer at the parking lot. The base bid is for the concrete and conduit “turn ups” and stub-out.

END OF ADDENDUM NO. 6

**BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE**

**Fort Dickerson Parking Lot Improvements
Project No. 17G-G-0640**

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 Fort Dickerson Parking Lot Improvements Project, Project No. 17G-G-0640, 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
ESTIMATED ROADWAY QUANTITIES					
1.0	Mobilization	LS	1		
01.56.39	Tree Protection	LS	1		
2.0	Clearing and Grubbing	LS	1		
3.0	Removal of Structures and Obstructions	LS	1		
4.0	Fine Grading (Plan Quality)	SF	37,453		
4.01.01	Earthwork (Excavation for Planting Areas)	CY	2,441		
4.01.02	Site Preparation (Augusta Avenue)	SF	7,334		
4.01.03	Site Preparation (Plan Quality) (Parkway)	SF	24,500		
4.01.04	Site Preparation (Plan Quality) (Parking Lot)	SF	37,658		
5.01.01	Mineral Aggregate, Type A Base, Grading D (Parkway)	TON	120		
5.01.02	Mineral Aggregate Base, Type A Base, Grading D (Parking Lot and Augusta Avenue Entrance)	TON	1,000		
5.10	Mixed Stone Aggregate (Augusta Avenue Entrance Road, Parkway, Parking Lot)	TON	803		
9.20	Bituminous Plant Mix, Grading B-M (Parking Lot)	TON	486		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
10.0	Asphaltic Concrete Mix, Grading D (Apron at Augusta Avenue)	TON	15		
11.0	Portland Cement Concrete Pavement, Class CP	CY	20		
20.0	18" Pipe Culvert (HDPE)	LF	535		
22.0	Catch Basins, Type 12, 0-4' Depth	EA	10		
25.0	Rip Rap (TDOT Class A-3)	TON	5		
31.0	Erosion and Siltation Control	LS	1		
34.0	Construction Area Traffic Control	LS	1		
203.10	Compacted Dirt Path	SF	13,500		
404.01.01	Double Bituminous Surface Treatment (Use with Mixed Stone Aggregate)	SF	20,100		

UTILITIES

02.51.02	8" HDPE Water Line	LF	300		
02.51.08	Water Service Assembly (1")	EA	1		
02.51.09	1" Water Service Line	LF	50		
02.53.06	8" PVC Sanitary Sewer Line	LF	40		
02.53.00	Manhole - 9" Deep	EA	1		
02.53.07	1-1/4" Sanitary Force Main Service Line	LF	300		
905.00.06	Furnish and Install 3' x 5' x 4' Hand Hole (Parking Lot)	EA	1		
905.00.07	Furnish and Install (2) - 2" SCH 40 Conduit from Hand Hole to Transformer Base (Parking Lot)	LF	270		
905.00.08	Furnish and Install (1) - 2" SCH 40 Conduit from Service Pad to Lights (Parking Lot)	LF	850		
905.00.09	Furnish and Install Concrete Base for Service Panel and Timer (Parking Lot)	LS	1		
905.00.10	Furnish and Install HL45 Fiberglass Base for PM Transformer (Parking Lot)	LS	1		
905.00.11	Furnish and Install 12" x 12" Pullboxes at Lights (Parking Lot)	EA	27		
905.00.12	Furnish and Install Concrete Bases for Light Poles (Parking Lot)	EA	12		
905.00.15	Furnish and Install 12" x 12" Pullbox to Serve Future Uplights	EA	1		
905.00.16	Furnish and Install 2" SCH 40 Conduit to Pullbox to Serve Future Uplights	LF	30		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
LANDSCAPING					
04.43.00C	Stone Site Wall	LS	1		
04.43.00D	Stone Site Wall	LS	1		
04.43.00E	Stone Site Wall	LS	1		
12.93.00.01	Trash Bins	EA	3		
12.93.00.02	Recycling Bins	EA	3		
12.93.00.03	Bike Racks	EA	11		
32.14.00.01	Stone Curb	LF	1,924		
32.14.00.02	Wheel Stop	EA	39		
32.15.00.01	Stabilized Stone Screenings	SF	5,460		
32.15.00.02	Commercial Steel Edging with Staking System	LF	145		
32.15.00.03	Small Aggregate Stone Edging	SF	475		
32.15.00.04	Medium Aggregate Stone Edging	SF	475		
32.15.00.05	Boulders	EA	99		
32.91.00.01	Planting Soil Mix	CY	995		
32.91.00.02	Meadow Soil Mix	CY	1,210		
32.93.00-01.1	3.5" Caliper B&B Cladrastis Kentukea	EA	10		
32.93.00-01.2	3.5" Caliper B&B Gymnocladus Dioca	EA	12		
32.93.00-01.3	16'-18' Height B&B Juniperus Virginiana	EA	16		
32.93.00-01.4	4" Caliper B&B Quercus Falcata	EA	10		
32.93.00-01.5	4" Caliper B&B Quercus Macrocarpa	EA	9		
32.93.00-01.6	4" Caliper B&B Ulmus Americana	EA	6		
32.93.00-02.1	8'-10' Height B&B Cercis Canadensis	EA	5		
32.93.00-02.2	10'-12' Height B&B Rhus Typhina	EA	5		
32.93.00-02.3	2" Caliper B&B Sassafras Albidum	EA	3		
32.93.00-02.4	8'-10' Height B&B Viburnum Rufidulum	EA	7		
32.93.00-02.5	8'-10' Height B&B Aesculus Glabra	EA	5		
32.93.00-03.1	3 Gallon Aesculus Parviflora	EA	7		
32.93.00-03.3	3 Gallon Viburnum Dentatum	EA	7		
32.93.00-03.4	3 Gallon Rhus Aromatica	EA	47		
32.93.00-04	Understory Planting (Plugs @ 12" O.C.)	EA	16,788		
32.93.00-05.1	Meadow Mix 1	SF	15,850		
32.93.00-05.1A	Meadow Mix 1A (Base Bid Only)	SF	15,225		
32.93.00-05.2	Meadow Mix 2	SF	5,725		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
32.93.00.06	Mulch (Organic, 2")	CY	530		
32.96.00.01	Maintenance of Planting Areas (First Year Maintenance)	YEAR	1		
TOTAL BASE BID				\$	

TOTAL BASE BID (In Words):

ALTERNATES

ADD ALTERNATE A	AUGUSTA AVENUE ENTRANCE IMPROVEMENTS				
4.01.02	Site Preparation (Augusta Avenue) Gravel at Parking Area (TCE)	SF	3,200		
905.00.00	Furnish and Install 2" SCH 40 Conduit at Location Shown on Plan to Lights (Augusta Avenue)	FT	150		
905.00.01	Furnish and Install 2" SCH 40 Conduit Up Meter Pole (Augusta Avenue)	FT	30		
905.00.02	Pullboxes, 12" x 12" (Augusta Avenue)	EA	2		
905.00.04	Pad for Service Panel and Timer (Augusta Avenue)	LS	1		
905.00.05	Pad Conduit Stub Outs (Augusta Avenue)	LS	1		
905.00.17	Furnish and Install Galvanized Steel Junction Boxes at Future Sign Lights	EA	2		
04.43.00A	Stone Site Wall	LS	1		
04.43.00B	Stone Site Wall	LS	1		
05.50.00	Quarry Lake Sign Wall (Incl. Foundation)	LS	1		
32.15.00.04A	Boulders	EA	25		
32.31.19	Gates	LS	1		
32.91.00.01A	Planting Soil Mix	CY	630		
32.93.00-01.1A	3.5" Caliper B&B Cladrastis Kentukea	EA	8		
32.93.00-01.2A	3.5" Caliper B&B Gymnocladus Dioca	EA	5		
32.93.00-01.4A	4" Caliper Quercus Falcata	EA	4		
32.93.00-01.5A	4" Caliper B&B Quercus Macrocarpa	EA	5		
32.93.00-01.6A	4" Caliper B&B Ulmus Americana	EA	5		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
32.93.00-02.2A	10'-12' Height B&B Rhus Typhina	EA	9		
32.93.00-02.4A	8'-10' Height B&B Viburnum Ruffidulum	EA	8		
32.93.00-03.3A	3 Gallon Viburnum Dentatum	EA	10		
32.93.00-03.4A	3 Gallon Rhus Aromatica	EA	10		
32.93.00-04A	Understory Planting (Plugs @ 12" O.C.)	EA	12,134		
32.96.00.01A	Maintenance of "Alternate A" Planting Areas (Provide Cost Difference Only)	Year	1		
ADD ALTERNATE A TOTAL					

TOTAL ADD ALTERNATE A (In Words):

ADD ALTERNATE B	BORING/ENCASEMENT OF UTILITY LINES
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ELECTRIC

904.00.00	Bore Under N.S.R.R. and Install 6" Steel Casing	LF	80		
905.00.00	Furnish and Install (2) - 2" SCH 40 Conduit from Term Pole to Handhole	FT	90		
909.00.00	Furnish and Install #2/0 AWG Cable from PF Transf. to Service Panel	FT	75		

WATER/SEWER

910.00.00	Bore Under N.S.R.R. and Install 18" Steel Casing for Sanitary Sewer	LF	80		
910.01.00	Bore Under N.S.R.R. and Install 18" Steel Casing for Water	LF	80		
910.02.00	Install Waterline in Encasement Under R.R.	LF	80		
910.03.00	Install Sanitary Sewer Line in Encasement Under R.R.	LF	80		
910.04.00	Manholes 0-9'	EA	1		
ADD ALTERNATE B TOTAL					

TOTAL ADD ALTERNATE B (In Words):

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
ADD ALTERNATE C	PLANTING MAINTENANCE				
32.96.00.01C	Additional Two Years of Maintenance of Planting Areas (3 Years Total)	YEAR	2		
				ADD ALTERNATE C TOTAL	

TOTAL ADD ALTERNATE C (In Words):

ADD ALTERNATE D	SIGHT LIGHTING				
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AUGUSTA AVENUE

901.00.01	Furnish and Install Uplights at Shade Trees	EA	14		
903.00.00	Furnish and Install Linear Light at Quarry Lake Sign Wall	EA	2		
905.00.03	Furnish and Intall Bases for Uplights (Augusta Avenue)	EA	14		
905.00.18	Furnish and Install 1/2" Conduit To/Through Uplight Bases	FT	150		
911.00.02	Furnish and Install 60A Service Panel, Timer and Meter Base	LS	1		
911.00.05	Furnish and Install Fuses for Lights	EA	18		
911.00.06	Furnish and Install #6 AWG Wire to Lights	FT	945		
911.00.07	Furnish and Install #2 AWG Wire from Meter to 60A Panel	FT	50		
911.00.08	Furnish and Install 30A 2Pole Breaker in 60A Panel	LS	1		

PARKING LOT AREA

905.00.13	Furnish and Install Bases for Uplights (Parking Lot)	EA	15		
905.00.19	Furnish and Install 1/2" Conduit To/Through Uplight Bases	FT	200		
911.00.10	Furnish and Install Light Poles at Parking Lot	EA	12		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
911.00.11	Furnish and Install Luminaires on Light Poles	EA	12		
911.00.12	Furnish and Install Uplights at Trees	EA	15		
911.00.13	Furnish and Install 200A Breaker Box at Service Panel	EA	1		
911.00.14	Furnish and Install (1) - 100A Breaker and (2) - 30A Breaker in 200A Panel	LS	1		
911.00.15	Furnish and Install 30A Light Timer on Service Rack	LS	1		
911.00.16	Furnish and Install #2/0 AWG Wire from PM Transformer to 200A Panel	FT	60		
911.00.17	Furnish and Install #6 AWG Wire to Lights	FT	3,400		
911.00.18	Furnish and Install Light Fuses	EA	17		
911.00.19	Furnish and Install #10 AWG Wire Up Poles to Luminaires	FT	1,056		
ADD ALTERNATE D TOTAL					

TOTAL ADD ALTERNATE D (In Words):

ADD ALTERNATE E	TREE AND SHRUB UPSIZING				
32.93.00-03.1E	Upsize to 5 Gallon Aesculus Parviflora (Provide Cost Difference Only)	EA	7		
32.93.00-03.3E	Upsize to 5 Gallon Viburnum Dentatum (Provide Cost Difference Only)	EA	17		
32.93.00-03.4E	Upsize to 5 Gallon Rhus Aromatica (Provide Cost Difference Only)	EA	57		
32.96.00.01E	Maintenance of Planting Areas for Upsized Planting (Provide Cost Difference Only)	YEAR	3		
ADD ALTERNATE E TOTAL					

TOTAL ADD ALTERNATE E (In Words):

TO OPEN ON 10/10/17 AT 11:00A.M. (EASTERN TIME)

NAME OF ATTENDEES	COMPANY NAME	ADDRESS	PHONE	EMAIL ADDRESS
Alan Messler	SiteOne Landscape Supply	2200 Lovell Rd, Knox	865.740.4016	jmessler@siteone.com
Robert Whitaker	Total Property Management	1200 W. Hwy 11-E New Market 37820	865-771-0436	robert@tpm.biz
TODD L. BUTLER	Southern Constructors Inc.	1150 Maryville Pike Knoxville, TN	865-579-5351	TButler@SouthernConstructorsInc.com
Tyler Fest	Hickory Construction	1214 Kent Place Alcoa, TN	865-983-2856	TFest@hickoryconstruction.com

Boyle H. Evans (9/28/17)
 Boyle H. Evans
 Purchasing Agent
 City of Knoxville