

ADDENDUM NO. 4

DATE: September 21, 2017
TO: All Bidders
FROM: ~~Boyce~~^{BE} H. Evans, Purchasing Agent
SUBJECT: North Central Street Streetscapes Project
BIDS TO BE OPENED: September 27, 2017, at 11:00 a.m. (Eastern)

This addendum is being published to make changes to the Contract Documents and specifications. This document becomes a part of the Contract Documents and modifies the original specifications as noted below.

Revised Bid Form:

This addendum provides a revised bid form to supplement previously published Addendum No. 3.

END OF ADDENDUM NO. 4

BID FORM - N. CENTRAL STREET STREETSCAPES

FOOTNOTE	ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST	EXTENDED COST
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	L.S.	1		
1	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1		
2	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	3810		
3	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	4250		
	202-08.10	REMOVAL OF CURB (TYPE A DETACHED)	L.F.	6914		
	202-08.15	REMOVAL OF CURB AND GUTTER (TYPE 6-30)	L.F.	320		
	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	50		
4	209-01.10	EROSION & SILTATION CONTROL	L.S.	1		
4	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	74		
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	2116		
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	257		
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	14		
	407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	14200		
	411-01.10	ACS MIX (PG64-22) GRADING D	TON	2175		
	411-33.35	STAMPED ASPHALT (CROSSWALK)	S.F.	4150		
	415-01.02	COLD PLANING BITUMINOUS PAVEMENT (1 1/2" DEPTH)	S.Y.	32455		
5	607-02.02	15" CONCRETE PIPE CULVERT (CLASS III)	L.F.	614		
5	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	2796		
5	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	44		
5	607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	700		
6	611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	6		
6	611-01.03	MANHOLES, > 8' - 12' DEPTH	EACH	1		
7	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN/MANHOLE	EACH	2		
7	611-09.02	REWORK CATCHBASIN/MANHOLE	EACH	9		
6	611-10.01	CATCH BASINS, TYPE 10, >0' - 4' DEPTH	EACH	5		
6	611-10.02	CATCH BASINS, TYPE 10, >4' - 8' DEPTH	EACH	11		
6	611-10.03	CATCH BASINS, TYPE 10, >8' - 12' DEPTH	EACH	2		
6	611-12.01	CATCH BASINS, TYPE 12,> 0' - 4' DEPTH	EACH	13		
6	611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	22		
6	611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	4		
6	611-42.01	CATCH BASINS, TYPE 42 ,> 0' - 4' DEPTH	EACH	2		
6	611-42.02	CATCH BASINS, TYPE 42 ,> 4' - 8' DEPTH	EACH	3		
	701-01.01	CONCRETE SIDEWALK (4")	S.F.	20724		
	701-01.03	CONCRETE SIDEWALK - 4 " (GUTTER PAN)	S.F.	1652		
	701-02	CONCRETE DRIVEWAY (6")	S.F.	4395		
	701-02.03	CONCRETE CURB RAMP	S.F.	4296		
	702-01.02	CONCRETE CURB	L.F.	10500		
8	712-01	TRAFFIC CONTROL	L.S.	1		
9	713-01.10	SIGNING	L.S.	1		
10	713-16.20	SIGNS (REMOVE AND RELOCATE STREET NAME SIGN)	EACH	19		
	713-16.21	SIGNS (R-10-27 MODIFIED-FLASHING YELLOW ARROW SIGN)	EACH	3		
11	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	205		
11	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	824		
11	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	8		
11	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	1255		
11	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	2		
11	716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	EACH	9		
11	716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	51		
11	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	6		
18	716-04.21	GREEN TEXTURED BIKE LANE	S.Y.	586		
	716-05.01	PAINTED PAVEMENT MARKINGS (4" LINE)	L.M.	4.42		
	716-05.08	PAINTED PAVEMENT MARKING (PARKING LINE)	L.F.	1020		
	716-05.21	PAINTED PAVEMENT MARKING (4" DOTTED LINE)	L.F.	1036		
12	716-10.30	TRUNCATED DOME DETECTABLE WARNING MAT	S.F.	728		
	717-01	MOBILIZATION	L.S.	1		
	725-10.03	FIBER OPTIC SPLICE ENCLOSURE	EACH	1		
	725-10.04	FIBER OPTIC TERMINATION PANEL (12F)	EACH	5		
	725-10.05	FIBER OPTIC FUSION SPLICE	EACH	5		
	725-10.06	FIBER OPTIC AERIAL SPLICE ENCLOSURE	EACH	4		
	725-10.07	FIBER OPTIC STORAGE BRACKET (AERIAL)	EACH	4		
	725-23.13	FIBER OPTIC DROP CABLE (12F)	LF	535		
13	730-01.02	REMOVAL OF SIGNAL EQUIPMENT	EACH	5		
	730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	EACH	32		
	730-02.30	SIGNAL HEAD ASSEMBLY (3-SECTION FYA WITH BACKPLATE)	EACH	2		
	730-02.31	SIGNAL HEAD ASSEMBLY (130 W/ BACKPLATE & TUNNEL VISORS)	EACH	8		

BID FORM - N. CENTRAL STREET STREETSCAPES

FOOTNOTE	ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST	EXTENDED COST
	730-02.32	SIGNAL HEAD ASSEMBLY (3-SECTION FYA W/ BPLATE & T VISORS)	EACH	1		
	730-02.33	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED W/ T VISORS)	EACH	3		
	730-02.34	SIGNAL HEAD ASSEMBLY (3-SEC FYA POLE MOUNT W/ T VISORS)	EACH	1		
	730-03.21	INSTALL PULL BOX (TYPE B)	EACH	26		
	730-03.23	INSTALL PULL BOX (FIBER OPTIC - TYPE A)	EACH	10		
	730-03.24	INSTALL PULL BOX (FIBER OPTIC - TYPE B)	EACH	1		
14	730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	EACH	5		
	730-08.01	SIGNAL CABLE - 3 CONDUCTOR	LF	4575		
	730-08.03	SIGNAL CABLE - 7 CONDUCTOR	LF	3370		
	730-08.05	SIGNAL CABLE - 12 CONDUCTOR	LF	4025		
	730-08.40	INTERCONNECT CABLE - FIBER OPTIC (48 SMFO CABLE)	EACH	3915		
	730-10.02	MESSENGER CABLE - 1/4" DIAMETER	LF	3155		
	730-11.01	STEEL CONDUIT RISER ASSEMBLY	EACH	6		
	730-12.02	CONDUIT 2" DIAMETER (PVC)	LF	5680		
	730-12.16	CONDUIT 2" DIAMETER (HDPE)	LF	995		
15	730-13.07	VEHICLE DETECTOR (SIREN ACTIVATED PRIORITY CONTROL)	EACH	5		
16	730-13.08	VEHICLE DETECTOR (INTERSECTION RADAR DETECTION)	EACH	5		
17,20	730-15.07	CABINET (EIGHT PHASE BASE MOUNTED ON PAVEMENT)	EACH	3		
17,20	730-15.08	CABINET (EIGHT PHASE BASE MOUNTED ON GRASS)	EACH	2		
	730-16.02	EIGHT PHASE ACTUATED CONTROLLER	EACH	5		
17	730-23.30	PEDESTAL POLE (PEDESTRIAN)	EACH	11		
17	730-23.48	CANTILEVER SIGNAL SUPPORT (1 ARM @ 20')	EACH	1		
17	730-23.56	CANTILEVER SIGNAL SUPPORT (1 ARM @ 25')	EACH	1		
17	730-23.64	CANTILEVER SIGNAL SUPPORT (1 ARM @ 30')	EACH	4		
17	730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	EACH	3		
17	730-23.80	CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')	EACH	3		
17	730-23.96	CANTILEVER SIGNAL SUPPORT (2 @ 55' & 30')	EACH	1		
17	730-23.97	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	EACH	1		
17	730-23.98	CANTILEVER SIGNAL SUPPORT (2 @ 60' & 25')	EACH	1		
17	730-26.06	PEDESTRIAN PUSHBUTTON POST	EACH	1		
	730-26.10	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	EACH	38		
	920-10.01	MULCH	S.F.	38500		
	920-10.03	PLANTING SOIL	C.Y.	4279		
	920-10.04	CONCRETE PAD FOR BUS STOP SHELTER	EACH	9		
	920-11.01	FINE GRADING	S.F.	38500		
	920-11.04	BENCHES	EACH	47		
	920-12.04	BIKE RACKS	EACH	10		
	920-13.01	4" ENHANCED CONCRETE (BROOM FINISH)	S.F.	9675		
	920-14.01	4" ENHANCED CONCRETE (SAND BLAST FINISH)	S.F.	4575		
	920-15.01	4" ENHANCED CONCRETE (BROOM FINISH CURB RAMP)	S.F.	1500		

TOTAL AMOUNT BID

FOOTNOTES

- 1 INCLUDES BUT NOT LIMITED TO DRAINAGE STRUCTURES, GRATES, AND PIPES.
- 2 INCLUDES SIDEWALK REMOVAL, CONCRETE DRIVEWAY REMOVAL IN SIDEWALK AREA AND CONCRETE DRIVEWAY BEHIND SIDEWALK.
- 3 IN MOST AREAS, INCLUDES REMOVAL OF CONCRETE BASE BELOW PAVEMENT (CONCRETE THICKNESS ~4"-8").
- 4 ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER. SEE SECTION 209.07 OF THE TDOT STANDARD SPECIFICATIONS.
- 5 INCLUDES BEDDING MATERIAL.
- 6 INCLUDES RECONNECTION OF EXISTING PIPES AS SHOWN ON THE PLANS.
- 7 INCLUDES SOME EXISTING MANHOLES AS SHOWN ON THE PLANS.
- 8 INCLUDES ALL ITEMS REQUIRED FOR MAINTENANCE OF VEHICULAR AND PEDESTRIAN TRAFFIC. REFER TO SHEET 2D FOR GENERAL REQUIREMENTS.
- 9 INCLUDES ALL NEW SIGNS AND RELOCATION OF EXISTING GROUND MOUNTED SIGNS AS SHOWN ON PLANS.
- 10 INCLUDES REMOVAL AND RELOCATION OF SPAN MOUNTED STREET NAME SIGNS TO NEW MAST ARMS, INCLUDING ANY ADDITIONAL HARDWARE NEEDED TO MOUNT THE SIGNS ON THE MAST ARMS.
- 11 THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- 12 WARNING MATS SHALL BE YELLOW AND SHALL BE ADA SOLUTIONS OR ARMOR-TILE. ITEM IS NON-PARTICIPATING.
- 13 INCLUDES REMOVAL OF EXISTING SIGNAL HEADS, WIRING, CABINET AND CABINET CONTENTS. EXISTING SIGNAL POLES SHALL BE REMOVED, EXCEPT WHEN SAID POLES HAVE ADDITIONAL USES. ALL SALVAGEABLE EQUIPMENT SHALL BE RETURNED TO THE CITY OF KNOXVILLE.
- 14 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE LOCAL UTILITY (KUB) TO OBTAIN THE LOCATION AND ESTIMATE FOR ANY CHARGES BY THE UTILITY FOR PROVIDING THE PRICE BID FOR ITEM 730-05.04. ITEM ALSO INCLUDES CONDUIT, CABLE, AND OTHER ITEMS NECESSARY TO MODIFY ELECTRICAL SERVICE/ELECTRICAL SERVICE TO THE SIGNAL CONTROLLER. THESE CHARGES SHALL BE INCLUDED IN CONNECTION FROM EXISTING TRAFFIC SIGNAL TO NEW TRAFFIC SIGNAL.
- 15 ITEM SHALL BE INSTALLED ON MAST ARMS FOR ALL INTERSECTION APPROACHES AND SHALL BE SONEM 2000.
- 16 INCLUDES THE COMPLETE INSTALLATION OF THE DETECTION SYSTEM INCLUDING RADAR DETECTOR UNITS, CABLE, AND 2 CHANNEL RACK CARDS FOR ALL APPROACHES AS SHOWN ON THE PLANS. ALL WIRING AND ANY CONTROL EQUIPMENT NECESSARY FOR A FULLY OPERATIONAL DETECTION SYSTEM SHALL BE INCLUDED IN COST.
- 17 INCLUDES FOUNDATION.
- 18 INCLUDES 2'-2' DASHED WHITE LINE ON SIDES OF GREEN BARS WITHIN INTERSECTIONS.
- 19 INCLUDES ALL FUSION SPLICES REQUIRED IN A SINGLE SPLICE ENCLOSURE. SEE SHEET TS6.06 FOR DETAILS.
- 20 INCLUDES ALL ITEMS LISTED IN TRAFFIC SIGNAL NOTE 28 ON SHEET TS7.00 THAT ARE NOT ALREADY COVERED IN A SEPARATE PAY ITEM.