



June 30, 2023

Mr. Tim Begley, Public Works Director
City of Crossville, Tennessee
392 North Main Street
Crossville, TN 38555

Re: FY 2018 Transportation Alternatives Project (Downtown
Improvements Phase II PIN No. 126662.00)
CT Engineering Amendment No. 4 (CT No. 181048)

Dear Tim:

Back in February 2019, we entered into an agreement with the City to prepare documents required for the installation of new sidewalks and pedestrian traffic signals along Main Street from approximately Neecham Street to Lantana Road. In 2021, two (2) amendments were approved for street lighting design and to address additional TDOT comments including the preparation of easement documents and in April 2023, an amendment was requested to address various additional comments, easement coordination and project bidding. The original agreement also included a budgetary amount for construction inspection. Recognizing the original agreement was over four (4) years ago, multiple factors are contributing to increased costs including additional requirements, inflation, supply chain issues and at times, workforce deficiencies.

At this time, we are requesting additional budgetary construction inspection / administration fees to address the aforementioned items. Based upon the current construction estimates for both the anticipated TDOT project items and the lighting materials that are anticipated to be attained and installed separately, we are budgeting approximately 15% of these construction costs (which also equates to approximately 3,400 manhours over an estimated 12-month construction period) to meet TDOT Local Programs CEI requirements as indicated in the Local Government Guidelines Manual. The following is a breakdown of additional fees currently being requested, **which would be performed on a time and expense basis.**

TDOT Project Construction Cost Estimate	\$2,573,621.45	
<u>Holophane Budgetary Estimate for Street Lighting Materials</u>	<u>\$ 325,277.36</u>	
Total Estimated Construction Costs (without contingency)	\$2,898,848.61	
15% of Total Estimate Construction Costs		\$ 434,827.29
Original Budgetary Construction Inspection Amount		\$ 106,786.64
Requested Additional Budgetary Construction Inspection Amount		\$ 328,040.65

We appreciate the opportunity to continue working with the City of Crossville on this Downtown Project. Upon review, please call me at 615-349-4025 or by email at jgoliass@ctconsultants.com to discuss any questions you may have. If acceptable, please sign the bottom of this letter and provide us with an executed copy.



June 30, 2023
Mr. Tim Begley
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Authorization for approval for this Amendment No. 4 and Authorization to Proceed in accordance with the terms and conditions of the original signed Contract and Agreement.

Owner

Date

Respectfully,

CT Consultants, Inc.

A handwritten signature in blue ink that reads "James G. Golias II".

James G. Golias II, P.E.
Regional Manager

Enclosures: TDOT Construction Estimate dated 6/29/23
 Holophane Budget dated 5/23/23

Bid Form

Downtown Pedestrian Improvements Main Street (US 127 / SR 28) - PIN: 126662.00 City of Crossville, Cumberland County, Tennessee

BIDDER will complete the Work in compliance with the Contract Documents for the following prices:

ITEM	DESCRIPTION	EST.		UNIT	UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)
		QUAN. [A]				
105-01	CONSTRUCTION STAKES, LINES AND GRADES	1		LS	\$30,000.00	\$30,000.00
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1		EACH	\$11,000.00	\$11,000.00
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	3,433		S.Y.	\$32.50	\$111,572.50
202-03.03	REMOVAL OF ASPHALT PAVEMENT	2,116		C.Y.	\$65.00	\$137,540.00
202-04.01	REMOVAL OF STRUCTURES (CANOPY, STA 208+25)	1		LS	\$2,500.00	\$2,500.00
202-04.03	REMOVAL OF STRUCTURES (MISC. SITE ITEM)	1		LS	\$12,000.00	\$12,000.00
202-08.10	REMOVAL OF CURB (EXISTING)	4,263		L.F.	\$15.00	\$63,945.00
203-01.07	RD & DRNG EXCV (ACID PRODUCING- OFF SITE DISPOSAL)	50		C.Y.	\$200.00	\$10,000.00
203-05	UNDERCUTTING	200		C.Y.	\$75.00	\$15,000.00
203-07	FURNISHING AND SPREADING TOPSOIL	200		C.Y.	\$35.00	\$7,000.00
209-05	SEDIMENT REMOVAL	10		C.Y.	\$15.00	\$150.00
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	500		L.F.	\$2.00	\$1,000.00
209-09.41	CURB INLET PROTECTION (TYPE 2)	18		EACH	\$400.00	\$7,200.00
303-01.09	MINERAL AGGREGATE, TYPE A BASE, GRADING D LIMESTONE	363		TON	\$40.00	\$14,520.00
306-01.01	PORTLAND CEMENT CONCRETE BASE (PLAIN) 6"	652.00		S.Y.	\$75.00	\$48,900.00
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	5.00		TON	\$150.00	\$750.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.04		TON	\$850.00	\$34.00
402-02	AGGREGATE FOR COVER MATERIAL (PC)	0.17		TON	\$85.00	\$14.45
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.17		TON	\$950.00	\$161.50
403-02	ASPHALT CEMENT FOR TACK COAT (TC)	0.12		TON	\$750.00	\$90.00
411-02.10	ACS MIX(PG70-22) GRADING D	41		TON	\$155.00	\$6,355.00
604-03.07	CLASS A CONCRETE (STEPS)	3		C.Y.	\$2,100.00	\$6,300.00
604-03.08	CLASS A CONCRETE (INTEGRAL RAMP AND STEPS)	13		C.Y.	\$2,100.00	\$27,300.00

ITEM	DESCRIPTION	EST. QUAN. [A]	UNIT	UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)
604-07.01	RETAINING WALL (STONE VENEER ON ONE SIDE)	120	S.F.	\$200.00	\$24,000.00
604-07.02	RETAINING WALL (STONE VENEER ON 2 SIDES)	44	S.F.	\$225.00	\$9,900.00
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	2	EACH	\$2,000.00	\$4,000.00
611-05.01	TRENCH DRAINS	66	L.F.	\$300.00	\$19,800.00
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	6	EACH	\$1,500.00	\$9,000.00
620-15	HANDRAIL ASSEMBLY (ORNAMENTAL HANDRAIL)	74	L.F.	\$350.00	\$25,900.00
701-01.01	CONCRETE SIDEWALK (4 ")	21,970	S.F.	\$11.00	\$241,670.00
701-01.02	CONCRETE SIDEWALK (6 ")	10,045	S.F.	\$14.00	\$140,630.00
701-02.03	CONCRETE CURB RAMP	3,146	S.F.	\$35.00	\$110,110.00
702-01.02	CONCRETE CURB	200	L.F.	\$30.00	\$6,000.00
702-03	CONCRETE COMBINED CURB & GUTTER	304	C.Y.	\$675.00	\$205,200.00
712-01	TRAFFIC CONTROL	1	LS	\$100,000.00	\$100,000.00
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	300	L.F.	\$55.00	\$16,500.00
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	60	EACH	\$40.00	\$2,400.00
712-06	SIGNS (CONSTRUCTION)	138	S.F.	\$11.00	\$1,518.00
712-07.03	TEMPORARY BARRICADES (TYPE III)	50	L.F.	\$19.00	\$950.00
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,912	LB.	\$12.00	\$22,944.00
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	370	S.F.	\$25.00	\$9,250.00
716-05.03	PAINTED PAVEMENT MARKING (CROSS-WALK)	3,110	L.F.	\$5.00	\$15,550.00
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	215	L.F.	\$8.00	\$1,720.00
716-08.01	REMOVAL PAVEMENT MARKING (LINES)	3,110	L.F.	\$1.20	\$3,732.00
717-01	MOBILIZATION	1	LS	\$240,000.00	\$240,000.00
790-42.10	4IN DIA PVC PIPE	30	L.F.	\$70.00	\$2,100.00
801-01.07	TEMPORARY SEEDING (WITH MULCH)	100	UNIT	\$40.00	\$4,000.00
802-08.03	TREE REMOVAL	2	EACH	\$550.00	\$1,100.00
920-10.03	CONCRETE STRUCTURE (INTEGRAL STEP)	3	C.Y.	\$2,100.00	\$6,300.00
920-11	CONCRETE CURB (PLANTER)	1,132	L.F.	\$30.00	\$33,960.00
920-11.01	FLAT SHEET ALUMINUM SIGNS (SIGN FRAME)	252	S.F.	\$90.00	\$22,680.00

ITEM	DESCRIPTION	EST. QUAN. [A]	UNIT	UNIT PRICES [B]	TOTAL AMOUNT IN FIGURES (A x B)
730-03.21	INSTALL PULL BOX (TYPE B)	4	EACH	\$1,200.00	\$4,800.00
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	3,775	L.F.	\$2.20	\$8,305.00
730-12.02	CONDUIT 2" DIAMETER (PVC)	140	L.F.	\$35.00	\$4,900.00
730-12.03	CONDUIT 3" DIAMETER (PVC)	310	L.F.	\$40.00	\$12,400.00
730-15.11	MODIFY CABINET (REPROGRAM)	2	EACH	\$3,000.00	\$6,000.00
730-23.28	PEDESTAL POLE (TYPE A)	16	EACH	\$12,000.00	\$192,000.00
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	16	EACH	\$2,200.00	\$35,200.00
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	3,440	L.F.	\$24.00	\$82,560.00
714-03.03	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 80)	770	L.F.	\$28.00	\$21,560.00
714-03.04	DIRECT BURIAL CONDUIT (2.5" PVC, SCHEDULE 40)	160	L.F.	\$26.00	\$4,160.00
714-03.05	DIRECT BURIAL CONDUIT (TRENCH AND BACKFILL IN STREET)	770	L.F.	\$55.00	\$42,350.00
714-03.06	DIRECT BURIAL CONDUIT (TRENCH AND BACKFILL IN SIDEWALK)	3,370	L.F.	\$35.00	\$117,950.00
714-03.07	DIRECT BURIAL CONDUIT (TRENCH AND BACKFILL IN ASPHALT WITH REPAIR)	70	L.F.	\$70.00	\$4,900.00
714-05.05	PULL BOXES (13"W x 24"L x 18"D, ELECTRIC LOGO)	4	EACH	\$1,200.00	\$4,800.00
714-06.04	CABLE (1/C # 8 AWG)	12,720	L.F.	\$2.25	\$28,620.00
714-06.06	CABLE (1/C # 4 AWG)	10,830	L.F.	\$4.00	\$43,320.00
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	37	EACH	\$2,750.00	\$101,750.00
714-12.01	CONTROL CENTER (LIGHTING CONTROL PANEL #1, 200 AMP, 120/240V, 1-PHASE, 3-WIRE)	1	LS	\$27,500.00	\$27,500.00
714-12.02	CONTROL CENTER (LIGHTING CONTROL PANEL #2, 200 AMP, 120/240V, 1-PHASE, 3-WIRE)	1	LS	\$27,500.00	\$27,500.00
714-25.01	ELECTRICAL CONNECTION (UTILITY TO LIGHTING CONTROL PANEL #1)	1	LS	\$2,200.00	\$2,200.00
714-25.02	ELECTRICAL CONNECTION (UTILITY TO LIGHTING CONTROL PANEL #2)	1	LS	\$2,200.00	\$2,200.00
714-25.22	INSTALL SVC RISER (1'-2 1/2" PVC, SCHEDULE 80, 36"R)	2	EACH	\$2,200.00	\$4,400.00
TOTAL CONTRACT BID FOR ALL UNIT PRICES					\$2,573,621.45

(In Figures)

(In Words)

BIDDER acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.



An AcuityBrands Company

Quoted To: CT Consultants

Job Name: Crossville TN, CT Consultants,
Budget

Quote #: 2293-23-14302-0

Quote Label: Initial Version

Job Location: Crossville, Tennessee

Issue Date: 5/23/2023

Good Through: 6/22/2023

Bid Date: 5/24/2023

Quoted By: Mark Hufgard

440-523-9062

Mark.Hufgard@AcuityBrands.com

Type	Qty	Catalog #	Unit \$	Ext \$
	37	MPL3 P30S 40K MVOLT TG3 QSM BK PR7 AO SH ATC 51IN 1A TN QSM BK NYA 22 SL6 17D H10 BK ABG RP240A FGIUS BK ASSY21500 Memphis Large Teardrop LED, P30 performance package, 4000K, 120-277V, Type 3 asymmetric teardrop glass and door, Quick stem mount, Black, 7 pin NEMA dimmable photocontrol receptacle, Field adjustable lumen output, Shorting cap, Aluminum roadway crossarm, 51IN, Single arm, Tenon mount, Quick stem mount, Black, North Yorkshire aluminum pole, 22FT, Shaft, Sitelink 5.75IN fluted, .25 wall (L6J), 17IN Base, Diamond Pattern Bolt Circle, 4 1/2 x 10 tenon, Black, Anchor bolt (galvanized steel), Receptacle with small, in-use wet location cover, Black	\$7,995.20	\$295,822.40
	37	<i>MPL3 P30S 40K MVOLT TG3 QSM BK PR7 AO SH</i> Memphis Large Teardrop LED, P30 performance package, 4000K, 120-277V, Type 3 asymmetric teardrop glass and door, Quick stem mount, Black, 7 pin NEMA dimmable photocontrol receptacle, Field adjustable lumen output, Shorting cap		
	37	<i>MPL3 TG3 BK</i> Memphis Large Teardrop LED, Type 3 asymmetric teardrop glass and door, Black		
	37	<i>ATC 51IN 1A TN QSM BK</i> Aluminum roadway crossarm, 51IN, Single arm, Tenon mount, Quick stem mount, Black		
	37	<i>NYA 22 SL6 17D H10 BK RP240A</i> North Yorkshire aluminum pole, 22FT, Shaft, Sitelink 5.75IN fluted, .25 wall (L6J), 17IN Base, Diamond Pattern Bolt Circle, 4 1/2 x 10 tenon, Black		
	1	<i>TMP40010</i> 40010		
	37	<i>AB-27-4</i> AB-27-4		
	37	<i>FGIUS BK</i> Receptacle with small, in-use wet location cover, Black		
	16	ELF BK ELF Small Post Top Finial 5.0" Bottom Diameter, Black	\$144.46	\$2,311.36
	16	NYA 11 SL4 17D C03 BK ABG North Yorkshire aluminum pole, 11FT, Shaft, Sitelink 4.50IN fluted, .156 wall (L4E), 17IN Base, Diamond Pattern Bolt Circle, Tenon, 3.00 O.D. x 3IN tall, Black, Anchor bolt (galvanized steel)	\$1,693.35	\$27,093.60



Job Name: Crossville TN, CT Consultants,
Budget

Quoted By: Mark Hufgard

Quote #: 2293-23-14302-0

440-523-9062

Quote Label: Initial Version

Mark.Hufgard@AcuityBrands.com

Job Location: Crossville, Tennessee

Issue Date: 5/23/2023

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Bid Date: 5/24/2023

Type	Qty	Catalog #	Unit \$	Ext \$
	16	NYA 11 SL4 17D C03 BK		
		North Yorkshire aluminum pole, 11FT, Shaft, Sitelink 4.50IN fluted, .156 wall (L4E), 17IN Base, Diamond Pattern Bolt Circle, Tenon, 3.00 O.D. x 3IN tall, Black		
	1	TMP40008		
		40008		
	16	AB-31-4		
		AB-31-4		

Estimated Lead Time: 12 - 14 weeks

Grand Total: \$325,227.36

Notes

- * Price is for above Bill of Material, no other material is offered or implied.
- * Quotation is based on information available at time of bid. All material subject to approval.
- * Please refer any questions concerning this quotation to Mark Hufgard at 440-523-9062
- * Quote Number Must Be Written On Purchase Order.
- * Quote is based on our interpretation of information provided. It is not intended as a guarantee of the acceptance.
- * Quote is based on quantities and types indicated. Changes in counts or types may affect price.
- * ALL LEAD TIMES ARE BASED ON BUSINESS DAYS AND DO NOT INCLUDE TRANSIT TIME.
- * Customer Service Contact Information:
Toll Free Number: 1-855-894-5654
Toll Free Fax : 1-800-345-4471
- * PLEASE VERIFY CONFIGURATION OF ALL MATERIAL IS CORRECT. SUCH AS VOLTAGE, COLOR TEMP, MOUNTING ETC.

Terms

Please reference the Acuity Brands Terms & Conditions at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>. Shipment lead times begin the day after the order is released and are based on working days only. Shipments are FOB Shipping Point on all orders. Holophane shall pay freight on orders of \$3,000 or more (\$750 for replacement ballast kits) to all points in the continental United States and Canada. Upon release of your order, poles and non-standard material cannot be canceled or returned. Terms are subject to revision.