HISTORIC
FRANKLIN
TENNESSEE

MEMORANDUM

August 2, 2013

TO: Board of Mayor and Alderman

FROM: Eric S. Stuckey, City Administrator
David Parker, P.E.; CIP Executive
Paul Holzen, P.E.; Director of Engineering
Kevin E. Comstock; Traffic/ITS Project Manager

SUBJECT: Consideration of Change Order # 3 (Final) for the TOC Phase 3 Field Hardware Project (COF 2011-0151) for a DECREASE in the amount of $12,146.60.

Purpose

The purpose of this memorandum is to provide the Board of Mayor and Aldermen (BOMA) with information to consider a change order for the Franklin TOC Phase 3 Field Hardware Project.

Background

On January 24, 2012 the City of Franklin and Stansell Electric Company, Inc. began construction of the Franklin TOC Phase 3 Field Hardware Project. On August 22, 2012, BOMA approved Change Order #1 for this project in the amount of $18,900. Change Order #2 was approved by the BOMA adding an additional 203 days and $24,259 to the total contract price. Change Order #2 was a result of significant additional fiber optic splicing due to the Mack Hatcher project and changes indicated as necessary by the City's IT Department.

Change Order Number 3 is the final change order and will close out the project with a net reduction of $12,146.60.

Financial Impact

The Project Contract amount was $411,858.40, including previous change orders 1 and 2. The new and final project contract amount is $399,711.80.

Recommendation

Staff recommends approval of Change Order #3 for the TOC Phase 3 Field Hardware Project (COF 2011-0151) for a DECREASE in the amount of $12,146.60.

TDOT

Local Government Guidelines Form 8-29
February 1, 2011

Supplemental Agreement and/or Request for Construction Change
Change Order Request # 003

Project Title/Termini:	TOC Phase 3 - Infrastructure and Upgrades		
Owner:	City of Franklin, TN	PIN:	103487.00
Address:	109 Third Ave South	State Project No.:	
	Room 142	Federal Project No.:	STP-M-9305(23)
Date Prepared:	7/30/2013	Contract No.:	50138
		County:	Williamson

Whereas, we Stansell Electric Company, Inc. with Travelers Indemnity, as a Surety, entered into a contract with the City of Franklin, TN, on January 24, 2012, for the construction by said Contractor of the above designated contract; and *Whereas,* certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add and deduct appropriate quantities to balance the final totals for the project. See attached spreadsheet for final quantities.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by _____ days, ☐ Decrease by _____ days

Original contraction Completion Time: 270 days

Approved Change Orders: 206

Current Change Order: 0

Contract Completion Time with Change Orders: 476 (June 30, 2013) days (mth/day/yr)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work.

Item No.	Description	Unit	Current/ Pending Quantities	Revised Quantities	QTY Over + QTY Under -	Contract Price	Net Amount Due Change
	See attached spreadsheet					$	$
						$	$
						$	$
						$	$
						$	$
						$	$
						$	$
						$	$
						$	$

TDOT

Bid Contract Amount:	$368,699.40
Current Change Order:	$-12,146.60
Approved Change Orders:	$43,159.00 (C.O. #1 and #2 Total)
Pending Change Orders:	$None - Project complete
Total Change Orders to Date:	$31,012.40 (Final Contract Value = $399,711.80)

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Now, Therefore, We, Stansell Electric Company, Inc., Contractors, and Travelers Indemnity, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force an effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By: R Hall (AECom) 7/30/13
Engineer/CEI Date

Approved By:

By: Bradley J. Norris 7/30/13
Contractor Date

By: ______________________
Owner Date

Approved for Eligibility:

By: ______________________
Local Programs Planner Date

CITY OF FRANKLIN

Federal Project # STP-M-9305(23) ; PIN# 103487.00 ; COF Contract (2011-0151)

TOC PHASE 3 Infrastructure and Upgrades

			CONTRACT QUANTITIES			FINAL QUANTITIES			ADJUSTMENT	
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	COST	QTY	UNIT PRICE	COST	QTY	COST
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1	$1,848.00	$1,848.00			$0.00	-1.00	-$1,848.00
201-01	CLEARING AND GRUBBING	LS	1	$1,232.00	$1,232.00	1		$1,232.00	0.00	$0.00
209-08.3	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	100	$1.20	$120.00			$0.00	-100.00	-$120.00
209-20.3	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	100	$2.50	$250.00			$0.00	-100.00	-$250.00
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	63	$22.00	$1,386.00	63		$1,386.00	0.00	$0.00
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	1	$770.00	$770.00	1		$770.00	0.00	$0.00
705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	1	$2,895.00	$2,895.00	2		$5,790.00	1.00	$2,895.00
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	1	$924.00	$924.00	2		$1,848.00	1.00	$924.00
712-01	TRAFFIC CONTROL	LS	1	$4,300.00	$4,300.00	1		$4,300.00	0.00	$0.00
712-01.05	FLAGMAN (RAILROAD)	HOUR	12	$120.00	$1,440.00			$0.00	-12.00	-$1,440.00
712-04.01	FLEXIBLE DRUMS	EACH	100	$43.00	$4,300.00	41		$1,763.00	-59.00	-$2,537.00
701-05.01	WARNING LIGHTS (TYPE A)	EACH	100	$27.00	$2,700.00			$0.00	-100.00	-$2,700.00
712-05.03	WARNING LIGHTS (TYPE C)	EACH	100	$27.00	$2,700.00			$0.00	-100.00	-$2,700.00
712-06	SIGNS (CONSTRUCTION)	S.F.	292	$9.20	$2,686.40	48		$441.60	-244.00	-$2,244.80
712-08.03	ARROW BOARD (TYPE C)	EACH	2	$673.00	$1,346.00			$0.00	-2.00	-$1,346.00
712-08.06	UNIFORMED POLICE OFFICER	HOUR	100	$49.00	$4,900.00	26		$1,274.00	-74.00	-$3,626.00
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2	$6,500.00	$13,000.00	2		$13,000.00	0.00	$0.00
714-05.03	ELECTRIC PULL BOX (TYPE B)	EACH	1	$370.00	$370.00	2		$740.00	1.00	$370.00
714-05.05	PULL BOX (MTEMC SECONDARY)	EACH	5	$370.00	$1,850.00	3		$1,110.00	-2.00	-$740.00
714-06.04	CABLE (1/C, #8 AWG)	L.F.	1635	$0.90	$1,471.50			$0.00	-1635.00	-$1,471.50
714-06.06	CABLE (1/C, #6 AWG)	L.F.	545	$1.60	$872.00	1420		$2,272.00	875.00	$1,400.00
714-25.01	ELECTRICAL CONNECTIONS (DEMARCATION POINTS)	EACH	3	$688.00	$2,064.00	2		$1,376.00	-1.00	-$688.00
717-01	MOBILIZATION	LS	1	$17,520.00	$17,520.00	1		$17,520.00	0.00	$0.00
725-10.24	POWER 2" SCH. 40 PVC (DIRECT BURY)	L.F.	255	$7.20	$1,836.00	180		$1,296.00	-75.00	-$540.00
725-10.25	POWER 2" SCH. 80 PVC (BORED)	L.F.	130	$21.00	$2,730.00	200		$4,200.00	70.00	$1,470.00
725-10.26	COMM. 2" SCH. 40 PVC (DIRECT BURY)	L.F.	120	$7.20	$864.00	13		$93.60	-107.00	-$770.40
725-10.27	COMM. 3" 40 PVC W/ TWO 1" INNERDUCTS (DIRECT BURY)	L.F.	700	$9.40	$6,580.00	920		$8,648.00	220.00	$2,068.00
725-10.28	COMM. 3" 40 PVC W/ TWO 1" INNERDUCTS (BORED)	L.F.	370	$23.00	$8,510.00	355		$8,165.00	-15.00	-$345.00
725-10.29	DEMARCATION POINT RISER ASSEM. (ELECTRICAL)	EACH	1	$257.00	$257.00			$0.00	-1.00	-$257.00
725-10.30	REWORK EXISTING CABINET	EACH	23	$272.00	$6,256.00	21		$5,712.00	-2.00	-$544.00
725-10.31	FIBER SPLICE ENCLOSURE (AERIAL) 72 COUNT	EACH	8	$1,318.00	$10,544.00	7		$9,226.00	-1.00	-$1,318.00
725-10.32	FIBER SPLICE ENCLOSURE (AERIAL OR UG) 144 COUNT	EACH	3	$1,417.00	$4,251.00	3		$4,251.00	0.00	$0.00
725-10.33	FIBER SPLICE ENCLOSURE (UNDERGROUND) 72 COUNT	EACH	10	$1,232.00	$12,320.00	9		$11,088.00	-1.00	-$1,232.00
725-10.35	CCTV CAMERA SYSTEM	EACH	3	$6,263.00	$18,789.00	3		$18,789.00	0.00	$0.00
725-10.36	PRE-TERMINATED FIBER OPTIC CABLE ASSEMBLY (6 CT SMFO)	L.F.	750	$4.30	$3,225.00	750		$3,225.00	0.00	$0.00
725-10.38	CCTV CAMERA SYSTEM W/ EXTENSION ARM	EACH	1	$8,585.00	$8,585.00	1		$8,585.00	0.00	$0.00
725-10.40	FIBER OPTIC RISER ASSEMBLY W/WEATHERHEAD	EACH	6	$283.00	$1,698.00	1		$283.00	-5.00	-$1,415.00
725-10.41	EXTERIOR RATED ETHERNET CABLE	L.F.	400	$1.20	$480.00	583		$699.60	183.00	$219.60
725-10.42	FIBER OPTIC GATOR PATCH (6 COUNT SMFO)	L.F.	2420	$7.50	$18,150.00	3331		$24,982.50	911.00	$6,832.50
725-10.43	FIBER OPTIC GATOR PATCH (12 COUNT SMFO)	L.F.	520	$11.00	$5,720.00	801		$8,811.00	281.00	$3,091.00
725-10.44	REMOVE EXISTING 12 COUNT FIBER OPTIC CABLE	LS	1	$5,605.00	$5,605.00	1		$5,605.00	0.00	$0.00
725-10.45	FIBER OPTIC CABLE - AERIAL (48 COUNT SMFO)	L.F.	15635	$1.50	$23,452.50	15880		$23,820.00	245.00	$367.50
725-10.46	FIBER OPTIC CABLE - UNDERGROUND (48 COUNT SMFO)	L.F.	6015	$1.50	$9,022.50	7756		$11,634.00	1741.00	$2,611.50
725-10.47	REMOVE EXISTING TWISTED PAIR CABLE	LS	1	$924.00	$924.00	1		$924.00	0.00	$0.00
725-10.48	CABLE MARKERS	EACH	500	$4.60	$2,300.00	100		$460.00	-400.00	-$1,840.00
725-10.49	UNINTERUPTABLE POWER SUPPLY (W/NETWORK CARD)	EACH	20	$555.00	$11,100.00	20		$11,100.00	0.00	$0.00
725-10.50	TERMINAL SERVER (SINGLE PORT)	EACH	21	$436.00	$9,156.00	21		$9,156.00	0.00	$0.00
725-10.51	BURN-IN	LS	1	$3,167.00	$3,167.00	1		$3,167.00	0.00	$0.00
725-10.52	AS BUILT PLANS	LS	1	$1,000.00	$1,000.00	1		$1,000.00	0.00	$0.00
730-03.23	INSTALL PULL BOX (FIBER OPTIC TYPE-A)	EACH	4	$1,007.00	$4,028.00	4		$4,028.00	0.00	$0.00
730-03.24	INSTALL PULL BOX (FIBER OPTIC TYPE-B)	EACH	1	$1,348.00	$1,348.00	1		$1,348.00	0.00	$0.00
730-09.01	SPAN WIRE ASSEMBLY (10,800 LBS. MIN. BRK. STRENGTH)	L.F.	375	$1.90	$712.50	375		$712.50	0.00	$0.00
730-15.07	CABINET (MODEL 336A)	EACH	3	$3,363.00	$10,089.00	3		$10,089.00	0.00	$0.00
730-16.14	CONTROLLER (IP)	EACH	15	$3,165.00	$47,475.00	15		$47,475.00	0.00	$0.00
730-22.36	CCTV POLE 50FT HEIGHT/LOWERING DEVICE	EACH	3	$17,719.00	$53,157.00	3		$53,157.00	0.00	$0.00
801-03	WATER (SEED AND SODDING)	M.G.	1	$123.00	$123.00	0		$0.00	-1.00	-$123.00
803-01	SODDING (NEW SOD)	S.Y.	1000	$4.30	$4,300.00	0		$0.00	-1000.00	-$4,300.00
730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	EACH				1	$3,400.00	$3,400.00	1.00	$3,400.00
725-11.06A	CCTV POLE w/o FOUNDATION (50' POLE w/Lowering Device	EA				1	$15,500.00	$15,500.00	1.00	$15,500.00
725-10.60	RECONFIGURE EXISTING FIBER SPLIC ENCLOSURE	EA				9	$443.00	$3,987.00	9.00	$3,987.00
725-10.61	INSTALL CITY PROVIDED FIBER OPTIC TYPE B PULL BOX	EA				1	$540.00	$540.00	1.00	$540.00
725-10.62	MODIFY EXISTING 10GB SWITCH CABINETS	EA				3	$295.00	$885.00	3.00	$885.00
725-10.63	INSTALL MESSENGER CABLE TO REPLACE COMPOSITE	LF				5615	$1.80	$10,107.00	5615.00	$10,107.00
725-10.64	INSTALL #10 TRACE WIRE	LF				650	$0.60	$390.00	650.00	$390.00
725-10.65	INSTALL 10FT U-GUARD	EA				2	$130.00	$260.00	2.00	$260.00
706-01	GUARDRAIL REMOVED	LS				1	$595.00	$595.00	1.00	$595.00
801-01	SEEDING (WITH MULCH)	UNIT				34.7	$24.40	$846.68	34.70	$846.68
104-04.02	ADDITIONAL WORK (HEAD-END SPLICING)	LS				1	$1,775.00	$1,775.00	1.00	$1,775.00
104-04.03	ADDITIONAL WORK (EMERGENCY REPAIR)	LS				1	$4,873.32	$4,873.32	1.00	$4,873.32
				SUBTOTAL	$368,699.40			$399,711.80		$31,012.40
				CONTINGENCY (0%)						
				TOTAL	$368,699.40			$399,711.80		$31,012.40