

ADDENDUM NO. 3

City of Franklin
Engineering Department
109 Third Avenue South, Suite 133
Franklin, TN 37064

Project:	<u>East McEwen Drive Phase 4</u> <u>Improvements</u>
TDOT PIN:	<u>125418.00</u>
Contract No:	<u>2024-0246</u>
Federal Project No:	<u>STP-M-9305(31)</u>
State Project No:	<u>94LPLM-F3-096</u>

Date of Issuance: Thursday, November 14, 2024

Bidders are directed to make the following change(s) in the Bidding Documents:

I. Changes and Clarifications to the Bid Documents, Bid Submittal Process, and/or Bid Opening Deadline:

1. Bid Submittal Deadline & Bid Opening Date Change:

Due to the delay in the issuance of Addendum 2 and the change(s) directed by this **Addendum 3**, the Bid Submittal Deadline *and* the Bid Opening Date have been extended from Friday, November 15, 2024 to **Tuesday, November 19 2024**. The times will remain the same at **2:00 PM** and 2:10 PM (Central Time) for the Bid Submittal Deadline and the Bid Opening, respectively. Also, the location to submit Bids remains the Purchasing Office at Franklin City Hall, 109 3rd Avenue South, Suite 107, Franklin, TN 37064.

2. Question Period Closed:

As stated in Addendum 1, the final date and time for the submittal of questions by Bidders was Wednesday, November 6, 2024 at 2:00 PM (Central Time). This date and time have passed, and the period for questions is now closed.

3. Acknowledgement of Addenda:

All Bidders shall acknowledge the receipt of all Addenda on the cover of the original Project Manual as purchased from the City of Franklin. Typed or handwritten acknowledgement is acceptable.

4. Bid Form Revised:

Due to the pay item changes noted in this **Addendum 3**, a Bid Form revision was required. As with the previous two (2) addenda, this newly revised Bid Form is being issued in two (2) ways. The first is as a traditional Adobe Acrobat PDF file (**Attachment A1**), and the second is as a macro-enabled Microsoft Excel (**Attachment A2**) file. Also like previous addenda, the line items have been broken down into the same groups/categories as they are listed within the Construction Plans. Newly added pay items may not appear in the Estimated or Tabulated Quantities on the Construction Plans. In the event of a discrepancy between the quantities listed in the

Construction Plans and the revised Bid Form, the Bidder is directed to use the information listed in the revised Bid Form, as it shall control.

The Microsoft Excel file is a macro-enabled file, as noted by its .xlsm file extension. To allow this Excel file to function properly, the user may need to perform two (2) steps:

- a. After downloading the Excel file, Right Click (in Windows) on the file and select "Properties". Under the "General" tab, IF there is a message at the bottom of the window that says "Security: This file came from another computer and might be blocked to help protect this computer", then Check the Box next to the word "Unblock" and Click the "OK" button.
- b. When opening the Excel file, you may encounter a message highlighted in yellow at the top of the window that states: "SECURITY WARNING Macros have been disabled." If you receive this message, simply Click the "Enable Content" button.

The **highlighted** "Unit Price" cells are the only cells in the worksheet where the Bidders are allowed to modify the worksheet. As data is entered, the **highlights** will disappear. Once data has been entered in all "Unit Price" cells, the worksheet should automatically calculate the "Total Bid Price" in both "Figures" (e.g., \$123.45) and "Words" (e.g., One Hundred Twenty-Three and 45/100 Dollars). However, this will only occur when ALL blank "Unit Price" cells have been filled in.

5. Download a Full Copy of Addendum 3 on the City of Franklin Website:

A Full Copy of **Addendum 3**, including all attachments, is available on the City of Franklin website at "[Business Opportunities with the City](#)" or <https://www.franklintn.gov/business/business-opportunities-with-the-city-1494>.

The link to the location to download the macro-enabled Microsoft Excel copy of the Bid Form, as revised with and for this **Addendum 2**, is shown on the City's "[Business Opportunities](#)" webpage as: [EMcEwen4 BidForm Excel Revised Addendum3](#).

6. Removal of Item No. 308-01.10, COLD IN-PLACE RECYCLED BITUMINOUS PAVEMENT:

The existing pay item, 308-01.10, COLD IN-PLACE RECYCLED BITUMINOUS PAVEMENT, is listed in the Bid Form with a total quantity of 2,500 TON. The intent of this pay item, as its footnote states, was "to be used as directed by the engineer for temporary asphalt maintenance during construction." However, this specific pay item, 308-01.10, is NOT appropriate for the intended application and was meant to be removed prior to bidding. Another pay item, 415-50.02, ASPHALT CONC. MAINT. MIX (PG64-22 GRADING D (PLACED)), was added to the original Bid Form account for this temporary maintenance use. Therefore, the City instructs Bidders to **REMOVE** pay item **308-01.10** from the Bid Form.

The Bid Form (**Attachments A1** and **A2**) have been revised with this **Addendum 3** to reflect this pay item removal.

7. Quantity Change for Item No. 411-50.02, ASPHALT CONC. MAINT. MIX (PG64-22) GRADING D (PLACED):

The existing pay item, 411-50.02, ASPHALT CONC. MAINT. MIX (PG64-22) GRADING D (PLACED), is listed in the Bid Form with a total quantity of 1,250 TON. The intent of this pay item, as its footnote states, was “to be used as directed by the engineer for temporary asphalt maintenance during construction.” This pay item was meant to replace pay item 308-01.10, which is not appropriate for this intended application. However, pay item 308-01.10 was never removed from the Bid Form, which necessitated the issuance of this **Addendum 3**.

Also, the removal of pay item 308-01.10 significantly reduces the amount of material available for “temporary asphalt maintenance during construction.” Therefore, the City instructs Bidders to **CHANGE** the **QUANTITY** for pay item **411-50-02, ASPHALT CONC. MAINT. MIX (PG64-22) GRADING D (PLACED)** to **2,500 TON**. This change should allow for sufficient material for asphalt maintenance during construction.

The Bid Form (**Attachments A1** and **A2**) have been revised with this **Addendum 3** to reflect this pay item removal.

II. Questions from Bidders and City Responses (in RED): None

III. Summary of Attachments:

- **Attachment A1** – PDF copy of *Revised* Bid Form – Exhibit A – Part 1 of 2 – Project Estimated Quantities.
- **Attachment A2** – Macro-enabled Microsoft Excel (.xslm) copy of *Revised* Bid Form – Exhibit A – Part 1 of 2 – Project Estimated Quantities.

End of Addendum 3

BID FORM for COF Construction Contract No. 2024-0246
East McEwen Drive Phase 4 Improvements (COF Project No. 2015-002 / TDOT PIN 125418.00)

EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
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ESTIMATED ROADWAY QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1	0	1		
9, 31	201-01	CLEARING AND GRUBBING	LS	1	0	1		
18, 40	202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	0	1		
	202-04.02	REMOVAL OF STRUCTURES (WOODEN HOUSE WITH METAL ROOF, APPROX. STA. 441+50)	LS	1	0	1		
19	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	164,567	0	164,567		
14	203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	93,033	0	93,033		
	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	25,289	0	25,289		
	203-04	PLACING AND SPREADING TOPSOIL	C.Y.	3,032	0	3,032		
20	203-05	UNDERCUTTING	C.Y.	16,394	0	16,394		
21	203-06	WATER	M.G.	5,732	0	5,732		
	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	15,375	0	15,375		
1	204-07	BEDDING MATERIAL (PIPE) CLASS B	C.Y.	1,743	0	1,743		
	204-08	FOUNDATION FILL MATERIAL	C.Y.	14	0	14		

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Revised Per Addendum 3 on November 14, 2024

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34	204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	42	1,979	2,021		
4	209-03.53	STREAM MITIGATION - ARTICULATED CONCRETE MAT	S.Y.	1,500	0	1,500		
	209-05	SEDIMENT REMOVAL	C.Y.	1,062	0	1,062		
42	209-06.05	BALED HAY OR STRAW	BALE	48	0	48		
2, 22	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	12,600	0	12,600		
7, 22	209-08.07	ROCK CHECK DAM	EACH	5	0	5		
7, 22	209-08.08	ENHANCED ROCK CHECK DAM	EACH	28	0	28		
7	209-09.04	SEDIMENT FILTER BAG(15' X 10')	EACH	6	0	6		
7, 22	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	1	0	1		
7, 23, 43	209-10.02	8IN SKIMMER W/6IN HEAD	EACH	4	0	4		
23	209-11.01	SEDIMENT BASIN RISER (48", STRUCTURE B5)	EACH	1	0	1		
23	209-11.02	SEDIMENT BASIN RISER (48", STRUCTURE F9)	EACH	1	0	1		
23	209-11.03	SEDIMENT BASIN RISER (48", STRUCTURE K7)	EACH	1	0	1		
23	209-11.04	SEDIMENT BASIN RISER (48", STRUCTURE J34)	EACH	1	0	1		
23	209-11.05	SEDIMENT BASIN RISER (48", STRUCTURE J7)	EACH	1	0	1		

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23	209-11.06	SEDIMENT BASIN RISER (48", STRUCTURE X2)	EACH	1	0	1		
23	209-11.07	SEDIMENT BASIN RISER (48", STRUCTURE X4)	EACH	1	0	1		
	209-11.20	SEDIMENT BASIN BAFFLES	L.F.	760	0	760		
7, 23	209-40.41	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EACH	13	0	13		
7, 23	209-40.42	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EACH	48	0	48		
7, 23	209-40.43	CATCH BASIN FILTER ASSEMBLY (TYPE 3)	EACH	10	0	10		
7, 23	209-40.44	CATCH BASIN FILTER ASSEMBLY (TYPE 4)	EACH	4	0	4		
7, 23	209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	EACH	11	0	11		
7, 23	209-40.46	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EACH	135	0	135		
7, 23	209-40.47	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EACH	31	0	31		
	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	30	0	30		
24	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	63,598	0	63,598		
	303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	268	0	268		
44	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	12	0	12		
	307-01.21	ASP. CONC. MIX (PG70-22) (BPMB-HM) GR. A-S	TON	8,509	0	8,509		

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	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	16,130	0	16,130		
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	9,523	0	9,523		
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	169	0	169		
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	671	0	671		
	403-02.01	TRACKLESS TACK COAT	TON	52	0	52		
7, 15	407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	3,313	0	3,313		
	411-01.11	ACS MIX (PG64-22) GRADING E RDWY	TON	1,677	0	1,677		
	411-02.10	ACS MIX (PG70-22) GRADING D	TON	3,750	0	3,750		
17	411-50.02	ASPHALT CONC. MAINT. MIX (PG64-22) GRADING D (PLACED)	TON	2,500	0	2,500		
16	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	21,710	0	21,710		
7, 15	502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	L.F.	100	0	100		
	604-02.01	CLASS A CONCRETE (BOX BRIDGES)	C.Y.	118	0	118		
	604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	21,022	0	21,022		
36	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	10,640	0	10,640		
36	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	2,584	0	2,584		

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36	607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	496	0	496		
36	607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	404	0	404		
36	607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	L.F.	35	0	35		
	611-01.02	MANHOLES, > 4' - 8' DEPTH	EACH	1	0	1		
	611-01.06	MANHOLES, > 20' - 24' DEPTH	EACH	1	0	1		
	611-01.07	MANHOLES, > 24' - 28' DEPTH	EACH	1	0	1		
	611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	16	0	16		
	611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	292	0	292		
	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	12	0	12		
	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	6	0	6		
	611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	EACH	2	0	2		
5, 13	611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	EACH	181	0	181		
5, 13	611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	EACH	11	0	11		
5, 13	611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	EACH	4	0	4		
5, 13	611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' DEPTH	EACH	2	0	2		

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5, 13	611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	EACH	21	0	21		
5, 13	611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	EACH	7	0	7		
5, 13	611-14.04	CATCH BASINS, TYPE 14, > 12' - 16' DEPTH	EACH	1	0	1		
5, 13	611-14.05	CATCH BASINS, TYPE 14, > 16' - 20' DEPTH	EACH	1	0	1		
13	611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	3	0	3		
13	611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	EACH	11	0	11		
13	611-42.03	CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	EACH	2	0	2		
	701-01.01	CONCRETE SIDEWALK (4 ")	S.F.	60,852	0	60,852		
25	701-02	CONCRETE DRIVEWAY	S.F.	6,373	0	6,373		
26	701-02.02	CONCRETE DRIVEWAY (8")	S.F.	1,357	0	1,357		
	701-02.03	CONCRETE CURB RAMP	S.F.	925	0	925		
	702-01.01	EXTRUDED SLOPING CURB	L.F.	1,018	0	1,018		
38	702-01.02	CONCRETE CURB	L.F.	40	0	40		
38	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	2,543	0	2,543		
	705-01.04	METAL BEAM GUARD FENCE	L.F.	438	0	438		

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	705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	1	0	1		
	705-06.11	GR TERMINAL (IN-LINE) MASH TL3	EACH	3	0	3		
	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	2	0	2		
	705-06.25	THREE BEAM BRIDGE TRANSITION MASH TL-3	EACH	5	0	5		
	705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	EACH	6	0	6		
8	706-01	GUARDRAIL REMOVED	L.F.	2,060	0	2,060		
	706-06.03	RADIUS RAIL	L.F.	325	0	325		
	706-10.26	ROUNDED END ELEMENT	EACH	1	0	1		
	706-10.80	MICHIGAN AND MODIFIED MICHIGAN END SHOE	EACH	5	0	5		
3, 27	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	2,400	0	2,400		
39	708-02.02	MARKERS (CONCRETE R.O.W. POSTS)	EACH	48	0	48		
10	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	410	0	410		
	709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	886	0	886		
	709-05.08	MACHINED RIP-RAP (CLASS B)	TON	34	0	34		
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	32,979	0	32,979		

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28	712-01	TRAFFIC CONTROL	LS	1	0	1		
29	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	7,600	0	7,600		
	712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	72	0	72		
29	712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	10	0	10		
29	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	174	0	174		
30	712-04.10	TEMPORARY FLEXIBLE TUBULAR DELINEATOR	EACH	60	0	60		
	712-04.50	BARRIER RAIL DELINEATOR	EACH	760	0	760		
29	712-06	SIGNS (CONSTRUCTION)	S.F.	939	0	939		
29	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	567	0	567		
7, 52	712-08.01	UNIFORMED POLICE OFFICER	DOLL	50,000	0	50,000	\$ 1.00	\$ 50,000.00
7	712-08.03	ARROW BOARD (TYPE C)	EACH	1	0	1		
	712-09.08	REMOVABLE PAVEMENT MARKING (6" LINE)	L.F.	2,500	0	2,500		
	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	203	0	203		
41	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1	0	1		
45	713-15.35	METAL BARRICADE (TYPE III)	EACH	24	0	24		

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53	713-16.04	CHANGEABLE MESSAGE SIGN UNIT	EACH	4	0	4		
6, 12	713-16.20	SIGNS (STOP, R1-1, 30"x30")	EACH	5	0	5		
6, 12	713-16.21	SIGNS (SPEED LIMIT, R2-1, 24"x30")	EACH	7	0	7		
6, 12	713-16.22	SIGNS (DEAD END, W14-1, 30"x30")	EACH	2	0	2		
6, 12	713-16.23	SIGNS (KEEP RIGHT, R4-7, 24"x30")	EACH	7	0	7		
6, 12	713-16.24	SIGNS (OBJECT MARKER, OM1-1, 18"x18")	EACH	7	0	7		
6, 12	713-16.25	SIGNS (NO MOTOR VEHICLES, R5-3, 24"x24")	EACH	4	0	4		
6, 12	713-16.26	SIGNS (ADA ACCESSIBLE ROUTE, R4-4 (MOD), 36"x30")	EACH	2	0	2		
6, 12	713-16.27	SIGNS (ADVANCE INTERSECTION LANE CONTROL, R3-8, 30"x48")	EACH	1	0	1		
6, 12	713-16.28	SIGNS (STREET NAME, D3-1, 36"x8")	EACH	10	0	10		
6, 12	713-16.29	SIGNS (STOP AHEAD, W3-1A, 36"x36")	EACH	2	0	2		
6, 12	713-16.30	SIGNS (SIDEWALK CLOSED, R9-9, 12"x24")	EACH	2	0	2		
37	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	1,432	0	1,432		
37	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	152	0	152		
37	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	4	0	4		

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32, 37	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	30	0	30		
37	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	2	0	2		
37	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	EACH	5	3	8		
33	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	28	0	28		
	716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	L.F.	156	0	156		
	716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	EACH	10	0	10		
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	5	0	5		
33	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	9	0	9		
	716-12.04	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN DOTTED LINE)	L.F.	400	0	400		
	717-01	MOBILIZATION	LS	1	0	1		
	730-02.48	SIGNAL HEAD MODIFICATION (RELOCATION)	EACH	1	0	1		
7, 10	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	2,700	0	2,700		
2, 7	740-11.03	TEMPORARY SEDIMENT TUBE 18IN	L.F.	11,150	0	11,150		
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	650	0	650		
	801-01.38	NATIVE SEED MIX FINAL STABILIZATION OF SLOPES	UNIT	31	0	31		

BID FORM for COF Construction Contract No. 2024-0246
 East McEwen Drive Phase 4 Improvements (COF Project No. 2015-002 / TDOT PIN 125418.00)

EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
 Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
7	801-02	SEEDING (WITHOUT MULCH)	UNIT	650	0	650		
	801-03	WATER (SEEDING & SODDING)	M.G.	787	0	787		
35	803-01	SODDING (NEW SOD)	S.Y.	72,179	0	72,179		
11	805-01.03	TURF REINFORCEMENT MAT (CLASS III)	S.Y.	217	0	217		
4	805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	60,500	0	60,500		
4, 45	805-12.04	EROSION CONTROL BLANKET (TYPE IV)	S.Y.	2,635	0	2,635		
51	806-02.03	PROJECT MOWING	CYCL	12	0	12		
ESTIMATED ROADWAY QUANTITIES Subtotal:								

BID FORM for COF Construction Contract No. 2024-0246
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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
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ESTIMATED RETAINING WALL QUANTITIES

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	604-01.20	BOX TUBE SAFETY RAIL	L.F.	1,021	0	1,021		
48, 50	604-07.01	RETAINING WALL (WALL B)	S.F.	3,401	0	3,401		
48, 50	604-07.02	RETAINING WALL (WALL C)	S.F.	2,872	0	2,872		
48, 50	604-07.03	RETAINING WALL (WALL D)	S.F.	2,872	0	2,872		
48, 50	604-07.04	RETAINING WALL (WALL ME)	S.F.	15,310	0	15,310		
50	604-07.05	RETAINING WALL (WALL G1)	S.F.	1,473	0	1,473		
50	604-07.06	RETAINING WALL (WALL H1)	S.F.	4,098	0	4,098		
46, 50	604-07.08	RETAINING WALL (WALL K1)	S.F.	1,444	0	1,444		
48, 50	604-07.09	RETAINING WALL (WALL L)	S.F.	3,823	0	3,823		
48, 50	604-07.10	RETAINING WALL (WALL P1)	S.F.	1,750	0	1,750		
48, 50	604-07.11	RETAINING WALL (WALL P2)	S.F.	2,481	0	2,481		
48, 50	604-07.12	RETAINING WALL (WALL P3)	S.F.	516	0	516		
	620-06	CONCRETE RAILING	L.F.	1,973	0	1,973		

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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
47	621-05.02	TEMPORARY SHORING	LS	1	0	1		
49	920-11	CONCRETE PARAPET RAIL WITH MOMENT SLAB	L.F.	1,471	0	1,471		
ESTIMATED RETAINING WALL QUANTITIES Subtotal:								

ESTIMATED BRIDGE QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
54	202-04.01	REMOVAL OF STRUCTURES (CANTILEVER AND RAILING)	LS	1	0	1		
54	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	3,850	0	3,850		
54	604-03.09	CLASS D CONCRETE (BRIDGE DECK)	C.Y.	13	0	13		
54	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURE)	S.Y.	94	0	94		
54	604-04.10	GRAFFITI PROTECTION SYSTEM (NON-SACRIFICIAL)	S.Y.	94	0	94		
54	604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	28	0	28		
54	617-02	BRIDGE DECK CRACK SEALING	L.F.	72	0	72		
54	620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	72	0	72		
54	707-07.01	CHAIN-LINK FENCE (BRIDGES)	S.F.	740	0	740		
ESTIMATED BRIDGE QUANTITIES Subtotal:								

BID FORM for COF Construction Contract No. 2024-0246
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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
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ESTIMATED ROADWAY LIGHTING QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
56	714-01.36	ROADWAY LIGHTING	LS	1	0	1		
	714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	L.F.	16,325	0	16,325		
	714-03.02	DIRECT BURIAL CONDUIT (3" PVC, SCHEDULE 40)	L.F.	70	0	70		
	714-03.03	DIRECT BURIAL CONDUIT (1" PVC, SCHEDULE 40 WITH PULL TAPE)	L.F.	160	0	160		
	714-03.04	DIRECT BURIAL CONDUIT (3/4" PVC, SCHEDULE 40 WITH PULL TAPE)	L.F.	60	0	60		
59	714-05.05	PULL BOXES (SMALL)	EACH	75	0	75		
60	714-05.06	PULL BOXES (LARGE)	EACH	2	0	2		
	714-05.07	PULL BOXES (ELECTRICAL ROUND, 4", 1" KNOCKOUT, TUNNEL LIGHTING)	EACH	1	0	1		
66	714-08.09	LIGHT STANDARDS (ROADWAY, 30' SQUARE ALUMINUM, BLACK)	EACH	31	0	31		
67	714-08.10	LIGHT STANDARDS (ROADWAY, 25' SQUARE ALUMINUM, BLACK, WALL MOUNTED)	EACH	7	0	7		
68	714-08.11	LIGHT STANDARDS (DECORATIVE, 16' ALUMINUM, BLACK)	EACH	22	0	22		

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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	714-08.28	FOUNDATION FOR LIGHT STANDARDS - ROADWAY (FOUNDATION PREPARATION, INCLUSIVE OF ALL RELATED ITEMS FOR ROADWAY LIGHT STANDARDS, INCLUDING BUT NOT LIMITED TO CONCRETE CAST IN-PLACE FOUNDATION, 24" DIAMETER, 6'-6" DEPTH. NO. 2 REINFORCING STEEL BAR, NO. 4 REINFORCING STEEL BAR, 8' GROUND ROD 5/8" DIA COPPER-CLAD STEEL, GROUND BONDING CLAMP FOR 5/8" GROUND ROD, BREAKAWAY FUSE HOLDER FOR EACH POLE MOUNT, FUSE FOR BREAKAWAY FUSE HOLDER, PARALLEL BONDING CONNECTOR FOR POLE GROUNDS, SUBMERSIBLE SECONDARY CONNECTORS, ABOVE GRADE CONNECTOR FOR #12 CONDUCTOR, RED WIRE NUT)	EACH	46	0	46		
58	714-08.32	REMOVAL OF LIGHT STANDARD & FOUNDATION	EACH	6	0	6		
	714-08.43	FOUNDATION FOR LIGHT STANDARDS - ROADWAY (FOUNDATION PREPARATION, INCLUSIVE OF ALL RELATED ITEMS FOR ROADWAY LIGHT STANDARDS, INCLUDING BUT NOT LIMITED TO CAST IN PLACE FOUNDATION, 24" DIAMETER, 4' DEPTH, NO. 2 REINFORCING STEEL BAR, NO. 4 REINFORCING STEEL BAR, 8' GROUND ROD 5/8" DIA COPPER-CLAD STEEL, GROUND BONDING CLAMP FOR 5/8" GROUND ROD, BREAKAWAY FUSE HOLDER FOR EACH POLE MOUNT, FUSE FOR BREAKAWAY FUSE HOLDER, PARALLEL BONDING CONNECTOR FOR POLE GROUNDS, SUBMERSIBLE SECONDARY CONNECTORS, ABOVE GRADE CONNECTOR FOR #12 CONDUCTOR, RED WIRE NUT)	EACH	22	0	22		

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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	714-09.47	LED LUMINAIRE (ROADWAY)	EACH	38	0	38		
	714-09.48	LED LUMINAIRE (DECORATIVE ROADWAY)	EACH	22	0	22		
69	714-09.49	LED LUMINAIRE (PEDESTRIAN TUNNEL)	EACH	1	0	1		
	714-25.01	ELECTRICAL CONNECTION (SERVICE / METER PEDESTAL - MILBANK, SERIES CP3B, STANDARD UNIT)	LS	2	0	2		
57	714-25.22	INSTALL SVC RISER (ROADWAY LIGHTING SERVICE RISER PER MTEMC STANDARDS; ALL INCLUSIVE)	EACH	2	0	2		
62	714-70.02	#10 AWG WIRE WHITE INSL SOLID COPPER	L.F.	350	0	350		
61	714-70.55	#10 AWG GROUND WIRE GREEN INSL SOLID COPPER	L.F.	14,350	0	14,350		
63	714-70.56	#4 BARE SOFT DRAWN COPPER FOR LIGHT POST GROUNDING	L.F.	700	0	700		
64	714-70.57	#4 AWG GROUND WIRE BARE SOLID COPPER	L.F.	20	0	20		
65	714-70.59	#4 COPPER THHN OR THWN, WHITE, FOR SERVICE GROUNDED CONDUCTOR	L.F.	85	0	85		
							ESTIMATED ROADWAY LIGHTING QUANTITIES Subtotal:	

ESTIMATED FIBER OPTIC COMMUNICATIONS (CITY OF FRANKLIN) QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
70	725-02.25	FIELD HUB SWITCH (INSTALL ONLY)	EACH	1	0	1		
71	725-03.80	CCTV CAMERA SYSTEM	EACH	1	0	1		

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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	725-10.64	FIBER OPTIC CABLE (72 COUNT)	L.F.	10,838	0	10,838		
	730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	EACH	19	0	19		
72	730-12.14	CONDUIT 3" DIAMETER (JACK AND BORE)	L.F.	60	0	60		
72	730-12.27	CONDUIT 3" DIAMETER (PVC SCHEDULE 40)	L.F.	7,300	0	7,300		
ESTIMATED FIBER OPTIC COMMUNICATIONS (CITY OF FRANKLIN) QUANTITIES Subtotal:								

ESTIMATED TRAFFIC SIGNAL (CITY OF FRANKLIN) MODIFICATION QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	713-02.15	FLEXIBLE TUBULAR DELINEATOR	EACH	4	0	4		
	713-16.36	SIGNS (SIDEWALK ENDS, R9-9 (MODIFIED), 24" X 12", UNIT PRICE BID INCLUDES SQUARE TUBE PERFORATED POST P8)	EACH	2	0	2		
	730-02.48	SIGNAL HEAD MODIFICATION (RELOCATION)	EACH	1	0	1		
ESTIMATED TRAFFIC SIGNAL (CITY OF FRANKLIN) MODIFICATION QUANTITIES Subtotal:								

ESTIMATED ELECTRIC SERVICE INFRASTRUCTURE (MIDDLE TENNESSEE ELECTRIC) QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	790-42.08	2~2" PVC SCHEDULE 40 (PRIMARY DITCH DETAIL 2G) (INCLUDES INSTALLATION, CLEAN GRAVEL, EXCAVATION, INSPECTION)	L.F.	153	0	153		

BID FORM for COF Construction Contract No. 2024-0246
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EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
	790-42.09	2~4" PVC SCHEDULE 40 (PRIMARY DITCH DETAIL 2G) (INCLUDES INSTALLATION, CLEAN GRAVEL, EXCAVATION, INSPECTION)	L.F.	156	0	156		
	790-42.10	2" PVC SCHEDULE 80 ELBOW (36" RADIUS) (INCLUDES INSTALLATION, CLEAN GRAVEL, EXCAVATION, INSPECTION)	EACH	4	0	4		
	790-42.11	4" PVC SCHEDULE 80 ELBOW (48" RADIUS) INCLUDES INSTALLATION, CLEAN GRAVEL, EXCAVATION, INSPECTION)	EACH	12	0	12		
	790-43.47	PRIMARY PULLBOX (48"L X 30"W X 36"D), MTEMC-ELECTRICAL LOGO (INCLUDES INSTALLATION, CLEAN GRAVEL, INSTALLATION)	EACH	3	0	3		
ESTIMATED ELECTRIC SERVICE INFRASTRUCTURE (MIDDLE TENNESSEE ELECTRIC) QUANTITIES Subtotal:								

ESTIMATED GAS LINE (ATMOS ENERGY) RELOCATION QUANTITIES								
FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
73	791-01.04	4IN STEEL GAS MAIN	L.F.	0	103	103		
73	791-01.06	8IN STEEL GAS MAIN	L.F.	6,764	0	6,764		
73	791-01.09	4IN STEEL GAS MAIN (INSTALLED WITH AND ABOVE THE 8IN STEEL GAS MAIN)	L.F.	0	50	50		
73	791-03.02	2IN PE GAS MAIN	L.F.	0	32	32		
73	791-03.04	4IN PE GAS MAIN	L.F.	0	52	52		
73	791-03.09	2IN PE GAS MAIN (INSTALLED WITH AND ABOVE THE 8IN STEEL GAS MAIN)	L.F.	0	1,530	1,530		

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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
73	791-03.10	4IN PE GAS MAIN (INSTALLED WITH AND ABOVE THE 8IN STEEL GAS MAIN)	L.F.	0	943	943		
74	791-04.10	HDD 3/4IN PE SERVICE PIPE (DIRECTIONAL BORE TO BE USED ONLY IF NECESSARY)	L.F.	121	0	121		
74	791-04.13	HDD 4IN STEEL SERVICE PIPE (DIRECTIONAL BORE TO BE USED ONLY IF NECESSARY)	L.F.	31	0	31		
75	791-06.03	CONNECTION TO 4" EX PE GAS MAIN	EACH	0	2	2		
75	791-06.09	CONNECT TO EX 3/4" GAS SERVICE LINE	EACH	5	0	5		
75	791-06.34	CONNECT TO EX 8" STEEL GAS MAIN W/ STOPPER	EACH	4	0	4		
75	791-06.38	CONNECT TO 8" EX STEEL MAIN W/ BOTTOM OUT STOPPER FITTING	EACH	1	0	1		
76	791-07.02	4 IN PE GAS VALVE ASSEMBLY	EACH	0	2	2		
76	791-07.09	2 IN STEEL GAS VALVE ASSEMBLY	EACH	0	1	1		
76	791-07.10	4 IN STEEL GAS VALVE ASSEMBLY	EACH	0	1	1		
76	791-07.12	8 IN STEEL GAS VALVE ASSEMBLY	EACH	2	0	2		
77	791-08.07	3/4IN PE SERVICE PIPE (AN ADDITIONAL 300' OF QTY. HAS BEEN ADDED TO THIS ITEM FOR ADDITIONAL WORK AS DETERMINED BY THE ENGINEER)	L.F.	755	0	755		
79	791-08.41	GAS MAIN REMOVAL (REMOVAL/DISPOSAL OF EXISTING 8" GAS MAIN TO ACCOMODATE ROADWAY CONSTRUCTION; QTY INCLUDES AN ADDITIONAL 200' AS DIRECTED BY THE ENGINEER)	L.F.	1,543	0	1,543		
78	791-09.02	3-WIRE CATHODIC PROTECTION STATION	EACH	0	2	2		

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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT	
78	791-09.04	4" REGULATING STATION (W/ OPTION #4 ENCLOSED - STD 10-002-05) (REGULATING STATION SHALL BE PREFABRICATED BY APPROVED VENDOR)	EACH	2	0	2			
79	791-09.08	REMOVAL REGULATING STATION (2' BELOW PROPOSED GRADE)	EACH	2	0	2			
79	791-09.23	REMOVAL OF EXISTING FARM TAP (2' BELOW PROPOSED GRADE)	EACH	5	0	5			
80	791-10.01	RETIRE IN PLACE 3/4 IN SERV CUT & PLUG	EACH	5	0	5			
80	791-10.05	RETIRE IN PLACE 4" PE CUT & PLUG	EACH	1	0	1			
80	791-10.07	RETIRE IN PLACE 8" STEEL GAS MAIN CUT & PLUG	EACH	15	0	15			
	791-11.02	CONCRETE CAP (CLASS A)	LS	1	0	1			
75	791-15.71	INSTALL TEMPORARY FARM TAP AS REQUIRED	EACH	2	0	2			
81	791-99.04	GAS MAIN UTILITY AS-BUILTS (SEE SPECIAL PROVISION REGARDING UTILITY RECORD DRAWINGS)	LS	0.5	0.5	1			
				ESTIMATED GAS LINE (ATMOS ENERGY) RELOCATION QUANTITIES Subtotal:					

ESTIMATED WATER LINE (MILCROFTON UTILITY DISTRICT) RELOCATION QUANTITIES

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
82	795-01.06	8" SLIP JOINT WATER LINE (CLASS 52) (PRICE INCLUDES COPPERHEAD 1230B-SF LOCATING WIRE)	L.F.	11	4,920	4,931		
82	795-02.03	4" HDPE WATER LINE (DR11) (PRICE INCLUDES COPPERHEAD 1230B-SF LOCATING WIRE)	L.F.	1,508	0	1,508		
83	795-05.55	HDD 3" FPVC CASING PIPE	L.F.	682	0	682		

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82	795-05.92	4" FPVC CASING PIPE OPEN CUT (USE AS DIRECTED BY ENGINEER)	L.F.	50	0	50		
82	795-05.93	3" FPVC CASING PIPE OPEN CUT (USE AS DIRECTED BY ENGINEER)	L.F.	100	0	100		
84	795-06.05	CONNECT TO 8IN WATER LINE	EACH	1	4	5		
84	795-06.07	CONNECT TO 12IN WATER LINE	EACH	0	1	1		
	795-06.32	CUT AND CAP 4" WATER LINE	EACH	0	5	5		
	795-06.34	CUT AND CAP 8" WATER LINE	EACH	1	0	1		
	795-06.37	CUT AND CAP 12" WATER LINE	EACH	2	0	2		
85	795-08.05	8" GATE VALVE ASSEMBLY	EACH	1	4	5		
86	795-09.01	3/4" WATER SERVICE ASSEMBLY (MILCROFTON TO PROVIDE AND INSTALL METERS)	EACH	6	0	6		
	795-09.51	DISCONNECT/RECONNECT EXISTING WATER METER	EACH	4	0	4		
82	795-09.60	3/4" PEXa SERVICE PIPE (QTY INCLUDES AN ADDITIONAL 450' TO RECONNEECT SERVICE AS APPROVED MUD) (PRICE INCLUDES COPPERHEAD 1230B-SF LOCATING WIRE)	L.F.	1,367	0	1,367		
82	795-09.62	1" PEXa SERVICE PIPE (QTY INCLUDES TEMPORARY SERVICE) (PRICE INCLUDES COPPERHEAD 1230B-SF LOCATING WIRE)	L.F.	630	0	630		
82	795-09.64	2" PEXa SERVICE PIPE (QTY INCLUDES TEMPORARY SERVICE) (PRICE INCLUDES COPPERHEAD 1230B-SF LOCATING WIRE)	L.F.	334	0	334		

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FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
86	795-10.03	1" COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY	EACH	3	5	8		
86	795-11.01	BLOW OFF ASSEMBLY	EACH	1	0	1		
86	795-11.02	FIRE HYDRANT ASSEMBLY (INCLUDES ALL REQUIRED 6" RESTRAINED JOINT DIP AND VALVE)	EACH	4	0	4		
88	795-12.27	REMOVAL/DISPOSAL OF EXISTING 4" WATER MAIN TO ACCOMMODATE ROADWAY CONSTRUCTION (QTY INCLUDES AN ADDITIONAL 400' AS DIRECTED BY THE ENGINEER)	L.F.	455	0	455		
88	795-12.28	REMOVAL/DISPOSAL OF EXISTING 8" WATER MAIN TO ACCOMMODATE ROADWAY CONSTRUCTION	L.F.	42	0	42		
88	795-12.29	REMOVAL/DISPOSAL OF EXISTING 12" DUCTILE IRON WATER MAIN AND 18" STEEL CASING PIPE FROM EXISTING BRIDGE (ATTACHED TO BRIDGE PARAPET)	L.F.	87	0	87		
	795-13.01	DI FITTINGS (INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS)	LB.	520	2,690	3,210		
87	795-14.01	CONCRETE CAP (AS DIRECTED BY MUD)	L.F.	0	30	30		
89	795-30.26	OPEN CUT 3" CASING PIPE (SCH 40 PVC)	L.F.	133	0	133		
	795-99.05	POLYETHYLENE PIPE PROTECT - 8" (PER ANSI/AWWA C105/A21.5 - INSTALLED ON NEW MAINS AS DIRECTED BY MUD)	L.F.	0	600	600		
	795-99.06	WATER UTILITY AS-BUILTS (SEE SPECIAL PROVISION REGARDING UTILITY RECORD DRAWINGS)	LS	0.24	0.76	1		
ESTIMATED WATER LINE (MILCROFTON UTILITY DISTRICT) RELOCATION QUANTITIES Subtotal:								

BID FORM for COF Construction Contract No. 2024-0246
East McEwen Drive Phase 4 Improvements (COF Project No. 2015-002 / TDOT PIN 125418.00)

EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
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ESTIMATED SANITARY SEWER FORCE MAIN (CITY OF FRANKLIN) RELOCATION QUANTITIES

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
90	797-01.02	6" FORCE MAIN (CLASS 350) (QTY INCLUDES 259 ADDITIONAL LF FOR TEMPORARY RELOCATIONS TO ACCOMMODATE PHASED CONSTRUCTION) (PRICE INCLUDES 14AWG, TYPE THHN SOLID COPPER DETECTION WIRE)	L.F.	0	5,002	5,002		
95	797-06.91	OPEN CUT 18" STEEL CASING PIPE	L.F.	0	80	80		
	797-08.01	DI FITTINGS (INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS)	LB.	0	3,000	3,000		
92	797-08.62	6" GATE VALVE ASSEMBLY	L.F.	0	4	4		
92	797-08.68	6" INSERTION VALVE (INSTALLED WITH NO SYSTEM SHUT DOWN - AS DIRECTED BY THE ENGINEER FOR FLOW CONTROL)	EACH	0	2	2		
93	797-09.19	COMBINATION AIR/VACUUM RELEASE VALVE	EACH	0	2	2		
91	797-09.46	CUT AND CAP / PLUG 6" FORCE MAIN	EACH	0	12	12		
91	797-10.17	CONNECT TO 6" FORCE MAIN	EACH	0	10	10		
96	797-11.46	CONCRETE CAP (CLASS A CONCRETE - AS DIRECTED BY THE ENGINEER)	L.F.	0	30	30		
97	797-99.01	POLYETHYLENE ENCASEMENT PER ANSI/AWWA C105/A21.5 (INSTALLED ON NEW MAINS AS DIRECTED BY COF INSPECTOR)	L.F.	0	4,435	4,435		
94	797-99.02	REMOVAL OF EXISTING FM AIR VALVE / MANHOLE	EACH	0	1	1		

BID FORM for COF Construction Contract No. 2024-0246
 East McEwen Drive Phase 4 Improvements (COF Project No. 2015-002 / TDOT PIN 125418.00)

EXHIBIT A - PART 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES
 Revised Per Addendum 3 on November 14, 2024

FOOTNOTE(S)	ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY (PART)	EST QTY (NON-PART)	EST QTY (TOTAL)	UNIT PRICE	EXT. AMOUNT
94	797-99.03	REMOVAL OF EXISTING 6" FORCE MAIN TO ACCOMMODATE ROADWAY CONSTRUCTION (QTY INCLUDES AN ADDITIONAL 150' AS DIRECTED BY THE ENGINEER)	L.F.	0	1,122	1,122		
	797-99.04	FORCE MAIN UTILITY AS-BUILTS (SEE SPECIAL PROVISION REGARDING RECORD DRAWINGS)	LS	0	1	1		
ESTIMATED SANITARY SEWER FORCE MAIN (CITY OF FRANKLIN) RELOCATION QUANTITIES Subtotal:								

TOTAL BID PRICE (IN FIGURES):								
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TOTAL BID PRICE (IN WORDS):

TOTAL BID PRICE (IN FIGURES):

END - EXHIBIT A - Part 1 of 2 - BID FORM - PROJECT ESTIMATED QUANTITIES