

BIDS OPENED: 2:00 P.M. CST  
 TUESDAY, JANUARY 19, 2016  
 CITY HALL  
 392 NORTH MAIN STREET  
 CROSSVILLE, TENNESSEE

**TABULATION OF BIDS**  
**WATER SYSTEM IMPROVEMENTS**  
 FOR  
**CROSSVILLE, TENNESSEE**  
 JRWCO JOB NO. 4625

**J. R. WAUFORD & CO.**  
 CONSULTING ENGINEERS, INC.  
 MARYVILLE, TENNESSEE

ITEM NO.	QUANTITY	ITEM DESCRIPTION	NORRIS BROTHERS EXCAVATING, LLC 1007 ROGERS ROAD CROSSVILLE, TENNESSEE		IRONWOOD CONSTRUCTION & ENGINEERING, LLC P.O. BOX 1369 CROSSVILLE, TENNESSEE		ADAMS AND SONS, INC. 140 WHITES SCHOOL ROAD SEVIERVILLE, TENNESSEE		DANSON CONSTRUCTION, INC. 3536 OLD BON AIR ROAD SPARTA, TENNESSEE		FLO-LINE CONTRACTING, LLC 189 SUNSTAR BOULEVARD MONTICELLO, KENTUCKY		HOPPER EXCAVATING, LLC 4462 PEAVINE ROAD CROSSVILLE, TENNESSEE	
			UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
BIDS SHALL INCLUDE SALES TAX AND ALL OTHER APPLICABLE TAXES AND FEES.			BID BOND		BID BOND		BID BOND		BID BOND		BID BOND		BID BOND	
BID FORM A - CONTRACT 15-01														
WATER LINE REPLACEMENT - LANTANA ESTATES, FAIRYLAND ACRES, HOLIDAY DRIVE														
1.	LUMP SUM	CONNECTION NO. 1 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-1" AT STA. 0+00 INCLUDING ALL PIPE, TEES, BENDS, KICKERS, VALVES, HYDRANT, AND FITTINGS AS REQUIRED FOR CONNECTION, REMOVING EXISTING TEE AND KICKER, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		\$ 2,425.00		\$ 6,500.00		\$ 6,050.00		\$ 9,216.00		\$ 8,000.00		6,000.00
2.	LUMP SUM	CONNECTION NO. 2 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-1" AT STA. 46+98± INCLUDING ALL PIPE, COUPLINGS, VALVES, PLUGS AND FITTINGS AS REQUIRED FOR CONNECTION, REMOVING EXISTING VALVE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		3,000.00		2,295.00		4,000.00		4,000.00		6,000.00
3.	LUMP SUM	CONNECTION NO. 3 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-1.2" AT STA. 44+59± INCLUDING ALL PIPE, BENDS, KICKERS, VALVES AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND PLUGGING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		3,500.00		2,350.00		4,100.00		5,000.00		6,000.00
4.	LUMP SUM	CONNECTION NO. 4 - CONNECTION TO EXISTING 2-INCH WATER LINE FOR LINE "W-1.3" AT STA. 44+77± INCLUDING ALL PIPE, SADDLE, NIPPLE, COUPLINGS, AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND RECONNECTING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		4,000.00		3,500.00		5,758.00		6,000.00		6,000.00
5.	LUMP SUM	CONNECTION NO. 5 - CONNECTION TO EXISTING 2-INCH WATER LINE FOR LINE "W-1.3" AT STA. 11+92± INCLUDING ALL PIPE, SADDLE, NIPPLE, COUPLINGS, AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND RECONNECTING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		4,000.00		3,500.00		9,520.00		6,000.00		6,000.00
6.	LUMP SUM	CONNECTION NO. 6 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2" AT STA. 0+00 INCLUDING ALL PIPE, TEES, VALVES, COUPLINGS, BENDS, KICKERS, HYDRANT, AND FITTINGS AS REQUIRED FOR CONNECTION, DISCONNECTING AND PLUGGING EXISTING WATER LINE, REPLACING TEE WITH BEND, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		6,500.00		6,550.00		9,220.00		10,000.00		6,000.00
7.	LUMP SUM	CONNECTION NO. 7 - CONNECTION TO EXISTING 2-INCH WATER LINE FOR LINE "W-2" AT STA. 14+13± INCLUDING ALL PIPE, SADDLE, NIPPLE, COUPLINGS, AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND RECONNECTING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		2,500.00		2,325.00		7,070.00		3,000.00		6,000.00
8.	LUMP SUM	CONNECTION NO. 8 - CONNECTION TO EXISTING 2-INCH WATER LINE FOR LINE "W-2" AT STA. 25+20± INCLUDING ALL PIPE, SADDLE, NIPPLE, COUPLINGS, AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND RECONNECTING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		2,500.00		2,325.00		3,570.00		3,000.00		6,000.00
9.	LUMP SUM	CONNECTION NO. 9 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2.1" AT STA. 54+75± INCLUDING ALL PIPE, TEE, VALVES, BENDS, KICKERS, COUPLING AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND PLUGGING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		5,000.00		3,450.00		7,020.00		8,000.00		6,000.00
10.	LUMP SUM	CONNECTION NO. 10 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2.1" AT STA. 18+84± INCLUDING ALL PIPE, TEE, VALVES, COUPLING, KICKER, AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND PLUGGING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		4,500.00		4,050.00		6,660.00		7,500.00		6,000.00
11.	LUMP SUM	CONNECTION NO. 11 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2.1" AT STA. 29+21± INCLUDING ALL PIPE, TEE, KICKER, VALVES AND FITTINGS AS REQUIRED FOR CONNECTION, SEVERING AND PLUGGING EXISTING WATER LINE, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		4,500.00		4,100.00		6,100.00		7,500.00		6,000.00
12.	LUMP SUM	CONNECTION NO. 12 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2.1" AT STA. 53+85± INCLUDING ALL PIPE, TAPPING SLEEVE, VALVE, KICKER AND FITTINGS AS REQUIRED FOR CONNECTION, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		3,000.00		3,425.00		4,500.00		6,000.00		6,000.00
13.	LUMP SUM	CONNECTION NO. 13 - CONNECTION TO EXISTING 6-INCH WATER LINE FOR LINE "W-2.1.2" AT STA. 9+46± INCLUDING ALL PIPE, TAPPING SLEEVE, VALVE, KICKER AND FITTINGS AS REQUIRED FOR CONNECTION, AND ALL EXCAVATION AND APPURTENANCES AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE		2,425.00		3,000.00		3,425.00		4,500.00		6,000.00		6,000.00
14.	18,215 L.F.	6-INCH DR-17 CLASS 250 PVC WATER LINE, COMPLETE IN PLACE, INCLUDING FITTINGS, ALL EXCAVATION AND BEDDING	18.43	335,702.45	30.00	*546,450.00	33.00	601,095.00	45.00	819,675.00	46.00	837,890.00	76.00	1,384,340.00
15.	1,155 L.F.	2-INCH DR-17 CLASS 250 PVC WATER LINE, COMPLETE IN PLACE, INCLUDING FITTINGS, ALL EXCAVATION AND BEDDING	15.52	17,925.60	25.00	28,875.00	18.00	*20,790.00	25.00	28,875.00	35.00	40,425.00	60.00	69,300.00
16.	24 EACH	FIRE HYDRANTS COMPLETE AS SHOWN ON THE DETAIL ON THE PLANS INCLUDING MAIN LINE TEE AND KICKER, 6-INCH GATE VALVE, CONCRETE KICKER AND ASSEMBLY, AND UP TO 20 L.F. OF 6-INCH PIPE (STONE AND CLASS "C" CONCRETE WILL BE PAID FOR AT UNIT PRICES) AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN, COMPLETE IN PLACE	3,104.00	74,496.00	4,500.00	108,000.00	3,900.00	93,600.00	3,600.00	86,400.00	4,500.00	108,000.00	5,000.00	120,000.00
17.	4 EACH	2-INCH BLOW-OFF HYDRANT AS SHOWN ON THE DETAIL ON THE PLANS INCLUDING VALVE, AND VALVE BOX, (STONE AND CLASS "C" CONCRETE WILL BE PAID FOR AT UNIT PRICES) COMPLETE IN PLACE, AS SHOWN ON THE PLANS AND SPECIFIED HEREIN	2,231.00	8,924.00	4,000.00	16,000.00	2,750.00	11,000.00	1,500.00	6,000.00	3,500.00	14,000.00	4,000.00	16,000.00
18.	24 EACH	6-INCH GATE VALVE ASSEMBLY, INCLUDING VALVE AND VALVE BOX, COMPLETE IN PLACE, AS SHOWN ON THE PLANS AND SPECIFIED HEREIN	776.00	18,624.00	1,500.00	36,000.00	1,000.00	24,000.00	800.00	19,200.00	850.00	20,400.00	1,000.00	24,000.00
19.	171 EACH	RECONNECT EXISTING 1-INCH SERVICES TO NEW WATER LINE INCLUDING TAPPING, AND INSTALLING NEW CURB STOP AT NEW WATER MAIN, FITTINGS AND OTHER INCIDENTALS (SERVICE PIPE WILL BE PAID FOR AT UNIT PRICES), AS SHOWN ON THE PLANS AND SPECIFIED HEREIN, COMPLETE IN PLACE	630.50	107,815.50	1,000.00	171,000.00	550.00	94,050.00	450.00	76,950.00	450.00	76,950.00	400.00	68,400.00
20.	1,000 L.F.	SERVICE PIPING, 1-INCH ASTM B88, TYPE K COPPER SERVICE PIPE INSTALLED BY OPEN-CUT METHODS, INCLUDING EXCAVATION, BACKFILL, CLEAN-UP AND ALL INCIDENTALS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN, COMPLETE IN PLACE	12.61	12,610.00	15.00	15,000.00	16.00	16,000.00	15.00	15,000.00	20.00	20,000.00	12.00	12,000.00
21.	3,000 L.F.	SERVICE PIPING, 1-INCH ASTM B88, TYPE K COPPER SERVICE PIPE INSTALLED BY PULLED OR BORE METHODS, INCLUDING EXCAVATION, BACKFILL, CLEAN-UP AND ALL INCIDENTALS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN, COMPLETE IN PLACE	17.46	52,380.00	25.00	75,000.00	25.00	75,000.00	25.00	75,000.00	30.00	90,000.00	30.00	90,000.00
22.	100 C.Y.	UNDERCUTTING OF TRENCH AND CRUSH STONE FOR BACKFILL WHERE DIRECTED BY THE ENGINEER	0.01	*1.00	25.50	*2,550.00	38.00	3,800.00	30.00	3,000.00	40.00	4,000.00	20.00	2,000.00
23.	250 C.Y.	DENSE GRADE AGGREGATE CRUSHED STONE FOR TRAFFIC BOUND SURFACING OR BASE COURSE MEETING THE REQUIREMENTS OF THE CITY OF CROSSVILLE AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	31.04	7,760.00	35.00	8,750.00	38.00	9,500.00	35.00	8,750.00	35.00	8,750.00	40.00	10,000.00
24.	650 C.Y.	DOT NO. 67 CRUSHED STONE FOR DITCH BACKFILL UNDER PAVED SURFACES OR WHERE DIRECTED BY THE ENGINEER	31.04	20,176.00	30.00	19,500.00	30.00	19,500.00	35.00	22,750.00	43.00	27,950.00	40.00	26,000.00
25.	50 C.Y.	CLASS "C" CONCRETE FOR KICKERS, ANCHORS AND ENCASEMENTS OR WHERE DIRECTED BY THE ENGINEER	116.40	5,820.00	250.00	12,500.00	300.00	15,000.00	150.00	7,500.00	250.00	12,500.00	200.00	10,000.00
26.	160 C.Y.	ASPHALTIC CONCRETE PAVEMENT BINDER COURSE IN ACCORDANCE WITH THE CITY OF CROSSVILLE REQUIREMENTS AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	440.65	70,504.00	200.00	32,000.00	330.00	52,800.00	250.00	40,000.00	275.00	44,000.00	480.00	76,800.00
27.	80 C.Y.	ASPHALTIC CONCRETE PAVEMENT TOPPING IN ACCORDANCE WITH THE CITY OF CROSSVILLE REQUIREMENTS AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	460.05	36,804.00	225.00	18,000.00	330.00	26,400.00	240.00	*19,200.00	280.00	22,400.00	620.00	49,600.00
28.	50 S.Y.	CLASS "A" CONCRETE FOR REMOVAL AND REPLACEMENT OF CONCRETE SIDEWALKS, INCLUDING CONCRETE AND ANY REINFORCING STEEL REQUIRED AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	73.72	3,686.00	50.00	2,500.00	115.00	5,750.00	90.00	4,500.00	80.00	4,000.00	60.00	3,000.00
29.	30 EACH	REMOVAL AND REPLACEMENT OF DRIVEWAYS, INCLUDING CRUSHED STONE BASE, CONCRETE AND REINFORCING STEEL REQUIRED AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	485.00	14,550.00	1,000.00	30,000.00	2,000.00	60,000.00	2,500.00	75,000.00	2,100.00	63,000.00	2,000.00	60,000.00
30.	41 EACH	REMOVAL AND REPLACEMENT OF ASPHALTIC CONCRETE DRIVEWAYS, INCLUDING ASPHALT BASE AND TOPPING TO MATCH EXISTING AND BASE STONE REQUIRED AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	1,891.50	77,551.50	1,000.00	41,000.00	1,200.00	49,200.00	2,000.00	82,000.00	600.00	24,600.00	1,600.00	65,600.00
TOTAL BID AMOUNT BID FORM A CONTRACT NUMBER 15-01 ITEMS 1 THROUGH 30				\$ * 896,855.05		\$ * 1,215,625.00		\$ * 1,224,830.00		\$ * 1,471,034.00		\$ 1,498,865.00		\$ 2,165,040.00
ADDITIVE ALTERNATE NO. 1														
14.	1,100 L.F.	DEDUCTION 6-INCH DR-17 CLASS 250 PVC WATER LINE, COMPLETE IN PLACE, INCLUDING FITTINGS, ALL EXCAVATION AND BEDDING	*-18.43	*-20,273.00	-30.00	-33,000.00	-33.00	-36,300.00			-46.00	-50,600.00	-76.00	-83,600.00
15.	55 L.F.	DEDUCTION 2-INCH DR-17 CLASS 250 PVC WATER LINE, COMPLETE IN PLACE, INCLUDING FITTINGS, ALL EXCAVATION AND BEDDING	*-15.52	*-853.60	-25.00	-1,375.00	-18.00	-990.00			-35.00	-1,925.00	-60.00	-3,300.00
29.	30 EACH	DEDUCTION REMOVAL AND REPLACEMENT OF DRIVEWAYS, INCLUDING CRUSHED STONE BASE, CONCRETE AND REINFORCING STEEL REQUIRED AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	*-485.00	*-14,550.00	-1,000.00	-30,000.00	-2,000.00	-60,000.00			-2,100.00	-63,000.00	-2,000.00	-60,000.00
30.	41 EACH	DEDUCTION REMOVAL AND REPLACEMENT OF ASPHALTIC CONCRETE DRIVEWAYS, INCLUDING ASPHALT BASE AND TOPPING TO MATCH EXISTING AND BASE STONE REQUIRED AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	*-1,891.50	*-77,551.50	-1,000.00	-41,000.00	-1,200.00	-49,200.00			-600.00	-24,600.00	-1,600.00	-65,600.00
31.	1,100 L.F.	ADDITION BORING OF WATER MAIN UNDER DRIVEWAYS, INCLUDING BORE, INSTALLATION OF 6-INCH CLASS 350 DUCTILE IRON PIPE AND TWO (2) COUPLINGS, IN LIEU OF OPEN CUT AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	300.00	330,000.00	250.00	275,000.00	50.00	55,000.00			350.00	385,000.00	500.00	550,000.00
32.	55 L.F.	ADDITION BORING OF WATER MAIN UNDER DRIVEWAYS, INCLUDING BORE, INSTALLATION OF 2-INCH DR 17 PVC AND TWO (2) COUPLINGS, IN LIEU OF OPEN CUT AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER	32.00	1,760.00	200.00	11,000.00	40.00	2,200.00			200.00	11,000.00	400.00	22,000.00
ADDITIVE ALTERNATE NO. 1 AMOUNT CONTRACT NUMBER 15-01 SUBTRACT ITEMS 14, 15, 29 AND 30 ADD ITEMS 31 AND 32				\$ * 218,531.90		\$ 180,625.00		\$ *-89,290.00			\$ 255,875.00		\$ 359,500.00	
			<b>LOW BIDDER</b>											

**NO BID**

I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE BIDS RECEIVED  
**J. R. WAUFORD & CO., CONSULTING ENGINEERS, INC.**  
*North B. Wauford* 1/20/16  
 TX LICENSE # 114799

\*ERROR IN BID