

**CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING**

**Project: Wilson Avenue Sidewalk
Project No: 17F-S-0639**

**Opened in Knoxville, TN
Date: December 19, 2019
Time: 11:00 a.m.**

SUMMARY OF BIDS

**CITY OF KNOXVILLE
BID SCHEDULE**

**Bell & Associates
Construction, L.P.**

Whaley Construction, LLC

**McKinnon Construction
Co, LLC**

**Design & Construction
Services, Inc.**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
CITY OF KNOXVILLE ESTIMATED ROADWAY QUANTITIES											
1.10	Mobilization of Forces, Supplies and Equipment	LS	1	20,000.00	20,000.00	25,000.00	25,000.00	49,000.00	49,000.00	43,000.00	43,000.00
2.10	Clearing and Grubbing	LS	1	15,000.00	15,000.00	30,000.00	30,000.00	35,000.00	35,000.00	10,000.00	10,000.00
3.10	Removal of Structures and Obstructions	LS	1	16,500.00	16,500.00	35,000.00	35,000.00	19,525.00	19,525.00	58,000.00	58,000.00
4.20	Common Excavation	CY	365	31.00	11,315.00	30.00	10,950.00	69.00	25,185.00	50.00	18,250.00
4.40	Borrow Excavation	CY	230	52.00	11,960.00	35.00	8,050.00	40.00	9,200.00	65.00	14,950.00
5.10	Mineral Aggregate Base	TON	310	45.00	13,950.00	38.00	11,780.00	40.00	12,400.00	38.00	11,780.00
5.30	Maintenance Stone	TON	150	41.00	6,150.00	38.00	5,700.00	40.00	6,000.00	30.00	4,500.00
7.10	Tack Coat	GAL	45	4.00	180.00	4.50	202.50	5.00	225.00	5.00	225.00
9.20	Bituminous Plant Mix, Grading B-M	TON	110	350.00	38,500.00	368.50	40,535.00	375.00	41,250.00	250.00	27,500.00
9.50	Bituminous Plant Mix, Grading C-S	TON	10	355.00	3,550.00	379.50	3,795.00	385.00	3,850.00	250.00	2,500.00
10.10	Asphaltic Concrete Surface, Grading D	TON	55	355.00	19,525.00	379.50	20,872.50	385.00	21,975.00	300.00	16,500.00
	Correction							399.5455	*		
12.65	6" Detached Concrete Curb, Type A	LF	1,520	25.00	38,000.00	27.00	41,040.00	38.50	58,520.00	50.00	76,000.00
12.85	12" Detached Concrete Curb, Type A	LF	62	46.00	2,852.00	62.00	3,844.00	42.50	2,635.00	50.00	3,100.00
13.10	Concrete Sidewalks	SF	7,855	9.50	74,622.50	8.50	66,767.50	8.50	66,767.50	9.50	74,622.50
13.11	Concrete Steps with Handrail	EA	10	3,700.00	37,000.00	2,879.00	28,790.00	2,000.00	20,000.00	3,520.00	35,200.00
13.12	Concrete Sidewalks w/ Integral Curb	SF	445	12.00	5,340.00	15.00	6,675.00	9.50	4,227.50	10.50	4,672.50

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ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
13.20	Concrete Driveways	SF	860	10.00	8,600.00	15.00	12,900.00	9.75	8,385.00	11.00	9,460.00
13.21	Concrete Driveways, High Early Strength	SF	860	10.00	8,600.00	16.00	13,760.00	10.00	8,600.00	15.00	12,900.00
15.11	8" Reinforced Concrete Bus Shelter Pad	SF	100	47.00	4,700.00	41.00	4,100.00	10.50	1,050.00	25.00	2,500.00
20.14	18" R.C.P.	LF	642	96.00	61,632.00	92.50	59,385.00	212.75	136,585.50	142.00	91,164.00
20.16	24" R.C.P.	LF	517	113.00	58,421.00	136.00	70,312.00	224.50	116,066.50	157.00	81,169.00
22.10	No. 10 Catch Basin (4' - 8' Deep)	EA	2	5,400.00	10,800.00	3,800.00	7,600.00	5,500.00	11,000.00	3,148.00	6,296.00
22.12	No. 12 Catch Basin (4' - 8' Deep)	EA	6	5,800.00	34,800.00	4,200.00	25,200.00	5,500.00	33,000.00	3,538.00	21,228.00
22.13	No. 42 Catch Basin (0' - 4' Deep) w/ ADA Grate	EA	1	5,800.00	5,800.00	3,250.00	3,250.00	5,800.00	5,800.00	2,900.00	2,900.00
22.15	Area Drain Catch Basin	EA	1	4,900.00	4,900.00	3,250.00	3,250.00	3,500.00	3,500.00	2,900.00	2,900.00
22.16	48" Dia. Curb Inlet Catch Basin (4' - 8' Deep)	EA	2	7,500.00	15,000.00	5,500.00	11,000.00	5,600.00	11,200.00	4,750.00	9,500.00
22.17	72" Dia. Curb Inlet Catch Basin (4' - 8' Deep)	EA	1	8,500.00	8,500.00	10,250.00	10,250.00	7,200.00	7,200.00	6,002.00	6,002.00
22.41	60" Dia. Manhole (4' - 8' Deep)	EA	3	5,300.00	15,900.00	8,500.00	25,500.00	5,400.00	16,200.00	4,300.00	12,900.00
22.42	60" Dia. Manhole (8' - 12' Deep)	EA	1	6,400.00	6,400.00	12,500.00	12,500.00	6,820.00	6,820.00	4,900.00	4,900.00
22.43	Convert Ex. Catch Basin to Manhole	EA	4	2,100.00	8,400.00	2,000.00	8,000.00	4,100.00	16,400.00	2,075.00	8,300.00
26.10	Top Soil	SY	1,550	12.00	18,600.00	7.00	10,850.00	2.50	3,875.00	12.00	18,600.00
28.10	Sodding	SY	1,550	6.00	9,300.00	8.00	12,400.00	7.00	10,850.00	8.00	12,400.00
31.10	Erosion & Sediment Control	LS	1	18,000.00	18,000.00	40,000.00	40,000.00	15,000.00	15,000.00	7,500.00	7,500.00
32.10	Chain Link Fence (To Match Existing)	LF	30	45.00	1,350.00	100.00	3,000.00	15.00	450.00	50.00	1,500.00

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ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
32.30	Chain Link Gates (To Match Existing)	EA	2	1,700.00	3,400.00	2,000.00	4,000.00	300.00	600.00	1,500.00	3,000.00
34.10	Construction Area Traffic Control	LS	1	16,000.00	16,000.00	55,000.00	55,000.00	20,000.00	20,000.00	68,000.00	68,000.00
39.20	Thermoplastic Pavement Marking (Stop Line)	LF	24	28.00	672.00	27.50	660.00	30.00	720.00	32.00	768.00
41.10	Painted Pavement Marking (Line)	LF	1,600	1.00	1,600.00	0.83	1,328.00	1.00	1,600.00	1.00	1,600.00
63.10	Signage	LS	1	8,500.00	8,500.00	1,200.00	1,200.00	1,000.00	1,000.00	2,500.00	2,500.00
70.20	Tactile Warning System, Cast-In-Place	EA	5	725.00	3,625.00	300.00	1,500.00	200.00	1,000.00	160.00	800.00
72.10	Temporary Guying of Utility Poles	EA	1	1,100.00	1,100.00	750.00	750.00	500.00	500.00	1,500.00	1,500.00
CITY OF KNOXVILLE ESTIMATED BRIDGE QUANTITIES											
202-04.01	Removal of Structures (Bridges)	LS	1	10,000.00	10,000.00	21,283.00	21,283.00	10,000.00	10,000.00	4,500.00	4,500.00
204-02.01	Dry Excavation (Bridges)	CY	180	36.00	6,480.00	32.00	5,760.00	65.00	11,700.00	100.00	1,800.00
	Correction									*	18,000.00
204-03.01	Wet Excavation (Bridges)	CY	140	48.00	6,720.00	50.00	7,000.00	100.00	14,000.00	300.00	42,000.00
204-04.01	Rock Excavation (Bridges)	CY	5	150.00	750.00	450.00	2,250.00	250.00	1,250.00	500.00	2,500.00
207-99.91	Earthwork, Subgrade, and Base	LS	1	62,500.00	62,500.00	15,000.00	15,000.00	6,000.00	6,000.00	10,000.00	10,000.00
303-01.02	Granular Backfill (Bridges)	TON	160	42.00	6,720.00	38.00	6,080.00	40.00	6,400.00	40.00	6,400.00
303-10.01	Mineral Aggregate (Size 57)	TON	84	42.00	3,528.00	38.00	3,192.00	45.00	3,780.00	30.00	2,520.00
502-04.02	Load Transfer Dowels	EA	94	130.00	12,220.00	68.00	6,392.00	11.00	1,034.00	20.00	1,880.00
604-02.03	Epoxy Coated Reinforcing Steel	LB	1,600	1.50	2,400.00	2.00	3,200.00	3.50	5,600.00	1.80	2,880.00

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604-03.02	Steel Bar Reinforcement (Bridges)	LB	5,500	1.00	5,500.00	2.00	11,000.00	2.50	13,750.00	1.25	6,875.00
604-03.07	Class A Concrete (Substructure)	CY	45	1,200.00	54,000.00	1,600.00	72,000.00	1,800.00	81,000.00	1,600.00	72,000.00
604-03.09	Class D Concrete (Bridge Sidewalk Slab)	CY	17	340.00	5,780.00	600.00	10,200.00	1,650.00	28,050.00	1,100.00	18,700.00
620-05	Concrete Parapet with Structural Tubing (STD-11-1)	LF	65	320.00	20,800.00	257.00	16,705.00	475.00	30,875.00	300.00	19,500.00
709-05.06	Machined Rip-Rap (Class A-1)	TON	50	55.00	2,750.00	45.00	2,250.00	50.00	2,500.00	75.00	3,750.00
KUB ESTIMATED GAS QUANTITIES											
1000	Mobilization (Limited to Unit Price Bid or 8.25% of Project Bid Total, Whichever is Less)	LS	1	16,000.00	16,000.00	2,000.00	2,000.00	10,000.00	10,000.00	12,545.00	12,545.00
1005h	Erosion Control Plan & Implementation	LS	1	600.00	600.00	3,500.00	3,500.00	2,500.00	2,500.00	6,250.00	6,250.00
1010c	Work Zone Traffic Control & Control Plans	LS	1	2,000.00	2,000.00	10,000.00	10,000.00	2,500.00	2,500.00	14,100.00	14,100.00
1015	Pre-Construction Site Video Recording	LS	1	3,000.00	3,000.00	1,100.00	1,100.00	1,200.00	1,200.00	1,500.00	1,500.00
MDPE Gas Main Installation - Open Cut, exclusive of road boring, includes trench excavation providing no less than required minimum cover up to 8' maximum trench depth, pipe, fittings, bedding, testing and purging as required by Section 15720 (The CONTRACTOR will furnish all gas line materials required for the gas line installation including tracer wire.)											
4000c	6" MDPE gas main, SDR 11.5	LF	775	61.00	47,275.00	65.00	50,375.00	69.50	53,862.50	81.00	62,775.00
4000f	Adder for full clean stone backfill of trench with compaction per Section 02321 for areas in or within 3' of pavement	LF	100	31.00	3,100.00	33.00	3,300.00	36.00	3,600.00	19.00	1,900.00
Tie-ins to Existing Gas Main / New Mains Tie-Ins & Valve Assemblies (complete all labor and installation for tie-ins to existing gas main including the installation of tees, couplings, reducers, valves, valve boxes, other fittings as needed, tracer wire, pressure test, backfill, asphalt/concrete restoration, cleanup/restoration as required by Section 15720).											
4010f	6" Polyethylene Straight Tie-In to 6" Polyethylene Main Per KUB Fig. 15720-z6	EA	4	5,600.00	22,400.00	6,050.00	24,200.00	6,600.00	26,400.00	3,125.00	12,500.00

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Gas Service Reconnection - Short Side Service: The following unit prices will be utilized for the reconnection/interception of existing gas services where the point of connection is on the same side of the road as the gas main including pipe from the main to the property line/back of KUB Easement or edge of pavement/curb, tapping tee, valve, valve box, EFV, couplings, tracer wire, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test and NGUS as required by Section 15345.											
4020a	1/2" IPS Polyethylene Residential Service on Polyethylene Main Per KUB Section 15345	EA	8	1,050.00	8,400.00	1,100.00	8,800.00	1,200.00	9,600.00	1,065.00	8,520.00
Gas Service Reconnection - Long Side Service: The following unit prices will be utilized for the reconnection/interception of existing gas services where the point of connection is on the opposite side of the road as the gas main including the road bore, pipe from the main to the long side property line, tapping tee, valve, valve box, EFV, tracer wire, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test and NGUS as required by Section 15345.											
4025a	1/2" IPS Polyethylene Residential Service on Polyethylene Main Per KUB Section 15345	EA	6	1,800.00	10,800.00	1,870.00	11,220.00	2,040.00	12,240.00	1,700.00	10,200.00
Gas Service Installation - Short Side Service: The following unit prices will be utilized for the installation/full replacement of new or existing services for properties on the same side of the road as the gas main including up to 150' of pipe from the main to the meter location, tapping tee, valve, valve box, EFV, riser, couplings, tracer wire, tracer wire clip, riser protective sleeve, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test and NGUS as required by Section 15345.											
4030a	1/2" IPS Residential Service Line with a 3/4" Riser on Polyethylene Main Per KUB Fig. 15345-a	EA	1	1,800.00	1,800.00	1,870.00	1,870.00	2,000.00	2,000.00	2,200.00	2,200.00
Gas Service Installation - Long Side Service: The following unit prices will be utilized for the installation/full replacement of new or existing gas services for properties on the opposite side of the road as the gas main including the road bore, bore pipe, up to to 150' of pipe from the longside property line to the meter location, tapping tee, valve, valve box, EFV, riser, couplings, tracer wire, tracer wire clip, riser protective sleeve, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test and NGUS as required by Section 15345.											
4035a	1/2" IPS Residential Service Line with a 3/4" Riser on Polyethylene Main Per KUB Fig. 15345-a	EA	1	2,100.00	2,100.00	2,200.00	2,200.00	2,250.00	2,250.00	2,900.00	2,900.00
Condemn Existing Gas Facilities: Condemn gas facilities, to include but not be limited to, the disconnecting, purging and sealing of existing facilities as indicated on the drawings, removal of valve boxes no longer in service and any above ground appurtenances, backfill, asphalt/concrete restoration, & cleanup/restoration.											
4050a	Condemn Existing Gas Facilities	LS	1	7,800.00	7,800.00	8,360.00	8,360.00	9,120.00	9,120.00	6,500.00	6,500.00

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4055f	Gas Main Bore - 6" Road Bore	EA	1	5,600.00	5,600.00	6,050.00	6,050.00	6,600.00	6,600.00	9,400.00	9,400.00
4060c	Creek Crossing - 6" Creek Crossing	LS	1	52,000.00	52,000.00	55,000.00	55,000.00	60,000.00	60,000.00	94,000.00	94,000.00
Temporary Gas Main Bypass: Complete all labor and installation for Bypass including installation of tees, couplings, pipe, backfill, asphalt/concrete restoration, cleanup/restoration, pressure test, NGUS and Bypass condemn once work is complete as required by Section 15720.											
4065a	2" Bypass - Per KUB Fig. 15720-zz	EA	4	680.00	2,720.00	660.00	2,640.00	720.00	2,880.00	3,200.00	12,800.00
6005a	Asphalt Pavement Repair, Base Course + Surface Course	LF	30	50.00	1,500.00	106.00	3,180.00	115.00	3,450.00	100.00	3,000.00
6005b	Pavement Repair, Base Course (Base Course Only)	LF	30	34.00	1,020.00	71.50	2,145.00	72.00	2,160.00	80.00	2,400.00
6005d	Pavement Repair, Pavement Cutback (As Directed by OWNER)	LF	30	34.00	1,020.00	53.50	1,605.00	58.00	1,740.00	125.00	3,750.00
6010a	Asphalt Concrete Driveway	SY	30	110.00	3,300.00	146.50	4,395.00	159.00	4,770.00	125.00	3,750.00
6010b	Portland Cement Concrete Driveway	SY	80	105.00	8,400.00	135.00	10,800.00	75.00	6,000.00	100.00	8,000.00
6010e	Concrete Sidewalk	SY	50	100.00	5,000.00	76.00	3,800.00	72.00	3,600.00	12.00	600.00
6010g	Pipeline Marker Installation (Marker Furnished by Owner)	EA	2	110.00	220.00	110.00	220.00	120.00	240.00	40.00	80.00
6010h	Gravel Driveway	SY	100	22.00	2,200.00	22.00	2,200.00	20.00	2,000.00	15.00	1,500.00
6045	Cleanup Restoration & Closeout	LS	1	4,500.00	4,500.00	4,400.00	4,400.00	4,400.00	4,400.00	5,000.00	5,000.00
8000e	Temporary Guying of Power Pole	EA	1	450.00	450.00	440.00	440.00	500.00	500.00	1,500.00	1,500.00

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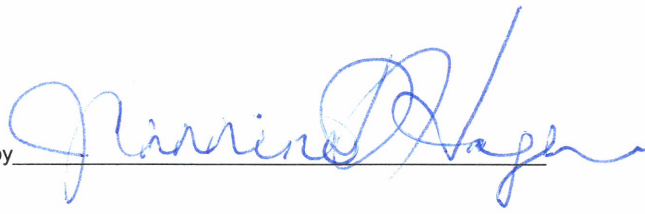
**CITY OF KNOXVILLE
BID SCHEDULE**

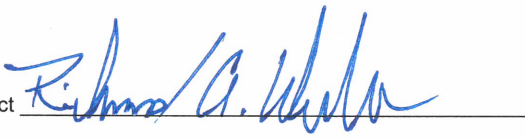
TOTAL OF ALL CITY OF KNOXVILLE ITEMS:

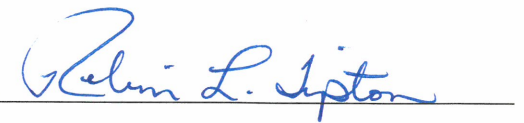
TOTAL OF ALL KUB ITEMS:

TOTAL BID

	Bell & Associates Construction, L.P.	Whaley Construction, LLC	McKinnon Construction Co, LLC	Design & Construction Services, Inc.
	\$ 849,192.50	\$ 919,008.50	\$ 1,029,101.00	\$ 1,002,592.00
	\$ 213,205.00	\$ 223,800.00	\$ 233,612.50	\$ 287,670.00
	\$ 1,062,397.50	\$ 1,142,808.50	\$ 1,262,713.50	\$ 1,290,262.00

Tabulated by 

Certified Correct 

Approved by 

Checked by 

Date 12/23/2019

Date 12/23/19

* Corrected Amount