

**CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING**

**Project: Cumberland Avenue Intersection Improvements
Project No: 19EH-SG-0006**

**Opened in Knoxville, TN
Date: April 17, 2019
Time: 11:00 a.m.**

SUMMARY OF BIDS

**CITY OF KNOXVILLE
BID SCHEDULE**

Southern Constructors, Inc.

**Design & Construction
Services, Inc.**

**Stansell Electric
Company, Inc.**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
3.10	Removal for Concrete Curb Cut and Driveway Cut	EA	14	400.00	5,600.00	625.00	8,750.00	534.00	7,476.00
4.30	Rock Excavation	CY	20	300.00	6,000.00	400.00	8,000.00	401.00	8,020.00
10.10	Asphaltic Concrete Surface, Grading D	TON	200	220.00	44,000.00	225.00	45,000.00	294.00	58,800.00
10.50	Crosswalks - Streetprint XD	SF	6,800	16.40	111,520.00	21.00	142,800.00	19.00	129,200.00
13.10	Curb Cuts	EA	14	900.00	12,600.00	1,627.00	22,778.00	1,202.00	16,828.00
13.20	Concrete Sidewalk	SF	2,310	9.00	20,790.00	10.00	23,100.00	12.00	27,720.00
38.10	Milling or Grinding of Asphalt Streets (Surface Milling)	TON	200	150.00	30,000.00	75.00	15,000.00	200.00	40,000.00
70.20	Tactile Warning System, Cast-In-Place	EA	14	150.00	2,100.00	180.00	2,520.00	200.00	2,800.00
202-03	Removal of Existing Sidewalk	SF	2,110	3.00	6,330.00	4.00	8,440.00	4.00	8,440.00
407-02.14	Asphalt Pavement Repair	SY	11	200.00	2,200.00	110.00	1,210.00	267.00	2,937.00
712.01	Traffic Control	LS	1	70,000.00	70,000.00	10,000.00	10,000.00	168,000.00	168,000.00
713-16.20	Signs (TN-69A Flashing Yellow Sign)	EA	4	280.00	1,120.00	253.46	1,013.84	375.00	1,500.00
713-16.21	Signs (R10-15L or R10-15R)	EA	16	300.00	4,800.00	268.80	4,300.80	410.00	6,560.00
713-16.22	Signs (R3-1)	EA	2	300.00	600.00	268.80	537.60	400.00	800.00
713-16.23	Signs (R3-2)	EA	2	300.00	600.00	268.80	537.60	400.00	800.00
713-16.24	Signs (Street Name Signs)	EA	14	500.00	7,000.00	492.80	6,899.20	670.00	9,380.00
714-03.01	Direct Burial Conduit (2" PVC, Schedule 40)	LF	2,400	16.00	38,400.00	15.72	37,728.00	12.60	30,240.00

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714-05.02	Pull Boxes (Type A)	EA	6	650.00	3,900.00	599.20	3,595.20	652.00	3,912.00
714-06.03	Cable (1/C # 10 AWG)	LF	6,100	1.00	6,100.00	0.95	5,795.00	1.40	8,540.00
714-06.05	Cable (1/C # 6 AWG)	LF	1,620	2.50	4,050.00	2.08	3,369.60	1.80	2,916.00
714-08.09	Light Standards (28' M.H., 6' Arm)	EA	5	6,000.00	30,000.00	6,279.84	31,399.20	6,676.00	33,380.00
714-08.20	Foundation (Only) for Light Standard	EA	5	1,600.00	8,000.00	1,464.96	7,324.80	2,345.00	11,725.00
714-08.31	Removal of Foundation (Only) for Light Standard	EA	4	800.00	3,200.00	728.00	2,912.00	650.00	2,600.00
714-08.34	Removal of Light Standard	EA	4	300.00	1,200.00	296.80	1,187.20	310.00	1,240.00
714-09.09	Luminaires (160W LED)	EA	5	4,800.00	24,000.00	5,064.64	25,323.20	3,830.00	19,150.00
714-09.10	Luminaires (160W LED - Signal Pole Mount)	EA	2	4,700.00	9,400.00	4,869.76	9,739.52	4,560.00	9,120.00
714-12.11	Modify Existing Control Center	EA	1	1,200.00	1,200.00	1,136.80	1,136.80	2,275.00	2,275.00
714-25.01	Electrical Connection	LS	1	1,800.00	1,800.00	1,736.00	1,736.00	5,500.00	5,500.00
717-01	Mobilization of Forces, Supplies, and Equipment (Max \$14,000 + 1% of Contract)	LS	1	27,900.00	27,900.00	23,500.00	23,500.00	30,722.00	30,722.00
725-11.10	Wireless Ethernet Radio	EA	4	2,500.00	10,000.00	2,525.60	10,102.40	2,740.00	10,960.00
730-01.02	Removal of Foundations and Existing Signal System	LS	4	3,000.00	12,000.00	3,041.92	12,167.68	9,800.00	39,200.00
730-02.09	Signal Head Assembly (130 W/Backplate)	EA	28	1,000.00	28,000.00	983.36	27,534.08	900.00	25,200.00
730-02.30	Signal Head Assembly (140A4F w/Backplate)	EA	4	1,200.00	4,800.00	1,220.80	4,883.20	1,070.00	4,280.00
730-03.25	Install Pull Box (17" x 30" x 12")	EA	20	550.00	11,000.00	553.28	11,065.60	545.00	10,900.00

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730-05.01	Electrical Service Connection	EA	4	750.00	3,000.00	756.00	3,024.00	3,950.00	15,800.00
730-08.03	Signal Cable - 7 Conductor	LF	4,232	1.50	6,348.00	1.43	6,051.76	1.40	5,924.80
730-08.05	Signal Cable - 12 Conductor	LF	1,350	2.50	3,375.00	2.33	3,145.50	1.80	2,430.00
730-08.10	Signal Cable - 2 Conductor	LF	2,014	1.50	3,021.00	1.16	2,336.24	1.80	3,625.20
730-08.11	Signal Cable - 4 Conductor	LF	2,604	1.50	3,906.00	1.52	3,958.08	1.10	2,864.40
730-12.02	Conduit 2" Diameter (PVC)	LF	215	8.00	1,720.00	6.82	1,466.30	5.90	1,268.50
730-12.03	Conduit 3" Diameter (PVC)	LF	453	12.00	5,436.00	11.56	5,236.68	6.80	3,080.40
730-12.14	Conduit 3" Diameter (Jack and Bore)	LF	2,299	30.00	68,970.00	46.63	107,202.37	28.20	64,831.80
730-12.20	Decorative Traffic Signal Bases	EA	11	1,200.00	13,200.00	1,221.92	13,441.12	1,000.00	11,000.00
730-12.30	Trenching	LF	100	7.00	700.00	5.71	571.00	26.40	2,640.00
730-13.02	Vehicle Detection (Video)	LS	4	32,000.00	128,000.00	34,307.84	137,231.36	38,300.00	153,200.00
730-13.07	Vehicle Detection (Siren Activated Priority Control)	LS	4	12,000.00	48,000.00	12,210.24	48,840.96	17,300.00	69,200.00
730-15.09	Cabinet (16 Phase Base Mounted w/Battery Backup)	EA	4	42,000.00	168,000.00	44,574.88	178,299.52	44,260.00	177,040.00
730-23.31	Pedestal Pole (Type B, 10 FT)	EA	11	1,500.00	16,500.00	1,478.40	16,262.40	700.00	7,700.00
730-23.62	Cantilever Signal Support (2 Arms @ 25'/40')	EA	1	21,000.00	21,000.00	22,159.20	22,159.20	15,700.00	15,700.00
730-23.64	Cantilever Signal Support (1 Arm @ 30')	EA	1	17,000.00	17,000.00	17,480.96	17,480.96	11,400.00	11,400.00
730-23.79	Cantilever Signal Support (1 Arm @ 35')	EA	1	17,500.00	17,500.00	18,016.32	18,016.32	11,150.00	11,150.00

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730-23.80	Cantilever Signal Support (1 Arm @ 40')	EA	3	18,000.00	54,000.00	18,299.68	54,899.04	10,732.00	32,196.00
730-23.88	Cantilever Signal Support (1 Arm @ 45')	EA	1	19,000.00	19,000.00	20,040.16	20,040.16	12,020.00	12,020.00
730-24.01	Foundation (Signal Support)	EA	11	8,000.00	88,000.00	8,240.96	90,650.56	9,510.00	104,610.00
730-24.02	Foundation (Traffic Signal Controller)	EA	3	1,500.00	4,500.00	1,429.12	4,287.36	3,050.00	9,150.00
730-24.07	Foundation (Pedestal Pole)	EA	14	1,100.00	15,400.00	1,051.68	14,723.52	1,520.00	21,280.00
730-24.95	Cantilever Signal Support (2 Arms @ 45'/45')	EA	1	22,000.00	22,000.00	23,212.00	23,212.00	17,180.00	17,180.00
730-24.96	Cantilever Signal Support (1 Arm @ 55')	EA	1	22,200.00	22,200.00	23,470.72	23,470.72	16,190.00	16,190.00
730-24.97	Cantilever Signal Support (1 Arm @ 65')	EA	1	26,500.00	26,500.00	28,499.52	28,499.52	21,280.00	21,280.00
730-24.99	Cantilever Signal Support (2 Arms @ 50'/60')	EA	1	28,000.00	28,000.00	30,257.92	30,257.92	25,065.00	25,065.00
730-26.06	Pedestrian Pushbutton Post	EA	3	1,400.00	4,200.00	1,372.00	4,116.00	670.00	2,010.00
730-26.11	Countdown Ped Signal Head w/Audible Push Button & R10-3 Sign	EA	26	1,500.00	39,000.00	1,519.84	39,515.84	2,244.00	58,344.00

TOTAL BID


\$ 1,398,686.00

\$ 1,439,782.93

\$ 1,619,301.10

Tabulated by 

Certified Correct 

Approved by 

Checked by 

Date 04/17/19

Date 4/17/19