



Project Name	Utility Replacement Along North 26th Avenue (Phase 1)
Project Number	16-5133
Bid Number	F-4708-22-OT
Date	2/18/2022
City	Hollywood, FL

				GPE Engineering and General Contractor Corp.		Man-Con, Inc.		Comtech Engineering, Inc.	
Bid Item No.	Description	Qty	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total
Water Main Construction Costs									
1	Fire Hydrant Assemblies and Connections	10	EA	\$ 8,178.03	\$ 81,780.30	\$ 17,024.00	\$ 170,240.00	\$ 8,500.00	\$ 85,000.00
2	Fire Hydrant Removal and Delivery to CITY Property	10	EA	\$ 1,364.87	\$ 13,648.70	\$ 3,438.00	\$ 34,380.00	\$ 1,300.00	\$ 13,000.00
3	PVC C-900/C-905 Water Mains and D.I. Fittings								
a	4" Diameter Piping (within city roads)	50	LF	\$ 52.64	\$ 2,632.00	\$ 141.10	\$ 7,055.00	\$ 95.00	\$ 4,750.00
b	6" Diameter Piping (within city roads)	1,800	LF	\$ 61.18	\$ 110,124.00	\$ 97.90	\$ 176,220.00	\$ 68.00	\$ 122,400.00
c	8" Diameter Piping (within city roads)	120	LF	\$ 81.45	\$ 9,774.00	\$ 122.10	\$ 14,652.00	\$ 331.00	\$ 39,720.00
d	4" Diameter Piping (within FDOT roads)	3,900	LF	\$ 103.03	\$ 401,817.00	\$ 146.10	\$ 569,790.00	\$ 184.00	\$ 717,600.00
4	8" D.I. Water Main (Taft Street)	70	LF	\$ 183.35	\$ 12,834.50	\$ 190.10	\$ 13,307.00	\$ 140.00	\$ 9,800.00
5	D.I. Reducers								
a	8" x 4" Diameter	1	EA	\$ 804.57	\$ 804.57	\$ 726.00	\$ 726.00	\$ 630.00	\$ 630.00
b	8" x 6" Diameter	6	EA	\$ 907.85	\$ 5,447.10	\$ 805.00	\$ 4,830.00	\$ 762.00	\$ 4,572.00
6	D.I. Tees								
a	8" x 4" Diameter	8	EA	\$ 1,320.45	\$ 10,563.60	\$ 1,127.00	\$ 9,016.00	\$ 1,075.00	\$ 8,600.00
b	8" x 6" Diameter	3	EA	\$ 1,435.07	\$ 4,305.21	\$ 1,277.00	\$ 3,831.00	\$ 1,150.00	\$ 3,450.00
c	8" x 8" Diameter	4	EA	\$ 1,553.90	\$ 6,215.60	\$ 1,292.00	\$ 5,168.00	\$ 1,320.00	\$ 5,280.00
7	8"x8" D.I. Crosses	1	EA	\$ 2,094.46	\$ 2,094.46	\$ 1,780.00	\$ 1,780.00	\$ 1,800.00	\$ 1,800.00
8	D.I. Bends								
a	4-inch 45° Bends	17	EA	\$ 730.29	\$ 12,414.93	\$ 1,920.00	\$ 32,640.00	\$ 480.00	\$ 8,160.00
b	6-inch 45° Bends	19	EA	\$ 629.49	\$ 11,960.31	\$ 2,433.00	\$ 46,227.00	\$ 640.00	\$ 12,160.00
c	8-inch 45° Bends	34	EA	\$ 1,308.21	\$ 44,479.14	\$ 2,334.00	\$ 79,356.00	\$ 804.00	\$ 27,336.00
d	2-inch 11.25° Bends	2	EA	\$ 317.71	\$ 635.42	\$ 2,406.00	\$ 4,812.00	\$ 204.00	\$ 408.00
e	4-inch 90° Bends	1	EA	\$ 547.15	\$ 547.15	\$ 1,965.00	\$ 1,965.00	\$ 480.00	\$ 480.00
9	D.I. Gate Valves								
a	4-inch Diameter	8	EA	\$ 1,604.80	\$ 12,838.40	\$ 2,012.00	\$ 16,096.00	\$ 1,200.00	\$ 9,600.00
b	6-inch Diameter	4	EA	\$ 1,912.58	\$ 7,650.32	\$ 2,458.00	\$ 9,832.00	\$ 1,512.00	\$ 6,048.00
c	8-inch Diameter	10	EA	\$ 2,507.17	\$ 25,071.70	\$ 2,870.00	\$ 28,700.00	\$ 2,100.00	\$ 21,000.00
10	Transition Coupling								
a	8" Transition Coupling	1	EA	\$ 737.41	\$ 737.41	\$ 9,110.00	\$ 9,110.00	\$ 480.00	\$ 480.00
b	6" Transition Coupling	10	EA	\$ 667.46	\$ 6,674.60	\$ 9,210.00	\$ 92,100.00	\$ 390.00	\$ 3,900.00
11	Flexible Connection to Existing 2-inch WM	9	EA	\$ 1,064.95	\$ 9,584.55	\$ 2,857.00	\$ 25,713.00	\$ 2,200.00	\$ 19,800.00
12	Cutting, Capping, and Abandonment of Existing 2-inch Water Mains	1	LS	\$ 36,026.84	\$ 36,026.84	\$ 11,411.00	\$ 11,411.00	\$ 4,500.00	\$ 4,500.00
13	Cutting, Grouting, and Abandonment of Existing 4-inch, 6-inch, and 8-inch Water Mains	1	LS	\$ 48,187.17	\$ 48,187.17	\$ 46,140.00	\$ 46,140.00	\$ 13,200.00	\$ 13,200.00
Water Main Construction Sub-Total					\$ 878,848.98	\$ 1,415,097.00	\$ 1,143,674.00		
Water Meter and Water Service Construction Costs									
14	Water Service Lines From New Water Main To Existing Water Meters								
a	1-inch Diameter	42	EA	\$ 1,521.23	\$ 63,891.66	\$ 2,529.00	\$ 106,218.00	\$ 3,700.00	\$ 155,400.00
b	2-inch Diameter	5	EA	\$ 3,063.36	\$ 15,316.80	\$ 4,910.00	\$ 24,550.00	\$ 4,900.00	\$ 24,500.00
Water Meter and Water Service Construction Sub-Total					\$ 79,208.46	\$ 130,768.00	\$ 179,900.00		
Storm Drainage Construction Costs									
15	4' Dia. Drainage Manhole w/USF 420 Ring and C Cover 4' - 6' depth	2	EA	\$ 4,202.25	\$ 8,404.50	\$ 5,668.00	\$ 11,336.00	\$ 7,600.00	\$ 15,200.00
16	4' Dia. Drainage Manhole w/USF 420 Ring and C Cover 6' - 8' depth	5	EA	\$ 4,713.56	\$ 23,567.80	\$ 9,992.00	\$ 49,960.00	\$ 8,018.00	\$ 40,090.00
17	4' Dia. Drainage Manhole w/USF 420 Ring and C Cover 8' - 10' depth	2	EA	\$ 6,166.31	\$ 12,332.62	\$ 11,685.00	\$ 23,370.00	\$ 8,900.00	\$ 17,800.00
18	5' Dia. Drainage Manhole w/USF 420 Ring and C Cover 4' - 6' depth	1	EA	\$ 5,003.41	\$ 5,003.41	\$ 6,436.00	\$ 6,436.00	\$ 9,072.00	\$ 9,072.00
19	5' Dia. Drainage Manhole w/USF 420 Ring and C Cover 8' - 10' depth	8	EA	\$ 6,484.41	\$ 51,875.28	\$ 12,334.00	\$ 98,672.00	\$ 9,800.00	\$ 78,400.00

20	FDOT Type "C" Catch Basin w/Cast iron Grate (Index 443-002)	13	EA	\$ 3,684.81	\$ 47,902.53	\$ 5,008.00	\$ 65,104.00	\$ 6,500.00	\$ 84,500.00
21	4' Dia. Catch Basin w/USF 4180-6172	2	EA	\$ 4,274.27	\$ 8,548.54	\$ 6,754.00	\$ 13,508.00	\$ 5,900.00	\$ 11,800.00
22	Replace Exist. Struct. EX-01 with 5' Dia. Cath Basin w/4122-6172 Frame-Grate, including reconections	1	EA	\$ 4,935.46	\$ 4,935.46	\$ 11,558.00	\$ 11,558.00	\$ 11,100.00	\$ 11,100.00
23	Skimmer (PRB) (FDOT Index 443-002)	19	EA	\$ 387.72	\$ 7,366.68	\$ 2,606.00	\$ 49,514.00	\$ 1,300.00	\$ 24,700.00
24	6" In-Line Storm Drainage Check Valve (Procured by COH)	1	EA	\$ 896.10	\$ 896.10	\$ 3,693.00	\$ 3,693.00	\$ 500.00	\$ 500.00
25	12" In-Line Storm Drainage Check Valve (Procured by COH)	1	EA	\$ 896.10	\$ 896.10	\$ 4,683.00	\$ 4,683.00	\$ 750.00	\$ 750.00
26	24" In-Line Storm Drainage Check Valve (Procured by COH)	1	EA	\$ 1,493.50	\$ 1,493.50	\$ 6,528.00	\$ 6,528.00	\$ 1,200.00	\$ 1,200.00
27	6" Solid Corrugated Drainage Pipe and Couplings/Connectors	30	LF	\$ 67.40	\$ 2,022.00	\$ 108.00	\$ 3,240.00	\$ 90.00	\$ 2,700.00
28	12" Solid Corrugated Drainage Pipe and Couplings/Connectors	50	LF	\$ 79.23	\$ 3,961.50	\$ 124.00	\$ 6,200.00	\$ 140.00	\$ 7,000.00
29	15" Solid Corrugated Drainage Pipe and Couplings/Connectors	290	LF	\$ 85.92	\$ 24,916.80	\$ 128.00	\$ 37,120.00	\$ 285.00	\$ 82,650.00
30	18" Solid Corrugated Drainage Pipe and Couplings/Connectors	920	LF	\$ 93.43	\$ 85,955.60	\$ 120.00	\$ 110,400.00	\$ 315.00	\$ 289,800.00
31	French Drain, including 18" Perforated Corrugated PVC Pipe and Couplings as Shown on Drawings	2,221	LF	\$ 202.19	\$ 449,063.99	\$ 214.00	\$ 475,294.00	\$ 285.00	\$ 632,985.00
32	Cut Exist. 24" Storm Sewer and Reconnect to Prop. Manhole SD-01 w/24" Solid Corrugated PVC and Couplings as Needed (Manhole SD-01 paid under separate pay item)	1	LS	\$ 5,923.08	\$ 5,923.08	\$ 5,985.00	\$ 5,985.00	\$ 6,100.00	\$ 6,100.00
33	Cut Exist. 15" Storm Sewer and Reconnect to Prop. Manhole SD-02 w/15" Solid Corrugated PVC and Couplings as Needed (Manhole SD-02 paid under separate pay item)	1	LS	\$ 4,588.64	\$ 4,588.64	\$ 3,706.00	\$ 3,706.00	\$ 5,900.00	\$ 5,900.00
34	Core-drill Wall of Exist. Structure to Prepare for Connection of 12" Solid Corrugated PVC (EX-06 and EX-07)	2	EA	\$ 830.73	\$ 1,661.46	\$ 3,798.00	\$ 7,596.00	\$ 1,500.00	\$ 3,000.00
35	Core-drill Wall of Exist. Structure to Prepare for Connection of 15" Solid Corrugated PVC (EX-02 and EX-03)	2	EA	\$ 830.73	\$ 1,661.46	\$ 3,967.00	\$ 7,934.00	\$ 1,500.00	\$ 3,000.00
36	Core-drill Wall of Exist. Structure to Prepare for Connection of 18" Solid Corrugated PVC (EX-05)	2	EA	\$ 830.73	\$ 1,661.46	\$ 4,895.00	\$ 9,790.00	\$ 1,500.00	\$ 3,000.00
37	Remove Exist. 6" Storm Sewer Connected to South Invert of Exist. Structure EX-09, Mortar-seal Exist. Pipe Opening, and Core-drill South Wall to prepare for Connection of Prop. 6" Solid Corrugated PVC at Invert Shown on Drawings	1	LS	\$ 915.71	\$ 915.71	\$ 2,865.00	\$ 2,865.00	\$ 3,900.00	\$ 3,900.00
38	Remove Exist. 6" Storm Sewer Connected to South Invert of Exist. Structure EX-08, to Prepare for Connection of Prop. 6" Solid Corrugated PVC at Same Invert	1	LS	\$ 915.71	\$ 915.71	\$ 2,865.00	\$ 2,865.00	\$ 4,100.00	\$ 4,100.00
Storm Drainage Construction Sub-Total					\$ 756,469.93		\$ 1,017,357.00		\$ 1,339,247.00
Storm Drainage Allowance Items									
39	Replace Exist. Struct. with FDOT Type C Catch Basin w/Cast Iron Grate per FDOT Index 425-052. Reconnect to Exist. Pipe of Varying Diameters w/Prop. Solid Corrugated PVC Pipe and Couplings as Needed (EX-02, EX-07 and EX-09)	3	EA	\$ 3,944.26	\$ 11,832.78	\$ 6,443.00	\$ 19,329.00	\$ 20,000.00	\$ 60,000.00
40	Replace Exist. Struct. w/4' Dia. Catch Basin 4' - 6' deep w/USF Frame-Grate 4122-6172 or 4180-6172. Cut Exist. Pipe and Reconnect w/New Pipe and Couplings as Needed. (EX-03 and EX-04)	2	EA	\$ 4,274.27	\$ 8,548.54	\$ 7,253.00	\$ 14,506.00	\$ 15,000.00	\$ 30,000.00
41	Replace Exist. Struct. w/5' Dia. Catch Basin 4' - 6' deep w/USF Frame-Grate 4122-6172 or 4180-6172. Cut Exist. Pipe and Reconnect w/New Pipe and Couplings as Needed. (EX-05 and EX-06)	2	EA	\$ 4,596.33	\$ 9,192.66	\$ 7,729.00	\$ 15,458.00	\$ 29,000.00	\$ 58,000.00
42	Replace Exist. 24-inch Storm Sewer w/24-inch Solid Corrugated PVC Pipe and Couplings adjacent to SD-01	1	LS	\$ 12,089.57	\$ 12,089.57	\$ 4,854.00	\$ 4,854.00	\$ 21,000.00	\$ 21,000.00
43	Remove Section of Existing 6" Storm Sewer Connected to North Invert of Struct. EX-09 and Replace with 6" Solid Corrugated PVC Pipe and Couplings to Accommodate In-line Check Valve Installation	1	LS	\$ 2,546.52	\$ 2,546.52	\$ 4,449.00	\$ 4,449.00	\$ 13,900.00	\$ 13,900.00
44	Remove Section of Existing 12" Storm Sewer Connected to North Invert of Struct. EX-04 and Replace with 12" Solid Corrugated PVC Pipe and Couplings to Accommodate In-line Check Valve Installation	1	LS	\$ 3,251.79	\$ 3,251.79	\$ 4,516.00	\$ 4,516.00	\$ 16,600.00	\$ 16,600.00
45	Remove Section of Existing 24" Storm Sewer Connected to North Invert of Struct. EX-01 and Replace with 24" Solid Corrugated PVC Pipe and Couplings to Accommodate In-line Check Valve Installation	1	LS	\$ 6,166.49	\$ 6,166.49	\$ 4,854.00	\$ 4,854.00	\$ 18,800.00	\$ 18,800.00
46	Relocate 30± LF of Exist. 6" CI/DI Watermain Pipe and Fittings as Shown on Drawings to Accommodate Prop. Drainage Installation Btw. STA 49+81 and 50+09 of Sherman St.	1	LS	\$ 8,547.68	\$ 8,547.68	\$ 16,434.00	\$ 16,434.00	\$ 14,000.00	\$ 14,000.00
47	Furnish and Install Sleeves for Proposed Service Lines and Existing Service Lines to Remain 2 inch Diameter and Smaller that Cross Proposed French Drain in Accordance with Detail on Sheet SD-206 and FDOT Specifications.	45	EA	\$ 683.45	\$ 30,755.25	\$ 1,572.00	\$ 70,740.00	\$ 380.00	\$ 17,100.00

48	Furnish and Install Sleeves for Proposed Service Lines and Existing Service Lines to Remain Larger than 2-inch Diameter that Cross Proposed French Drain in Accordance with Detail on Sheet SD-206 and FDOT Specifications.	45	EA	\$ 1,903.75	\$ 85,668.75	\$ 10.00	\$ 450.00	\$ 1,328.00	\$ 59,760.00
49	Adjust Proposed Drainage Structure Tops due to Unforeseen Field Conditions in Accordance with FDOT Standard Index 425-001 as Modified on Sheet SD-206.	25	EA	\$ 905.21	\$ 22,630.25	\$ 30.00	\$ 750.00	\$ 900.00	\$ 22,500.00
Storm Drain Allowance Sub-Total					\$ 201,230.28		\$ 156,340.00		\$ 331,660.00
City Roads Restoration Construction Costs									
50	Milling of Asphaltic Course to 1-inch Nominal Thickness within Liberty, Thomas, and Sherman Streets' ROW	5,900	SY	\$ 3.27	\$ 19,293.00	\$ 4.00	\$ 23,600.00	\$ 3.50	\$ 20,650.00
51	2-inch Thick (SP9.5) Asphaltic Concrete Structural Course for Trench Restoration within City ROW (all impacted streets)	9,400	LF	\$ 16.20	\$ 152,280.00	\$ 45.60	\$ 428,640.00	\$ 26.00	\$ 244,400.00
52	Roadway Patches for Large Damaged Areas (2" Asphalt)	600	SY	\$ 16.20	\$ 9,720.00	\$ 44.33	\$ 26,598.00	\$ 45.00	\$ 27,000.00
53	Resurfacing of Side Streets	5,900	SY	\$ 16.03	\$ 94,577.00	\$ 11.15	\$ 65,785.00	\$ 14.00	\$ 82,600.00
54	Existing Concrete Pavement, Brick Pavers and/or other specialty paving removed during re-routing of water services within private properties	100	SY	\$ 45.00	\$ 4,500.00	\$ 163.00	\$ 16,300.00	\$ 250.00	\$ 25,000.00
55	Temporary Striping for N 26th Avenue and Side Streets Except Liberty, Sherman, and Thomas	1	LS	\$ 37,500.00	\$ 37,500.00	\$ 9,253.00	\$ 9,253.00	\$ 9,500.00	\$ 9,500.00
56	Protective Concrete Slab over DI Piping on Taft Street	1	LS	\$ 4,542.88	\$ 4,542.88	\$ 11,270.00	\$ 11,270.00	\$ 13,000.00	\$ 13,000.00
57	Speed Humps	1	EA	\$ 4,576.22	\$ 4,576.22	\$ 6,075.00	\$ 6,075.00	\$ 2,500.00	\$ 2,500.00
City Roads Restoration Construction Sub-Total					\$ 326,989.10		\$ 587,521.00		\$ 424,650.00
General Items									
58	Mobilization / Gen. Requirements	1	LS	\$ 61,245.00	\$ 61,245.00	\$ 88,500.00	\$ 88,500.00	\$ 102,573.00	\$ 102,573.00
59	Demobilization / Gen. Requirements	1	LS	\$ 40,830.28	\$ 40,830.28	\$ 58,900.00	\$ 58,900.00	\$ 68,382.00	\$ 68,382.00
60	Consideration for Indemnification	1	LS	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00
61	Maintenance of Traffic, Including Design and Permitting	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
62	Permit, Licenses, Fees, and Materials Testing Allowance	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
General Sub-Total					\$ 252,085.28		\$ 297,410.00		\$ 320,965.00
Miscellaneous Items									
63	Miscellaneous Work Allowance/Contingency	1	LS	\$ 433,000.00	\$ 433,000.00	\$ 433,000.00	\$ 433,000.00	\$ 433,000.00	\$ 433,000.00
64	Unforeseen Utility Locates or Break Repair (besides water main work)	60	HR	\$ 250.00	\$ 15,000.00	\$ 954.00	\$ 57,240.00	\$ 900.00	\$ 54,000.00
Miscellaneous Sub-Total					\$ 448,000.00		\$ 490,240.00		\$ 487,000.00
Base Bid Total for Complete Project					\$ 2,942,832.03		\$ 4,094,733.00		\$ 4,227,096.00