

MFR-6: COST TO SERVE JACKSON

Atlanta Gas Light
Estimate Detail
Project: 156 WILFORD ASH SR PKY (White County)
Date: 07/09/2024

Item No.	Element	Quantity	Unit	Rate \$	Total \$
1	Land	\$7,500			
1.1	Land Cost	\$0			
1.11	Temporary Workspace	0.00	acre	0.00	0
1.2	Acquisition Labor & Expenses	\$7,500			
1.21	ROW allowance, including survey, staking & land agent	1	sum	\$ 7,500.00	\$ 7,500.00
2	Outside Services	\$0			
2.1	NDE Contractor	\$0			
2.11		0	sum	0.00	0
2.2	Environmental	\$0			
2.22		0	sum	0.00	0
2.3	Engineering Design	\$0			
2.32		0	sum	0.00	0
2.4	Program Management	\$0			
2.41		0	sum	0.00	0
2.5	Land Management	\$0			
2.51		0	sum	0.00	0
2.6	Public Relations	\$0			
2.61		0	sum	0.00	0
2.7	Materials Procurement	\$0			
2.71		0	sum	0.00	0
2.8	Legal Cost	\$0			
2.81		0	sum	0.00	0

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2.9	Construction Supervision	\$0			
2.91		0	sum	0.00	0
2.10	Taps and Stops	\$0			
3	Materials, including freight and tax	\$10,038			
3.1	Pipe	\$5,797			
3.12	4" Plastic Pipe	1,175	If	\$ 4.40	\$ 5,170.00
3.13	1-1/4" Plastic Pipe	205	If	\$ 3.06	\$ 627.30
3.2	Valves & Actuators	\$0			
3.21	Included in 3.1		ea	\$ -	\$ -
3.3	Fittings	\$0			
3.31	Other fittings Included in 3.1		ea	\$ -	\$ -
3.4	Miscellaneous Materials	\$4,241			
3.41	Included in 3.1		ea	\$ -	\$ -
3.42	Meter Set Equipment	1	ea	\$ 4,240.77	\$ 4,240.77
4	Construction	\$80,446			
4.1	Permitting	\$9,750			
4.11	Local Permitting & Traffic Control	1	sum	\$ 9,750	\$ 9,750
4.2	Construction	\$70,696			
4.22	4" Platic Pipe installation	1,175.00	If	\$ 53.16	\$ 62,463.00
4.26	1-1/4" Plastic Pipe installation	205.00	If	\$ 40.16	\$ 8,232.80
4.3	HDD	\$0			
4.31		\$ -	ea	\$ -	\$ -
	subtotal	97,984			
5	Contingency	9,798			
5.1	General Contingency 10%				\$ 9,798.39
6	Escalation	0			
6.1					
7	Labor	3,750			
7.1	Direct Internal Labor				\$ 3,750.00

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8	Finance Cost	5,703			
8.1	AFUDC				\$ 5,702.66
Total					120,000

Atlanta Gas Light
Estimate Detail
Project: Cherokee High School
Date: 06/28/2024

Item No.	Element	Quantity	Unit	Rate \$	Total \$
1	Land	\$ 7,500.00			
1.1	Land Cost	\$0			
1.11	Temporary Workspace	0.00	acre	\$ -	\$ -
1.2	Acquisition Labor & Expenses	\$7,500			
1.21	ROW allowance, including survey, staking & land agent	1	sum	\$ 7,500.00	\$ 7,500.00
2	Outside Services	\$0			
2.1	NDE Contractor	\$0			
2.11		0	sum	\$ -	\$ -
2.2	Environmental	\$0			
2.22		0	sum	\$ -	\$ -
2.3	Engineering Design	\$0			
2.32		0	sum	\$ -	\$ -
2.4	Program Management	\$0			
2.41		0	sum	\$ -	\$ -
2.5	Land Management	\$0			
2.51		0	sum	\$ -	\$ -
2.6	Public Relations	\$0			
2.61		0	sum	\$ -	\$ -
2.7	Materials Procurement	\$0			
2.71		0	sum	\$ -	\$ -
2.8	Legal Cost	\$0			
2.81		0	sum	\$ -	\$ -
2.9	Construction Supervision	\$0			
2.91		0	sum	\$ -	\$ -
2.10	Taps and Stops	\$0			
3	Materials, including freight and tax	\$ 87,574.85			
3.1	Pipe	\$ 21,933.35			
3.12	6" Plastic Pipe	700	lf	\$ 20.00	\$ 14,000.00
3.13	4" Plastic Pipe	495	lf	\$ 8.66	\$ 4,286.70
3.14	2" Plastic Pipe	2,275	lf	\$ 1.47	\$ 3,344.25
3.15	1-1/4" Plastic Pipe	315	lf	\$ 0.96	\$ 302.40
3.2	Valves & Actuators	\$0			
3.21	Included in 3.1		ea	\$ -	\$ -
3.3	Fittings	\$0			
3.31	Other fittings Included in 3.1		ea	\$ -	\$ -

3.4	Miscellaneous Materials	\$65,642			
3.41	Included in 3.1		ea	\$ -	\$ -
3.42	Meter Set Equipment	1	ea	\$ 65,641.50	\$ 65,641.50
4	Construction	\$338,662			
4.1	Permitting	\$9,750			
4.11	Local Permitting & Traffic Control	1	sum	\$ 9,750	\$ 9,750
4.2	Construction	\$ 328,911.50			
4.21	6" Platic Pipe installation	700.00	lf	\$ 133.76	\$ 93,632.00
4.22	4" Platic Pipe installation	495.00	lf	\$ 100.10	\$ 49,549.50
4.23	4" Plastic Pipe abandon	1.00	ea	\$ 12,446.85	\$ 12,446.85
4.24	2" Platic Pipe installation	2,275.00	lf	\$ 65.70	\$ 149,467.50
4.25	2" Plastic Pipe abandon	1.00	ea	\$ 9,574.50	\$ 9,574.50
4.26	1-1/4" Plastic Pipe installation	315.00	lf	\$ 45.21	\$ 14,241.15
4.3	HDD	\$0			
4.31	subtotal	\$ -	ea	\$ -	\$ -
		433,736			
5	Contingency	43,374			
5.1	General Contingency 10%				\$ 43,373.64
6	Escalation	0			
6.1				\$ -	\$ -
7	Labor	3,700			
7.1	Direct Internal Labor				\$ 3,700.00
8	Finance Cost	16,926			
8.1	AFUDC				\$ 16,926.00
Total					500,000

**Atlanta Gas Light**

Summary: **Install 1,500' x 6" MHP PLS Main and 2,000' x 2" MHP PLS Service (14.2 MCFH)**
Project Name: **Richmond Hill High School USF**
Date: **8/9/2024**

Category	Description	Quantity	Unit	Rate	Total
1	Land	\$ 10,000			
1.1	Land Cost	\$ -			
1.11	Permanent Easement		sum		\$ -
1.12	Temporary Workspace		sum		\$ -
1.13	Tap Station or Regulator Station--See Below in Materials		sum		
1.14	Right-of Way Damage & Settlements		sum		
1.15			sum		
1.2	Acquisition Labor & Expenses	\$ 10,000			
1.21	ROW allowance, including survey, staking & land agent, historical areas/canals/museum	\$ 1	sum	\$ 10,000	\$ 10,000
1.22	Condemnation Legal allowance		ea		\$ -
1.23	Land Research allowance		sum		\$ -
2	Consultants	\$ 30,000			
2.1	NDE Contractor	\$ -			
2.11	NDE (X-ray) and other field inspectors		sum		
2.2	Environmental	\$ 15,000			
2.21	Environmental Services - Before Construction	\$ 1	sum	\$ 2,500	\$ 2,500
2.22	Environmental Services - During Construction	\$ 1	sum	\$ 10,000	\$ 10,000
2.23	Environmental Services - Post Construction	\$ 1	sum	\$ 2,500	\$ 2,500
2.3	Engineering Design	\$ -			
2.31	Detailed Engineering		sum		\$ -
2.32					
2.33					
2.4	Program Management	\$ -			
2.41	Detailed Engineering		sum		
2.5	Land Management	\$ -			
2.51	Detailed Engineering		sum		
2.6	Public Relations	\$ -			
2.61	Detailed Engineering		sum	\$ -	\$ -
2.7	Materials Procurement	\$ -			
2.71	Detailed Engineering	\$ -	sum	\$ -	\$ -
2.8	Legal Cost	\$ -			
2.81	Detailed Engineering	\$ -	sum	\$ -	\$ -
2.9	Construction Supervision	\$ 15,000			
2.91		\$ 1	sum	\$ 15,000	\$ 15,000
2.10	Taps and Stops	\$ -			
2.11			ea		
2.12					
2.13					
3	Materials, including freight and tax	\$ 50,000			
3.1	Pipe	\$ 50,000			
3.11	6" Plastic	1500	lf	\$ 20.00	\$ 30,000
3.12	2" Plastic	2000	lf	\$ 10.00	\$ 20,000
3.13					
3.14					
3.2	Valves & Actuators	\$ -			
3.21	Included in 3.11	\$ -	ea		\$ -
3.22					
3.3	Fittings	\$ -			
3.32	Included in 3.11	\$ -	sum	\$ -	\$ -
3.33					
3.4	Miscellaneous Materials	\$ -			
3.41	Included in 3.11	\$ -	ea	\$ -	\$ -
3.42					
3.43					
3.45					
4	Construction	\$ 205,000			
4.1	Permitting	\$ 5,000			
4.11	Construction Permits, no rail crossings	1	sum	\$ 5,000	\$ 5,000

4.2	Construction	\$ 125,000			
4.21	Install 6" Line, open cut method	1000	If	\$ 80	\$ 80,000
4.22	Install 2" Line, open cut method	1500	If	\$ 30	\$ 45,000
4.23					
4.23					
4.24					
4.25					
4.3	HDD	\$ 75,000			
4.31	Install 6" Line, HDD method (assume 20%)	500	If	\$ 100	\$ 50,000
4.32	Install 2" Line, HDD method (assume 20%)	500	If	\$ 50	\$ 25,000
	subtotal	295,000			
5	Contingency	\$ -			
5.1	Contingency (20%) - shown on Cost Summary tab	0	Sum	\$ -	\$ -
5.2					
6	Escalation	\$ 2,950			
6.1	Escalation allowance	1	Sum	\$ 2,950	\$ 2,950
7	Labor	\$ 25,872			
7.1	Direct Internal Labor	1	Sum	\$ 5,753	\$ 5,753
7.2	Allocated Internal Labor	1	Sum	\$ 20,119	\$ 20,119
8	Finance Cost	\$ 11,446			
8.1	Overhead/AFUDC	1	Sum	\$ 11,446	\$ 11,446
Total				\$	335,268

MFR-6: Cost to Serve

Line	Type	Project	Footage Size/Type	Estimated Engineering Costs	Income Tax Gross-Up	Financing Cost Gross-Up	Cost to Serve
1	Commercial	White	1,175' x 4" PLS 205' x 1-1/4" PLS	\$ 120,000	\$ 18,385	\$ 689	\$ 139,074
2	Commercial	Cherokee	700' x 6" PLS 730' x 4" PLS 2,275' x 2" PLS 315' x 1-1/4" PLS	\$ 500,000	\$ 76,605	\$ 2,870	\$ 579,475
3	Commercial	Chatham	1,500' x 6" PLS 2,000' x 2" PLS	\$ 335,268	\$ 51,366	\$ 1,924	\$ 388,558
4							
5							
Total:				\$ 955,268	\$ 146,357	\$ 5,483	\$ 1,107,107

Income Tax Ratio	Finance Ratio
0.15321	0.00574