Southern Company Gas

Summary: Install 20,370 Distribution Steel Pipe

Project Name: Project Forage USF

Date: October 19, 2023

Item No.	Element	Quantity	Unit	Rate $	Sub-Total $	Total $
1	**Land**					$ 436,341.00
1.1	**Land Cost**				$ 319,041.00	
1.11	Permanent Easements					
1.12	Temporary Workspace	1	sum	$ 319,041.00	$ 319,041.00	
1.13	Tap Station or Regulator Station					
1.14	Right-of Way Damage & Settlements					
1.2	**Acquisition Labor & Expenses**				$ 117,300.00	
1.21	ROW allowance, including survey, staking & land agent	1	sum	$ 117,300.00	$ 117,300.00	
1.22	Condemnation Legal allowance					
1.23	Land Research allowance					
2	**Consultants**					$ 2,223,247.00
2.1	**NDE Contractor**				$ 768,038.00	
2.11	NDE ,Other Insepctions and Testing	1	sum	$ 768,038.00		
2.2	**Environmental**				$ 303,744.00	
2.21	Environmental Services - Before Construction	1	sum	$ 172,206.00	$ 172,206.00	
2.22	Environmental Services - During Construction	1	sum	$ 108,332.00	$ 108,332.00	
2.23	Environmental Services - Post Construction	1	sum	$ 23,206.00	$ 23,206.00	
2.3	**Engineering Design**				$ 1,151,465.00	
2.31	Detailed Engineering	1	sum	$ 854,350.00	$ 854,350.00	
2.32	Permit Coordination allowance	1	sum	$ 297,115.00	$ 297,115.00	
2.33	Core Samples and Subsurface Reports					
2.4	**Program Management**					
2.41	W/ Engineering Design		sum			
2.5	**Land Management**					
2.51	W/ Engineering Design		sum			
2.6	**Public Relations**					
2.61	W/ Engineering Design		sum			
2.7	**Materials Procurement**					
2.71	W/ Engineering Design		sum			
2.8	**Legal Cost**					
2.81	Legal Allowance		n/a			
2.9	**Construction Supervision**					
2.91	Contract Project Coordinator		days			
2.10	**Taps and Stops**					
2.11	Taps and Stops		ea			
2.12						
2.13						
2.14						
3	**Materials (including freight and tax)**					$ 1,954,068.00

3.1	**Pipe**				**$ 1,533,400.00**	
3.11	6", 8", & 12" STL , open cut, and HDD includes 10% additional material for route changes, damages, and freight	22,000	lf	$ 69.70	$ 1,533,400.00	
3.12						
3.13						
3.2	**Valves & Actuators**				**$ 297,312.00**	
3.21	8" Valve underground	1	ea	$ 39,390.00	$ 39,390.00	
3.22	12" Valve underground	9	ea	$ 28,658.00	$ 257,922.00	
3.23						
3.24						
3.25						
3.3	**Fittings**				**$ 54,328.00**	
3.32	12" Elbow 45 Degree LR, Carbon Steel, 0.375" WT STD, Y-52, Segmentable	32	ea	$ 1,212.00	$ 38,784.00	
3.33	12" Elbow 90 Degree LR, Carbon Steel, 0.375" WT STD, Y-52, Segmentable	8	ea	$ 1,943.00	$ 15,544.00	
3.34						
3.35						
3.36						
3.4	**Miscellaneous Materials**				**$ 69,028.00**	
3.41	Miscellaneous Materials	1	sum	$ 69,028.00	$ 69,028.00	
3.42						
3.43						
3.45						
4	**Construction**					**$ 4,926,900.00**
4.1	**Permitting (included in Consultants total)**					
4.11	*Included in DOT and Railroad Crossings*	2 Road & 3 RR included in construction $	sum			
4.12	Permitting consultant					
4.13						
4.2	**Construction**				**$ 4,926,900.00**	
4.21	Construction - General, includes traffic control, testing, clearing, and restoration	22,000	lf	$ 223.95	$ 4,926,900.00	
4.22						
4.23						
4.23						
4.24						
4.25						
4.26						
4.3	**HDD**					
4.31	*Included in Construction Estimate*		lf			
4.32						
5	**Contingency**					**$ 1,431,085.00**
5.1	Risk and Contingency	1	sum	$ 1,431,085.00	$ 1,431,085.00	
5.2						
6	**Escalation**					**$ 241,376.00**
6.1	Escalation allowance	1	sum	$ 241,376.00	$ 241,376.00	
7	**Labor**					**$ 703,280.00**
7.1	Direct Internal Labor	1	sum	$ 703,280.00	$ 703,280.00	
7.2						
8	**Finance Cost**					**$ 124,130.00**
8.1	Overhead & AFUDC & Capitalized Depreciation	1	sum	$ 124,130.00	$ 124,130.00	
	Total					**$ 12,040,427.00**

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	Lowndes	17,600' x 12" steel 2,600' x 8" steel 170' x 6" steel	$ 12,040,427	$ 1,844,714	$ 69,112	$ 13,954,253
			Total:	**$ 12,040,427**	**$ 1,844,714**	**$ 69,112**	**$ 13,954,253**

Income Tax Ratio	Finance Ratio
0.15321	0.00574