

Lift Station No. 10 Improvements City of Montgomery

This proposal is submitted pursuant to and in accordance with that certain Professional Services Agreement dated May 25, 2021, by and between Ward, Getz & Associates, PLLC and the City of Montgomery (the "City").

WGA understands the City plans to perform modifications to the existing Lift Station No. 10 to accommodate for future growth in its service area. WGA understands the intended improvements to consist of additional pumps, piping improvements, electrical control improvements, and upsizing the existing discharge force main from 6" to 8" (approximately 3,300 LF).

SCOPE OF WORK

- *Preliminary & Design Phase Services*
 - *WGA will create a preliminary layout and coordinate with the City for approval. This phase will include internal/ external project kickoff meetings and the establishment of the design and schedule.*
 - *WGA will develop drawings and specifications for the successful construction of the Lift Station No. 10 Improvements project.*
 - *Design changes initiated by the Client after the design is complete may result in a request for additional authorization.*
 - *WGA will coordinate with an electrical engineering subcontractor for electrical improvements.*

- *Construction Administration*
 - *Coordinate advertising for bids, hold a pre-bid conference, answer questions from bidders, hold bid opening, prepare bid tabulation, and prepare recommendation of award.*
 - *Prepare construction contracts and coordinate execution of the same.*
 - *Issue notice to proceed and hold pre-construction meeting.*
 - *Review of construction submittals and RFIs.*
 - *Preparation of pay estimates, change orders, and other associated construction documents.*
 - *General oversight and coordination of construction contract.*

- *Field Project Representation*
 - *Onsite inspection by a Field Project Representative for approximately 10 hours per week (including travel time) for the duration of the projected contract period of performance (150 days).*
 - *Onsite inspection by the project team throughout the duration of the project to attend periodic site visits, final walkthrough inspections, etc.*



CONSULTING ENGINEERS

- *Additional Services and Reimbursable Expenses*
 - *Includes construction staking, construction materials testing, advertising expenses, and other reimbursable expenses.*
 - *Construction services over 20% of original contract period of performance.*

ENGINEERING COST

The cost to perform the scope of services described above is as follows:

Preliminary & Design Phase -	\$46,000	(Time and Materials)
Construction Administration -	\$14,000	(Time and Materials)
Field Project Representation -	\$23,000	(Time and Materials)
Additional Services & Reimbursable Expenses -	\$10,000	(Time and Materials)

WGA requests City Council’s authorization to proceed with the preparation of the design plans for the Lift Station No. 10 Improvements on a time and materials basis, as described above.

SCHEDULE

Authorization to Proceed	1	calendar days*
Survey	45	calendar days
Design	120	calendar days
Bidding	30	calendar days
Contracts	30	calendar days
Construction	150	calendar days
TOTAL DURATION	376	calendar days

*If approved, the effective start date is the following business day from the date of acceptance.



Preliminary Cost Estimate
FOR
LIFT STATION NO. 10 IMPROVEMENTS
 10/20/2022

Item No.	Description	Quantity	Unit	Unit Price	Cost
<u>General</u>					
1	Mobilization, Bonds & Insurance	1	LS	\$ 25,000	\$ 25,000
2	Submersible Pumps & Accessories	1	LS	89,700	90,000
3	Piping, Valves, Supports, etc.	1	LS	66,671	67,000
4	Lift Station Electrical & Controls	1	LS	71,563	72,000
5	8-inch (8") PVC Force Main	3,300	LF	52	172,000
6	Bypass Pumping	1	LS	25,000	25,000
7	Stormwater Pollution Protection Plan	1	LS	1,000	1,000
8	Misc. Metals	1	LS	8,000	8,000
				Construction Subtotal	\$ 460,000
				Contingencies (15%)	\$ 69,000
				Engineering	\$ 46,000
				Construction Phase Services	\$ 37,000
				Reimbursables	\$ 10,000
				Total	\$ 622,000

Notes:

- 1 All values rounded up to the nearest thousand.
- 2 This estimate is based on my best judgement as a design professional familiar with the construction industry. We cannot and do not guarantee that bids will not vary from this cost estimate.
- 3 This includes geotechnical investigation, construction materials testing, review fees, reproduction, advertising expenses, and other miscellaneous reimbursable costs.