



Lift Station No. 10 Improvements Phase II City of Montgomery (Taylor Morrison)

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 that the City has defined terms in a Development Agreement (the “Agreement”) with Taylor Morrison of Texas, Inc. for the developer to deposit funds for the sanitary sewer improvements needed to serve the proposed single-family development. Due to the condition, location, and service capacity of the City’s existing Lift Station No. 10, we recommend installation of a third pump, riser piping and natural gas generator allow for a functional lift station. WGA recommends moving forward with the below scope for the lift station improvements project to serve the proposed, and adjacent developments.

ASSUMPTIONS AND EXCLUSIONS:

1. Electrical, structural, and geotechnical design services are part of this project.
2. Site survey services are not included as part of this project.
3. We will provide erosion control plans for permitting approval; Contractor shall provide the required Storm Water Pollution Prevention Plan (SWPPP) for construction.
4. Landscape and Irrigation Plans are not included in this scope of service.
5. Client will give prompt written notice to WGA whenever Client observes or otherwise becomes aware of any development that affects the scope or timing of WGA’s services, or any defect or nonconformance of the work of any Contractor.

SCOPE OF WORK

- *Design Phase Services*
 - *Conduct monthly progress meetings, up to a maximum of five (5) meetings during the final design phase.*
 - *Perform unit process calculations consistent with TCEQ Chapter 217 requirements for lift station design. Document calculations and any proposed variances to TCEQ rules for regulatory approvals.*
 - *Prepare drawings, specifications, and layouts of improvements to be constructed for design milestone (50% and 100%) submittal and for the final construction contract documents.*
 - *Coordinate with electrical subconsultant to complete the electrical drawings and preparation of the technical specifications.*
 - *Prepare front end documents, including bid documents, general conditions, and special conditions for the construction contract documents.*
 - *Prepare application for and obtain TCEQ approval for the project.*
 - *Final Construction Contract Documents: The plans and specifications will be finalized based on one set of compiled comments from Client. Engineer will seal and sign the completed documents. Engineer shall update plans and specifications with any final*



comments prior to finalizing for construction.

- *Prepare revised opinion of probable construction cost for the 50% and 100% design completion levels.*
- *Furnish Client with one electronic PDF copy of drawings and specifications for each submittal for review and approval by Client. Upon final approval by Client, WGA will provide Client one electronic PDF copy of "Final" sealed drawings and in CAD file format.*

- **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 contracts.*
 - *Review and approval of project material submittals.*

- **Field Project Representation**
 - *Onsite inspection by a Field Project Representative for approximately 12 hours per week (including travel time) during active construction for the duration of the projected contract period of performance (120 calendar days.)*
 - *Onsite inspection by the project team throughout the duration to attend periodic site visits, final walkthrough inspections, etc.*

- **Additional Services and Reimbursable Expenses**
 - *Includes construction staking, construction materials testing, advertising expenses, geotechnical, structural 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:

Design Phase Services -	\$39,000	(Lump Sum)
Construction Administration -	\$19,000	(Lump Sum)
Field Project Representation -	\$20,000	(Lump Sum)
Additional Services & Reimbursable Expenses -	\$11,000	(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 Phase II on a lump sum and time and materials basis, as described above.



SCHEDULE

Authorization to Proceed	1	calendar days*
Design Phase	100	calendar days
Bidding	30	calendar days
Contracts	30	calendar days
Construction	120	calendar days**
TOTAL DURATION	281	calendar days

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

**Construction largely affected by manufacture and delivery time of emergency generator.