

## **City of Georgetown**

### **Fuel System Replacement**

#### **Proposed Scope of Services**

**April 22, 2021**

#### **REVISED 2**

This project scope includes the removal of an existing underground storage tank system used by the Municipality of Georgetown, Texas. There are two USTs; one containing diesel fuel, and one containing gasoline. These USTs are in a floodplain, and are approaching 30 years in age. Each tank is 10,000 gallons in nominal volume.

The proposed replacement tanks will be aboveground storage tanks (ASTs), 15,000 gallons in nominal volume. They will send fuel to two new dispensers that will dispense both gasoline and diesel. Diesel Exhaust Fluid (DEF) must also be stored and dispensed at this facility.

The site on which these tanks will be placed is complicated in that there is a closed landfill, and floodplains in which equipment cannot go. A major proposed roadway and river must also be cleared.

Finally, this site is located on the Edwards Aquifer Recharge Zone. Therefore, special permitting will be required, and must be approved before work can start. Work on the permit will begin as soon as possible.

The proposed Scope of Services is as follows.

- The meeting with the City to finalize the equipment wanted by the City.
- The review of the layout of the proposed roadway.
- The review of the floodplains and the optimum placement of the fuel tanks and canopy over the dispensers.
- The review of the grades and slopes in the area that is the proposed AST location.
- The design of the concrete foundation on which the ASTs will be placed. This requires contained and controlled drainage of the structure.
- The preparation of a TCEQ AST Facility Plan, and its submission to the TCEQ.
- The electrical systems design.
- The placement of the ASTs, the canopy, and the dispensers. The DEF tank must also be plumbed in. A separate tank and dispenser will be used for the distribution of the DEF.
- The electrical systems for the fuel pumps and leak detection must be provided.
- The addition of an emergency generator with an automatic transfer switch to maintain electric power to the fuel system in the event of a power outage.

- The design of the canopy and the associated LED lighting below it.
- The specification of a commercial grade kiosk with air conditioning in which the electronic equipment such as motor starters, power panels, the Veeder Root System, and other components needing protection from the weather will be mounted. In addition, the kiosk will be sized such that 2 DEF totes including the pump systems for the DEF will be included.
- A landscape sheet will provide the required plants and layout to meet the City of Georgetown Landscape ordinance.
- The specification of the components on the plan sheets. No specification book is necessary.
- The specification and observation of the addition of fuel to the systems for the Fire Marshall testing and approval of the required safety systems.
- Plans and specifications for the removal of the two existing USTs. These plans and specifications will be in compliance with 30 TAC §334.52. An Environmental Consultant on the team will verify that the removal has been properly performed.
- The plans and specifications for the removal will indicate that the soil/groundwater is clean and not contaminated, and add/alternate line items for the disposal of contaminated soil/groundwater will be provided for minor disposal items.
- Specifications for the backfill of the tank holes and pipe trenches.

Not included in this proposal is the following.

- Remediation of any contamination.
- The cost of laboratory analysis of soil or groundwater.
- The removal and disposal of any fuel from the tanks.
- The cost of the fuel required for testing and Fire Marshall approval.
- The cost of any permits.
- Anything not specifically included.

#### **End of Specifications**

<b>Milestone Phase</b>	<b>Amount (\$)</b>
Schematic Design	\$11,407.00
Design Development	\$10,067.75
Construction Documents	\$25,354.00
Bidding/Negotiation Services	\$2,851.75
Construction Administration	\$11,407.00
 Total	 \$61,087.50