Agenda Item Details

Meeting	Jan 14, 2025 - Bryan City Council Second Regular Meeting
Category	6. Statutory (Automatic Approval) Agenda - This agenda consists of items previously approved by Council action such as adoption of items that are part of an approved budget or capital improvement projects, first and only readings of ordinances, interlocal agreements, or action that is required by law or delegated to the City Manager. Items may be removed from the statutory agenda for separate consideration at the request of two Councilmembers.
Subject	A. Approval of Construction Contract for the Reconstruction of the MSC Fuel Island in the not to exceed amount of $1,339,384.08
Type	Action (Statutory)
Preferred Date	Jan 14, 2025
Absolute Date	Jan 14, 2025
Fiscal Impact	Yes
Dollar Amount	1,339,384.08
Budgeted	Yes
Budget Source	Water Fund, Wastewater Fund, Solid Waste Fund, and General Fund
Goals	Public Safety Service Infrastructure

Summary:
On December 3, 2024, Request for Proposal (RFP) #25-007 (Fueling Center Reconstruction at Municipal Service Center) was opened for the reconstruction of the Waco Street Fuel Island. The City received one proposal submitted by A1 Pump Inc. of Bryan, TX in the not to exceed amount of $1,339,384.08.

This project will provide regulatory closure of the existing fuel island with the reconstruction at a new location within the Municipal Service Center (MSC). Fuel storage capacity will be increased from 24,000 gallons of diesel and 12,000 gallons of unleaded gasoline to 30,000 gallons of each fuel type with the addition of 1,200 gallons of Diesel Exhaust Fluid (DEF) added for dispensing. Increasing tank size adds available storage and streamlines fuel delivery by providing opportunities to accept complete transports (8,000 gallons) instead of split compartment deliveries as a result of the wider operating tolerance of the higher volume tanks.

The fuel management software and dispensing equipment will be upgraded to a new platform (GasBoy). Radio Frequency Identification (RFID) technology will replace chip keys and the 9-pin encoder used for activation of the island terminal. The chip key system is problematic and a fading technology that will be replaced by a key fob and reader. The new management software is web-based instead of locally installed. The field island terminal and ancillary equipment will use its own dedicated wireless network to communicate with Gasboy's server. This approach fully isolates the fuel island from the City's network and is value added for cybersecurity. The wireless network will allow Gasboy the ability to perform remote troubleshooting and maintenance of the fuel island and fuel management software.

The island terminal is conditioned to activate only when its rules have been met: (1) upon driver identification authorized for fuel access, and (2) when vehicle identification is authorized for fuel access. In this process, the driver inputs the vehicle's mileage/hours and fuel type requested into the island terminal. A feature of the new system is an opportunity to automate the authorization process. Under this approach, no change will occur with driver identification; however, all fuel dispensers will be outfitted with RFID technology, which activates when the fuel nozzle is inserted into the fuel inlet of a RFID-equipped vehicle (ex: tank ring or tag). Communication between the fuel nozzle and a programmed tank ring or tag activates the pump and

omits the need for vehicle identification to be physically entered into the island terminal. The fuel type, frequency, and maximum volume (daily or per transaction) established for the vehicle is programmed into the tank ring or tag to further eliminate human error or theft. Removing the nozzle from the vehicle's fuel inlet immediately suspends fueling activity. Tank rings and tags are designed to lose function if tampered with or removed from an equipped vehicle.

Going a step further with automation, the system is able to tap into the vehicle's On-Board Diagnostics (ODB) to automatically pull the vehicle's odometer (mileage or engine hours), GPS location of the vehicle, engine diagnostics, and warning lights. A monthly service fee per equipped vehicle is required for this service. The contract presented before the City Council provides licensing and equipment for a pilot study of the ODB service using selected solid waste collection vehicles to determine if the cost-benefit of the ODB option warrants further expansion into the fleet.

Demolition and regulatory closure of the original fuel island is a deliverable for this contract. Through this process, removal and disposal of the underground storage tanks and product lines will be performed. The contractor will coordinate regulatory closure of the site with the Texas Commission on Environmental Quality (TCEQ) in accordance with its requirements.

This project is an approved Decision Package for FY2023 ($1,500,000). Professional services for design of this project were expensed at $113,900. The construction contract presented for consideration places the complete project inline with the funded Decision Package. Expenses for this project will be split funded between the Enterprise and General Fund. Funding levels were established from system use, with the following allocations: Wastewater Fund 9.1%, Water Fund 7.9%, Solid Waste 36.2%, and General Fund 46.8%.

Staff Analysis and Recommendation:
Water Services recommends the City Council award contract to A1 Pump Inc. in the not to exceed amount of $1,339,384.08 allowing for construction of the Waco Street Fuel Island and regulatory closure of the preceding.

Options:
1. Approve purchase
2. Do not approve purchase and provide direction

Attachments:
1. Contract
2. Fuel Island Drawings

Contract RFP 25-007 Fueling Center Reconstruction with Revised Exhibit B - A-1 Pump_vendor signed.pdf (20,011 KB)

Attachment 2 - Fuel Island Drawings.pdf (14,599 KB)