



Legislation Details (With Text)

**File #:** 20-0588      **Version:** 1      **Name:** WT1802 Annual Water System Improvements  
**Type:** Agenda Item      **Status:** Approved  
**File created:** 11/24/2020      **In control:** Budget  
**On agenda:** 1/12/2021      **Final action:** 1/12/2021  
**Title:** Consider and take action on a resolution authorizing a professional services agreement with Sander Engineering Corporation for design work related to the Annual Water System Improvements Project (WT1802) in an amount not to exceed \$220,000 (Director of Budget & Project Management)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. Data Sheet, 2. Proposed Resolution, 3. Exhibit A - Agreement with Sander Engineering, 4. CIP Project Sheet, 5. Aerial Map, 6. Vendor Report Card

Date	Ver.	Action By	Action	Result
1/12/2021	1	City Council	Approved	Pass

Consider and take action on a resolution authorizing a professional services agreement with Sander Engineering Corporation for design work related to the Annual Water System Improvements Project (WT1802) in an amount not to exceed \$220,000 (Director of Budget & Project Management)

Approval of this resolution will authorize the award of a professional services agreement with Sander Engineering Corporation to perform the engineering design and construction phase services related to Annual Water System Improvements Project (WT1802), which includes the Meadowbend Ground Storage Tank, Alabama Elevated Storage Tank, and South Shore Harbour Elevated Storage Tank.

City of League City tanks are visually inspected and cleaned annually, but per the Texas Commission of Environmental Quality (TCEQ), gradual degradation of interior surfaces and structural features occur over many years of service. Rust (pitting), scaling, mineral deposits, and corrosion of roof supports can contribute to leaks and to associated water quality that could jeopardize public health and regulatory compliance.

Each of the facilities will receive miscellaneous structural repairs:

- the Meadowbend GST will receive a blast and recoat of the interior of the galvanized GST and yard piping.
- the Alabama EST will receive a blast and recoat of the interior and exterior of the tank, support system, yard piping, and exterior of the of the storage building
- the South Shore Harbour EST will receive a blast and recoat of the interior and exterior of the tank, the access doors, yard piping, and selected interior piping

Sander Engineering has submitted a proposal to perform the engineering design and construction phase services not to

exceed \$220,000, which includes the following:

1. Preliminary Design Phase	\$ 66,000
2. Final Design Phase Services	\$ 57,000
3. Contract Bid Phase	\$ 7,600
4. Construction Phase Services	\$ 28,000
5. Testing during Construction	\$ 60,400
6. Reimbursable Expenses	<u>\$ 1,000</u>
Total	\$ 220,000

Design is proposed at 180 days. Sander Engineering submitted an estimate of probable construction cost of \$1,684,835.10 for all three tanks. Construction of the Meadowbend GST is programmed in the CIP for FY2021. Construction of the Alabama EST and the South Shore Harbour EST are programmed in the CIP for FY2022. This proposal will have all three locations ready for construction bid in May 2021. Staff's goal is to construct together as long as funding allows.

**Attachments:**

1. Data Sheet
2. Proposed Resolution
3. Professional Services Agreement with Proposal
4. CIP Project Sheet
5. Aerial Map
6. Vendor Report Card

**FUNDING**

{X} Funding in the amount of \$220,000 is available from 2016CO W/WW, fund 1345, with expenses charged to project expense string WW1802- PLAN DESIGN- DESIGN - 2016CO RS

**STRATEGIC PLANNING**

{X} NOT APPLICABLE