



Legislation Text

File #: 17-0171, **Version:** 1

Consider and take action on a resolution authorizing a professional services agreement with Sander Engineering Corporation for the Annual Lift Station Improvements Project - Smith Lane Lift Station (WW1502A), in an amount not to exceed \$66,500 (Director of Public Works)

Approval of this resolution will authorize a professional services agreement with Sander Engineering Corporation (SEC) for the design and construction phase engineering services related to the Annual Lift Station Improvements Project - Smith Lane Lift Station (WW1502A).

This is an annual program to systematically rehabilitate and upgrade the City's sanitary sewer lift station facilities to reduce pump repair frequency, and prevent potential major structural, electrical or mechanical failures of the facility. The Smith Lane Lift Station was constructed in 1983 and primarily serves the Meadow Bend, South Shore Village, and Tuscan Lakes areas. The Smith Lane Lift Station force main was replaced in 2005 and an odor-control unit was added. The pumps, piping, and electrical controls have been in service over 30 years and have reached the end of their expected service life. The project consists of new pumps and piping, new controls and electrical components, new hatches and safety grates, new discharge piping and valves, and miscellaneous minor items. The construction estimate for these improvements is \$408,721.50 and are anticipated to be bid FY 2017.

Sander Engineering Corporation was approved as one of the short listed professional service providers for water and wastewater design services in April 2015 (staff is resubmitting an RFQ for short listed firms). They have been instrumental in the City's annual program of evaluating, upgrading, and rehabilitating the City's lift station facilities and have shown experience and knowledge in the lift station infrastructure upgrade, retro-fit improvements, and rehabilitation. Sander Engineering Corporation recently completed the design and construction phase services for the MUD 6 Lift Station Improvements Project and is currently under contract with the City for the design and construction phase services related to the South Shore Harbour No. 3 Lift Station Improvements Project.

Sander Engineering Corporation has submitted a proposal to perform the design and construction phase services for the Smith Lane Lift Station Improvements Project in an amount not to exceed \$66,500 which includes the following:

Preliminary Design Phase	\$26,300.00
Final Design Phase	\$22,700.00
Topographic Survey	\$ 4,200.00
Bid Phase Service	\$ 3,100.00
Construction Administration	\$ 9,200.00
Reimbursement Expenses	<u>\$ 1,000.00</u>
Total Fee	\$66,500.00

SEC's fee is consistent with the City of Houston fee curve (16%) for similar projects involving pumping station retro-fit/rehabilitation of electrical, structural and mechanical components.

Attachments:

1. Data Sheet
2. Proposed Resolution
3. Professional Services Agreement
4. Sander Engineering Corporation Proposal Exhibits

- 5. CIP Program Sheet
- 6. Aerial Map

CONTRACT ORIGINATION: The Resolution and Professional Services Agreement have been reviewed and approved as to form by the City Attorney.

FUNDING

☐ NOT APPLICABLE

☒ Funding is available from Revenue Supported Cash with expenses charged to WW1502A-PLAN DESIG-DESIGN-RS CASH.

☐ Requires Budget Amendment to transfer from Account # _____ to Account # _____