



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#17-0539

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: May 16, 2017

TITLE: Motion Authorizing a Force Main Plug Valves & Air Release Valves
Assessment – CH2M HILL Engineers, Inc. – \$244,768 Task Order

Recommendation

It is recommended that the City Commission approve Task Order No. 3, with CH2M Hill Engineers, Inc., for data collection, testing, and assessment of all City sanitary sewer force main plug valves and air release valves, in an amount not to exceed \$244,768.

Background

The City's sanitary sewer force main system has approximately 750 plug valves (PVs) and 300 air release valves (ARVs), of which many are in unknown condition and/or are not properly located in the City's GIS mapping database. The City will engage consultant services to accurately locate, exercise, and assess the condition of all force main valves. The consultant will provide the assessment results in a GIS database format to document the geographical location and condition of assets, in order to maintain and conduct future updates accurately and efficiently. Data gathering efforts will include maintenance of traffic and coordination with the City's Utilities and Engineering staff, as required, and the Consultant will provide a report identifying the high priority valve repairs that are needed. The results of this assessment will be used to prioritize maintenance, rehabilitation, and replacement of the PVs and ARV's throughout the City's sewer force main system.

Resource Impact

There will be a fiscal impact to the City in the amount of \$244,768 for the task order and \$39,163 for estimated in-house project management fees, for a total estimated impact of \$283,931. Funds for this purchase are available in the FY2017 operating budget in the account listed below:

<i>Funds available as of April 17, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
451-PBS060101-3199	UTILITIES ENGINEERING OPERATIONS	SERVICES&MATERIALS/ OTHER PROFESSIONAL SERVICES	\$3,710,273	\$2,304,340	\$283,931
				TOTAL →	\$283,931

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient community
- Objective 1: Proactively maintain our water, wastewater road and bridge infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Community*.

Attachments

Exhibit 1 – Task Order Number 3

Exhibit 2 – Subcontractor Authorization Letter

Prepared by: Luis Oliveira, Project Manager I
Jorge Holguin, Senior Project Manager

Department Director: Paul Berg, Public Works