



City of Largo Agenda Item 14

Meeting Date
06/05/18

Presenter:

Department:

TITLE:

APPROVAL OF CHANGE ORDER NO. 3 FOR RFQ NO. 17-Q-601, CONSULTANT SERVICES FOR THE HURRICANE HERMINE SANITARY SEWER COLLECTION SYSTEM ENGINEERING EVALUATION PROJECT, TO MCKIM AND CREED, IN THE AMOUNT OF \$250,000

This agenda item requests City Commission approval of Change Order No. 3 to the Request For Qualifications (RFQ) No. 17-Q-601 for engineering services for the Hurricane Hermine Sanitary Sewer Collection System Engineering Evaluation project to McKim & Creed, in the amount of \$250,000.

This planned change order funding was included in the FY 2018 budget to provide additional contract allowance (subject to City Project Manager approval) for three functional services. The first is for any additional field investigations to capture additional data necessary to expand the flow model to cover this engineering evaluation or to capture any undocumented assets. The second is a weather contingency to extend wet weather flow monitoring should the current evaluation period lack sufficient rainfall. The third is a design contingency to allow McKim & Creed to produce plans and specifications for sanitary sewer collection system repairs or reconfigurations recommended by this engineering evaluation.

On August 15, 2017, the City Commission approved the scope and fee for the engineering evaluation for the four (4) locations to McKim & Creed, in the amount of \$1,147,029. The evaluation is currently underway conducting flow and rainfall monitoring. It also includes:

- model flow and review the configuration of the sanitary piping,
- conduct inflow and infiltration smoke and dye testing,
- inspect manholes and provide night flow isolation evaluations,
- predict problem areas and identify deficiencies within the modeled areas,

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Budgeted Amount:	<input type="text" value="\$250,000.00"/>	Budget Page No(s):	Adopted 196	Available Amount:	<input type="text" value="\$250,000.00"/>	Expenditure Amount:	<input type="text" value="\$250,000.00"/>
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Additional Budgetary Information:

Funding Source(s): **Sufficient Funds Available:** Yes No **Budget Amendment Required:** Yes No **Source:**

City Attorney Reviewed: Yes No N/A **Advisory Board Recommendation:** For Against N/A **Consistent With:** Yes No N/A

Potential Motion/Direction Requested:

Staff Contact:

Attachments:

- provide improvement alternative analysis to reduce inflow and infiltration volumes,
- recommend improvements to reduce surcharging,
- provide a cost benefit analysis of City modeling software to improve future modeling efforts,
- provide construction design services on an as needed basis.

On September 18, 2017, change order No. 1 to the Request For Qualifications (RFQ) No. 17-Q-601 was issued to McKim & Creed for \$19,500 to provide additional stormwater asset inspections within two of the five SSO locations. This effort will result in better stormwater asset attribute information (pipe size, pipe material, flow direction, etc) in those areas.

On October 3, 2017, change order No. 2 to the Request For Qualifications (RFQ) No. 17-Q-601 was issued to McKim & Creed for \$273,830 to add a fifth sanitary sewer overflow (SSO) location to the original four (4) areas with gravity sewer lines that experienced surcharged conditions which inhibited flow to a number of lift stations during Hurricane Hermine. This fifth SSO area is located in the 11th Avenue SW and Seminole Boulevard area.

The following table summarizes the total values of this task order.

RFQ No. 17-Q-601	Scope and Fee	Contract Allowance	Total
Original Task - 4 Hermine SSO Locations	\$862,989	\$284,040	\$1,147,029
Change Order 1 - Stormwater Asset Inspections	\$19,650	\$0	\$19,650
Change Order 2 - 5th Hermine SSO Location	\$246,830	\$27,000	\$273,830
Change Order 3 – Additional Contract Allowance	\$0	\$250,000	\$250,000
Totals	\$1,129,469	\$561,040	\$1,690,509

In summary, the engineering evaluation is currently on schedule inspecting 243,300 linear feet of gravity sewer lines, 4,234 service laterals and 949 manholes.

A copy of change order No. 3 has been sent to the City Commission electronically, and has been posted to the City's web site.