



Legislation Details (With Text)

File #: ID#17-3237 **Version:** 1 **Name:** Permanent Wastewater Flow Monitoring
Type: Action Item **Status:** Passed
File created: 2/7/2017 **In control:** Public Works
On agenda: 3/2/2017 **Final action:** 3/2/2017

Title: Approve a Work Order to Engineer of Record (EOR), McKim and Creed, Inc., in the amount of \$199,800 for Permanent Wastewater Flow Monitoring System complete with data analysis and reporting over a 12-month period and authorize the appropriate officials to execute same. (consent)

Sponsors:

Indexes: **, 2. Economic & Housing Opportunity, 4. Environmental Stewardship

Code sections:

Attachments: 1. Permanent Flow Monitoring WorkOrder

Date	Ver.	Action By	Action	Result
3/2/2017	1	City Council		
2/27/2017	1	Council Work Session		

SUBJECT/RECOMMENDATION:

Approve a Work Order to Engineer of Record (EOR), McKim and Creed, Inc., in the amount of \$199,800 for Permanent Wastewater Flow Monitoring System complete with data analysis and reporting over a 12-month period and authorize the appropriate officials to execute same. (consent)

SUMMARY:

Recent data provided by the Inflow and Infiltration Project indicates the City's sanitary sewer system experiences significant rain and ground water inflow and infiltration (I&I) during wet weather. The resulting higher volume can cause sanitary sewer overflows and Water Reclamation Facility permit violations.

As part of the I&I project, the City has been pursuing a "Find and Fix" program to repair the entry points of rain and ground water. Thus I&I flow is being reduced at a measureable rate, but to continue this trend the City cannot rely on a snap shot of the I&I flow. Instead the City needs a continuous and permanent flow monitoring system so that new sources of I&I (i.e., pipe failures) can be identified and remedied quickly.

Project benefits are improved process efficiencies, ongoing rehabilitation and restoration strategy of conveyance infrastructure and increased environmental protection and regulatory compliance.

This work order was negotiated in accordance with the Consultant's Competitive Negotiations Act.

The City of Clearwater's Public Utilities Department is responsible for owning, operating and maintaining the wastewater collection system and water reclamation facilities.

APPROPRIATION CODE AND AMOUNT:

0327-96665-563800-535-000-0000 \$199,800.00

Funding is available in Utility Renewal and Replacement Project, 0327-96665, Sanitary Sewer Repair &

Replacement, in the amount of \$199,800.00.