



## Legislation Details (With Text)

**File #:** ID#17-3482    **Version:** 1    **Name:** engineering services related to the Northeast Water Reclamation Facility SCADA System PLC Upgrades Project (16-0022-UT)

**Type:** Action Item    **Status:** Passed

**File created:** 4/26/2017    **In control:** Public Works

**On agenda:** 5/17/2017    **Final action:** 5/17/2017

**Title:** Approve an Engineer of Record (EOR) work order to McKim and Creed, Inc. in the amount of \$114,116 to provide engineering services related to the Northeast Water Reclamation Facility SCADA System PLC Upgrades Project (16-0022-UT) and authorize the appropriate officials to execute same. (consent)

**Sponsors:**

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

**Code sections:**

**Attachments:** 1. NEWRF\_PLC\_Upgrades.pdf

| Date      | Ver. | Action By            | Action | Result |
|-----------|------|----------------------|--------|--------|
| 5/17/2017 | 1    | City Council         |        |        |
| 5/15/2017 | 1    | Council Work Session |        |        |

**SUBJECT/RECOMMENDATION:**

Approve an Engineer of Record (EOR) work order to McKim and Creed, Inc. in the amount of \$114,116 to provide engineering services related to the Northeast Water Reclamation Facility SCADA System PLC Upgrades Project (16-0022-UT) and authorize the appropriate officials to execute same. (consent)

**SUMMARY:**

The Northeast Water Reclamation Facility (WRF) currently utilizes programmable logic controllers (PLCs) that are becoming obsolete. These devices assist operations staff in monitoring and controlling critical treatment systems throughout the plant.

Services outlined in the scope of work include: equipment selection assistance that will be installed by City staff, production of drawings for network connections that will connect the newly installed equipment to the wastewater plant’s supervisory control and data acquisition (SCADA) system, testing of systems programming confirming appropriate interface with the plant SCADA system.

The project is anticipated to be complete by December 2017.

McKim & Creed, Inc. is one of the City’s Engineers-of-record, and this work order was negotiated in accordance with the Consultants Competitive Negotiations Act.

**APPROPRIATION CODE AND AMOUNT:**

0315-96219-563100-535-000-0000 \$114,116.00

A midyear budget amendment will establish Capital Improvement Project (CIP) 0315-96219, Devices/Equipments Sewer Division with a transfer from CIP 0315-96611, Bio Solids Treatment to fund the project.