

Meeting Date: August 14, 2018



Agenda Item #: 4D

# CITY COUNCIL AGENDA ITEM

## Contact Information:

**Contact Name:** David Santiago, CPPB

**Dept. Director:** Migdalia Hernandez

**Contact Number:** 386-775-5440/5446

**City Manager:** Dale Arrington

A handwritten signature in black ink, appearing to read "Dale Arrington", is written over the printed name of the City Manager.

## Type of Item:

<input checked="" type="checkbox"/>	Consent Agenda	<input type="checkbox"/>	Ordinance First Reading	<input type="checkbox"/>	Public Hearing
<input type="checkbox"/>	Council Approval	<input type="checkbox"/>	Ordinance Second Reading	<input type="checkbox"/>	Resolution
<input type="checkbox"/>	Discussion & Action	<input type="checkbox"/>	Presentation	<input type="checkbox"/>	Workshop

**SUBJECT:** South Water Treatment Plant High Service Pump Electrical Connection

## BACKGROUND:

The South Water Treatment Plant (SWTP) was originally designed to operate with five high service pumps. Council and FDEP agreed in 2017 to bring forward replacing two high service pumps due to low maintenance over a number of years (ahead of the larger Main and South Water Treatment Plant Upgrades projects funded through SRF). One of the old pumps removed last year was refurbished and installed to provide the required redundancy and operational flexibility for our water supply. This request is to upgrade the electrical service and electronic controls for the recently refurbished pump in order to integrate it with the system being installed and concurrently with the State Revolving Fund (SRF) funded Water Treatment Plants Improvement Project.

Vogel Bros. Building Co. (Vogel) is the general contractor currently working to complete the SWTP water system upgrades, with A Electric Company as their electrical subcontractor. Staff requested a quote from A Electric Company to provide the electrical work needed to merge this high service pump connection to ongoing work. The cost for the high service pump electrical installation, including all parts (i.e., variable speed pump) is \$37,400. Contracting with A Electric Company, will minimize the risks of not constructing and/or integrating the equipment properly with Vogel's current water quality improvements electrical work.

Under the City's Purchasing Code, Section 12.3-33 – Unique circumstances. The City Council reserves the right to consider purchasing needs on their merit and make appropriate purchasing decisions for unique circumstances which may arise. To expedite the installation of this high service pump, staff request Council approve the electrical services under Section 12.3-33.

**COUNCIL DISTRICT:**

City Wide

**RECOMMENDATIONS:**

Approve contract award to A Electric Company for the work associated with the high service pump electrical installation in the amount of \$37,400 and authorize the City Manager to execute the contract.

**ATTACHMENTS:**

1. Quote from A Electric Company - \$37,400

**FINANCIAL IMPACT:**

Funds are available within the Utilities Enterprise Fund. \$37,400 will be transferred with an intra departmental budget transfer from the Country Village Infrastructure Rehab account (40.533.5330.652).

**STRATEGIC PLAN:**

This action promotes Tier One, Priority #1, which states "Upgrade existing water, wastewater, and stormwater facilities infrastructure".

A Electric Co.  
 1189 Anderson Street  
 FL 32725  
 rich4oil@att.net  
 386-341-1692

Richard E. Friedrich  
 State Certified Electrical Contractor  
 EC0001410

# Proposal

Date	Proposal #
7/22/2018	17-149

Contractor Name / Address
City of Orange City

Project

Description	Total
WE PROPOSE TO PROVIDE ELECTRICAL MATERIALS AND LABOR FOR THE JOB KNOWN AS CITY OF ORANGE CITY WTP, ORANGE CITY, FL.	37,400.00
WE PROPOSE TO ADD TO THE SOUTH PLANT ONE (1) 60 HP VFD WITH RELATED WIRE AND EQUIPMENT COMPLETE..	
<b>Total</b>	
	\$37,400.00