



Department of Public Utilities
Public Utilities Administration
Inter-Office Memorandum

DATE: July 12, 2024 **FILE:** PU-24-98

TO: George R. Keller, Jr. CPPT
City Manager

VIA: ^{DS}
^{AR} Adam Reichbach
Assistant City Manager for Finance and Administration

VIA: ^{DS}
^{RS} Gus Zambrano
Assistant City Manager for Sustainable Development

^{DS}
^H **THRU:** ^{DS}
^{OT} Otis Thomas
Interim Director, Procurement and Contract Compliance

^{DS}
^{Vm} **FROM:** ^{DS}
^{Vm} Vincent Morello, P.E.
Director, Public Utilities

SUBJECT: Recommendation to Approve the Issuance of a Purchase Order to Cardinal Contractors, Inc., for costs associated with the time-critical repair of Transformer Tower No. 2, in an amount up to \$53,874.14. The Procurement Method used is Emergency.

—

ISSUE:

The Department of Public Utilities Southern Regional Wastewater Treatment Plant (SRWWTP) recently placed a newly refurbished 800 HP Electric Outfall Motor (HP Motor 1) into service. After the motor refurbishment, Transformer Tower No. 1 (TT-1) for HP Motor 1 experienced operational failure requiring repairs. This equipment pair has since been restored to full functionality.

Following the restoration of service to the first motor and transformer pair, the second effluent pump, another 800 HP Motor (HP Motor 2), was sent out for service. Upon its return, HP Motor 2 is to be connected to Transformer Tower No. 2 (TT-2). However, a recent inspection of TT-2 revealed a similar degradation to that which was initially observed on TT-1. That defect ultimately led to the failure of TT-1. The speedy repair of

TT-2 was deemed essential to avoid a complete failure and to provide for the long-term restoration of the effluent pump station upon the return of HP Motor 2 and hence the continued efficient operation of the SRWWTP. This emergency repair was also necessary to maintain compliance with Florida Department of Environmental Protection Regulations and to protect public health and safety.

The DPU requests approval for the expedited repair services and materials for the restoration of TT-2 via the Issuance of a Purchase Order to Cardinal Contractors, Inc. (Cardinal) in an amount up to \$53,874.14.

AUTHORITY:

§ 38.41 COMPETITIVE SOLICITATIONS REQUIRED; EXCEPTIONS

(C)(1) Emergency purchases:

In urgent cases of compelling emergency that require the immediate purchase of goods, supplies, materials, equipment or services, the CPO is authorized to secure, when possible, emergency goods, supplies, materials, equipment or services by open market procedure. All such emergency purchases must receive prior administrative approval except for the most urgent situations presenting a clear and present substantial threat to life or property where immediate action is required.

Funding has been provided in the fiscal year 2024 budget for the Department of Public Utilities in Account Number 442.400601.53600.546311.00000.000.000.

RECOMMENDATION:

Authorize the Issuance of a Purchase Order to Cardinal for costs associated with the emergency repair of TT 2 in an amount of up to \$53,874.14.

DocuSigned by:
George Keller
BB25DD053647405

7/17/2024

APPROVED BY: George R. Keller, Jr. CPPT
City Manager

Date:

Attachments: CP-A016B TAC – Transformer 2