



Department of Public Utilities  
Public Utilities Administration  
Inter-Office Memorandum

**DATE:** November 22, 2023

**FILE:** PU-24-31

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

**VIA:** Adam Reichbach DocuSigned by:  
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Director, Procurement and Contract Compliance

DS DS **FROM:** Vincent Morello, P.E. DocuSigned by:  
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Director, Department of Public Utilities

**SUBJECT:** Recommendation to Approve the Issuance of Purchase Orders to: Cardinal Contractors, Inc., in an amount up to \$1,000,000.00; Southeastern Engineering Contractors, Inc., in an amount up to \$200,000.00; Hazen and Sawyer, P.C., in an amount up to \$100,000.00; Brown and Caldwell, in an amount up to \$50,000.00; and Tetra Tech, Inc., in an amount up to \$10,000.00; for Emergency Response during the period of November 17, 2023 – February 28, 2024. The Procurement Method used is Emergency.

## **ISSUE:**

The Department of Public Utilities (DPU) had an emergency need to implement repair work, on a time and material basis, related to the Ocean Outfall Pipe Failure, which occurred on November 17, 2023, at the Southern Regional Wastewater Treatment Plant (SRWWTP).

## **EXPLANATION:**

One of the 48-inch discharge pipes for the Ocean Outfall Pump Station failed at approximately 6:30 AM on November 17, 2023. Consequently, secondarily treated effluent overflowed from the failed 48-inch pipe and a clarifier effluent trough. The overflow flooded the SRWWTP, N 14th Avenue from Arthur Street to Sheridan Street, Arthur Street, and one block west of N 14th Avenue on Harding Street, Coolidge Street, Scott Street, Liberty Street, and the alleyways.

DPU initiated an emergency response to this incident per the Emergency Discharge Management Plan (EDMP), which included the following tasks:

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- To contain the overflow, City staff contacted Cardinal Contractors, Inc., the general contractor already on-site at the SRWWTP to install pump stations for Injection Wells No. 3 and 4, to mobilize immediately after the incident, procure necessary materials, and start the repair of the 48-inch pipe. The leak and overflow were stopped successfully, and one Outfall Pump was placed back in service at approximately 4:00 PM the same day.
- The overflow was diverted to the canal system, and flowed through West Lake and the Intracoastal Waterway, in accordance with the EDMP.
- City staff notified and updated the incident status with the Florida Department of Environmental Protection, Broward County Environment Permitting Division, the State Warning Point, and other agencies.
- City staff mobilized Southeastern Engineering Contractors, Inc., an active DPU contractor for on-call and emergency water and sewer utility repair services, to clean and disinfect the overflow-impacted areas, from November 17, 2023, to November 23, 2023.
- DPU also selected the following consultants to assist the City with the emergency response:
  - Hazen and Sawyer, P.C. – to evaluate the causes of the failure and help plan the repairs needed to bring the Outfall Pump Station back in service.
  - Brown and Caldwell – to assist the City with responses to regulatory agencies and negotiations on citations.
  - Tetra Tech, Inc. – to assist with environmental mitigation actions.
- The DPU is working with consultants and contractors to implement additional short-term repairs, including the replacement of two vertical 48-inch outfall pipes, valves, supports, and wall penetrations, and the repair of the diesel effluent pump.

## **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.***

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Since additional necessary short-term work to be performed is still in the design phase, the purchase order amount may need to be increased. After all costs are finalized, the DPU plans to get the approvals ratified by the City Commission.

Funding has been provided in the fiscal year 2024 Capital Improvement Budget in Account Number 442.409903.53600.563010.001469.000.000.

**RECOMMENDATION:**

Authorize the issuance of Purchase Orders to: Cardinal Contractors, Inc. in an amount up to \$1,000,000.00; Southeastern Engineering Contractors, Inc., in an amount up to \$200,000.00; Hazen and Sawyer, P.C., in an amount up to \$100,000.00; Brown and Caldwell in an amount up to \$50,000.00; and Tetra Tech, Inc. in an amount up to \$10,000.00.

DocuSigned by:

*George R. Keller Jr., CPPT*

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

12/6/2023

Date