



**Meeting Type** City Council – Regular Meeting

**Meeting Date** May 21, 2025

## **Agenda Request Form**

### **City of Cape Coral**

#### **Title**

Resolution 126-25

#### **Ordinances and Resolutions**

A Resolution of the Mayor and City Council of the City of Cape Coral, Florida, awarding Request for Proposal No. RUT2391KR for the Professional Engineering and Design Services of the North-South Transfer Pump Station Rehabilitation Project to AECOM Technical Services, Inc.; approving Contract No. RUT2391KR between the City of Cape Coral, Florida and AECOM Technical Services Inc. to provide Professional Engineering and Design Services for the North-South Transfer Pump Station Rehabilitation Project for an amount not to exceed \$1,076,301; authorizing the City Manager or their designee to execute the contract and purchase orders.

Department: Utilities

Dollar Value: \$1,076,301 (Water and Sewer Fund)

Duration: 365 calendar days for design after the Notice to Proceed is issued, 545 days for project management, permitting, bid support, construction and engineer of records services.

Procurement Methodology: Competitive Solicitation – Request for Proposal

**Requested Action** Approve or Deny

#### **Summary Explanation and Background**

The City of Cape Coral Utilities Department operates the North-South Transfer Pump Station (NSTPS) located at 429 NE 5th Ave. The NSTPS is a primary component of the irrigation water supply system. The facility pumps surface water from the City's freshwater canals located north of Pine Island Road to the freshwater canal system south of Pine Island Road. Five of the City's six freshwater canal pump stations are located south of Pine Island Road.

The NSTPS is comprised of two independent pumping systems. Each system has a wet well, two axial flow pumps, and a dedicated discharge pipe that conveys freshwater from Regina Canal to the Mackinac Canal, located on the south side of Pine Island Rd. NSTPS Pump Station #1, built in 1990, utilizes a gravity-fed 36-inch Reinforced Concrete Pipe for water conveyance and was designed for low pressure water flow under gravity, limiting the water conveyance capacity. NSTPS Pump Station #2, built in 2002, utilizes a pressurized 30-inch Ductile Iron Pipe for water conveyance.

A single LCEC electrical service supplies both pump stations, with an electrical load near the maximum capacity rating of the electrical service main circuit breaker when all pumps are operating. The variable frequency drives that control and modulate power to the pumps are housed in exterior, non-climate controlled electrical panel boxes. Neither pump station is equipped with a flow meter.

The pump stations require retrofit and rehabilitation to accommodate higher flow demands. The NSTPS rehabilitation will increase the reliability, efficiency, capacity and operational control, and incorporate metering instrumentation for documenting operating flow rate and total volume pumped. Professional engineering services are required for the NSTPS rehabilitation project.

On September 12, 2023, Request for Proposal RUT2391 KR Professional Engineering for the NSTPS closed and one proposal was received from AECOM Technical Services, Inc. The proposal was reviewed for completeness by Staff. On October 10, 2023, the SAC ranked AECOM Technical Services, Inc. #1 firm and the City Manager approved entering negotiations with AECOM Technical Services, Inc. In December 2023, the project was placed on hold and re-started in the spring of 2024.

When the project was re-started in 2024, Staff determined that it would be in the best interest of the City to restart negotiation with AECOM Technical Services, Inc. as the number ranked firm.

If approved, the contract with AECOM Technical Services, Inc. is for a not to exceed amount of \$1,076,301. The contract duration will be 365 calendar days for design after the Notice to Proceed is issued and 545 days for project management, permitting, bid support, construction and engineer of records services.

### **Strategic Plan Alignment**

Is this a Strategic Decision? **YES**

If No, will it harm the intent or success of the Strategic Plan? **Choose an item.**

If Yes, Priority Goals Supported are listed below:

- CITY SERVICES AND AMENITIES: DELIVER EXCEPTIONAL CITY SERVICES AND HIGH-QUALITY AMENITIES
- COMMUNICATION: CULTIVATE AN ENGAGED AND INFORMED COMMUNITY AND WORKFORCE
- ECONOMY, EDUCATION, AND WORKFORCE: CREATE A COMMUNITY OF PROSPEROUS RESIDENTS, THRIVING NEIGHBORHOODS, AND SUCCESSFUL BUSINESSES
- FISCAL SUSTAINABILITY: MAINTAIN A FINANCIALLY SOUND GOVERNMENT AND HIGH-PERFORMING ORGANIZATION
- INFRASTRUCTURE: INVEST IN RESILIENT INFRASTRUCTURE
- ENVIRONMENTAL SUSTAINABILITY: PRESERVE CAPE CORAL'S NATURAL RESOURCES FOR CURRENT AND FUTURE GENERATIONS

Is this a Consultant recommendation? **NO**

Is this contained in a Master Plan? **NO**

If yes to either question, please provide details of the name of Consultant or name of the Master Plan when applicable:

### **Recommendations**

Staff recommends award of RFP No. RUT2391KR, and corresponding contract, to AECOM Technical Services, Inc., to provide professional engineering and design services for the North-South Transfer Pump Station Rehabilitation.

### **Source of Additional Information**

Jeff Pearson, Utilities Director, [jpearson@capecoral.gov](mailto:jpearson@capecoral.gov), 239-574-0709

### **Fiscal Impact/Funding Sources(s)/Budget Consideration**

Water & Sewer Fund  
Account #C36401037 IRR-26 NSTPS Upgrade

Will this action result in a Budget Amendment? **NO**

**Prepared By**

Wanda Roop (JM)