



**CITY OF FORT LAUDERDALE  
City Commission Agenda Memo  
REGULAR MEETING**

**#17-0479**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Lee R. Feldman, ICMA-CM, City Manager

**DATE:** May 2, 2017

**TITLE:** Motion to Approve Contract for Rehabilitation of Pre-Stressed Concrete  
Cylinder Pipe at George T. Lohmeyer Wastewater Treatment Plant –  
Metro Equipment Service, Inc. - \$4,228,000

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**Recommendation**

It is recommended that the City Commission approve a contract, in substantially the form attached, with Metro Equipment Service, Inc., (Metro) for the George T. Lohmeyer Wastewater Treatment Plant (GTL) Pre-Stressed Concrete Cylinder Pipe (PCCP) Rehabilitation Project in the amount of \$4,228,000.

**Background**

GTL has previously experienced failures of several large-diameter process pipes, which have been provided with temporary, above-ground repairs/bypasses. This project will replace the PCCP conveying pretreated raw sewage from the pretreatment building to the inlet box at Reactor Number Two, and the PCCP conveying clarifier influent wastewater from the outlet box of Reactor Number One to the clarifier splitter box at Battery Number Three. There is approximately 1,245 linear feet of 42-inch and 48-inch diameter PCCP to be removed and/or replaced with ductile iron pipe (DIP). 435 linear feet of PCCP will be removed and the remaining length will be removed and replaced with approximately 410 linear feet of new DIP, while the remaining 400 linear feet of replacement will result from disassembling an existing, temporary above-ground 48-inch DIP, and re-installing it in the ground. In designing this project, DIP was determined to be a more suitable material than PCCP to provide long term durability of the pipe section.

On October 24, 2016, the Procurement Services Division issued Invitation to Bid No. 663-11811 and received three bids. The bid submitted by Metro has been deemed the lowest cost bid. Although Metro has been deemed the lowest cost bidder, Public Works Engineering Services staff has concerns due to Metro's poor prior performance on City Project, No. 11766 (D-37 Pump Station Replacement). The quality of their work and performance in providing services and/or materials was substandard and the project was delivered two months past the contractual completion date.

Furthermore, this PCCP Rehabilitation Project has very high environmental risks due to the fact that the work required to replace a critical pipe within GTL requires temporary

by-pass pumping of the entire flow to the Plant, which could fluctuate in volume anywhere from 35 to 100 million gallons of raw sewage in a day. The City of Fort Lauderdale is in negotiations with the Florida Department of Environmental Protection regarding a potential consent order due to several sanitary sewer overflow (SSO) incidents that the City has been experiencing over the past two years. An SSO incident of this magnitude at GTL, due to by-pass pumping failure, could have significant ramifications to the City.

During staff's review of Metro's bid, it was not immediately clear on who would perform the critical temporary by-pass portion of the work. Based on their submittal, Metro did not indicate that they would be subcontracting the temporary by-pass pumping work. Additionally, Metro did not indicate they own, nor did they state they would be renting, the equipment necessary to perform the temporary by-pass pumping effort. The City required disclosure of sub-contractor information as part of the bid solicitation since it is considered a high risk component of the work to be performed. Upon further investigation by staff, as part of the background bid review, Metro disclosed it would, in fact, be subcontracting the temporary by-pass pumping but has not selected a company to perform the work and was still evaluating various by-pass subcontractors.

Although Metro's bid may be considered non-responsible due to the reasons outlined above, it was deemed the lowest cost bidder and the additional information received provides greater assurance that they understand the scope and risk associated with bypass pumping operations. Pursuant to the City's Code of Ordinances Section 2-184, awards of contracts and/or purchases shall be to the lowest, responsive and most responsible bidder. In determining the lowest, responsive and responsible bidder and that the purchase or contract will serve the interests of the city, several items shall be considered in addition to price. If the City Commission approves this contract, it is making the finding that the contractor is the lowest, responsive and most responsible bidder after considering price and the following items:

1. The ability, capacity and skill of the bidder to perform under the terms of the bid documents.
2. Whether the bidder can perform the contract or provide the materials or service promptly, or within the time specified, without delay or interference.
3. The character, integrity, reputation, judgment, experience and efficiency of the bidder.
4. The quality of performance of previous contracts and the providing of materials and/or services.
5. The previous and existing compliance by the bidder with laws and ordinances relating to the contract, or the providing of materials or services.
6. The sufficiency of the financial resources and ability of the bidder to perform the contract or provide the materials or services.
7. The quality, availability and adaptability of the supplies, equipment, or contractual services to the particular use required.
8. The ability of the bidder to provide future maintenance and service for the use of the subject of the contract.
9. The number and scope of conditions attached to the bid.

### **Resource Impact**

There will be a fiscal impact to the City in the amount of \$4,228,000 for the contract award and \$211,500 for in-house project management fees or a total cost of \$4,439,500.

<i>Funds available as of April 5, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
451-P11773.451-6599	GTL WWTP REHABILITATION OF PRE-STRESSED CONCRETE CYLINDER PIPE	CAPITAL OUTLAY/ CONSTRUCTION	\$7,486,536	\$7,104,259	\$4,439,500
<b>TOTAL AMOUNT ►</b>					\$4,439,500

### **Strategic Connections**

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient community
- Objective 1: Proactively maintain our water, wastewater road and bridge infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

### **Attachments**

Exhibit 1 - Bid Tabulation

Exhibit 2 - Contract

Exhibit 3 - Solicitation

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