



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#17-0407

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 Professional Engineering Construction Services for
Rehabilitation of the George T. Lohmeyer Wastewater Treatment Plant
Pre-Stressed Concrete Cylinder Pipe Sequence A - CDM Smith, Inc. -
\$71,660

Recommendation

It is recommended that the City Commission approve Task Order Number 36 (Exhibit 1), with CDM Smith, Inc., formerly known as Camp Dresser & McKee Inc., in the amount of \$71,660, for the George T. Lohmeyer Wastewater Treatment Plant (GTL) Pre-Stressed Concrete Cylinder Pipe (PCCP) Rehabilitation project.

Background

GTL has previously experienced several large-diameter process pipe failures, 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 the disassembling an existing, temporary above ground 48-inch DIP, and re-installing it in the ground. The work described above is covered under Work Sequence A of the construction documents. This task order will provide engineering services during the construction of Work Sequence A.

This Task Order is being entered into pursuant to the General Wastewater Consultant Professional Architectural Engineering Services agreement with CDM Smith, Inc. (Contract #606-10482), approved by City Commission on May 3, 2011 and expiring on May 2, 2018.

Resource Impact

There will be a fiscal impact to the City in the amount of \$71,660 for the task order and \$8,600 for estimated in-house project management fees, for a total estimated impact of \$80,260. Funds for this purchase are available in the FY 2017 Capital Investment Plan in the account listed below:

<i>Funds available as of March 28, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
451-P11773.451-6534	GTL WWTP Rehabilitation of Pre- Stressed Concrete Cylinder Pipe	Capital Outlay / Construction	\$7,486,536	\$7,104,259	\$80,260
PURCHASE TOTAL →					\$80,260

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*.

Related CAM

#17-0479

Attachment

Exhibit 1 – Task Order Number 36

Prepared by: Daniel Lizarazo, P.E., Project Manager II
Alan Dodd, P.E., Public Works Deputy Director

Department Director: Paul Berg, ICMA-CM Public Works Director