



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

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

DATE: April 7, 2015

TITLE: Cooling Tower Media Replacement for the George T. Lohmeyer
Wastewater Treatment Plant – Solutionwerks, Inc. - \$82,000

Recommendation

It is recommended that the City Commission award a contract for the replacement of cooling tower media at the George T. Lohmeyer Wastewater Treatment Plant (GTL) to the lowest cost, responsive and responsible bidder, Solutionwerks, Inc., utilizing the City's Contract (Form P-0001) in the amount of \$82,000.

Background

GTL has two cooling towers in operation at the cryogenic facility located within the wastewater plant. These cooling towers provide cooling capabilities to three main air compressors during production of pure liquid oxygen used in the wastewater treatment process. The cooling media and spray nozzles in the cooling towers have severely deteriorated to the point of issues with proper cooling of the compressors. This affects the reliability and performance of the cooling system and compressors, and ultimately the production of liquid oxygen.

This work is a Community Investment Project (CIP) planned for in the Central Region Annual Renewal and Replacement Requirement Analysis (R&R).

The media in these towers have a life span of twenty years as per the 2014 R&R report. This media was previously replaced in 1995. The current replacement is scheduled as part of the FY 2015 CIP Budget.

The Procurement Services Division issued Invitation for Bid number 453-11565 and received two responses. Solutionwerks, Inc. was the lowest cost, responsive and responsible bidder.

Resource Impact

There will be a fiscal impact to the City in the amount of \$82,000. The available balance in the chart below reflects the amount remaining after the removal of pre-encumbrances established for this purchase.

Funds available as of March 3, 2015					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	OBJECT CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	PURCHASE AMOUNT
451-P12108.451-6599	GT Lohmeyer Cryogenic Cooling Towers	Capital Outlay/ Construction	\$111,000	0	82,000
PURCHASE TOTAL ►					\$ 82,000

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*

Attachment

Exhibit 1 – Bid Tabulation

Prepared by: Robert McKenney, Procurement Specialist II
Elizabeth Cohen, Administrative Assistant I

Department Director: Hardeep Anand, P.E., Public Works