



Staff Report

File #: 15-840, **Version:** 1

Agenda Date: 1/12/2016

Subject:

Change Order No. 1 to the agreement with RTD Construction, Inc. for Process Pump 90 modifications at the Waste-to-Energy Facility.

Recommended Action:

Approve and sign Change Order No. 1 with RTD Construction, Inc. (RTD Construction) for Process Pump 90 modifications at the Waste-to-Energy (WTE) Facility.

Bid No. 134-0449-CP(DF); PID No. 000244A/2137; in the amount of \$71,404.30, to be completed by February 11, 2016.

Strategic Plan:

Practice Superior Environmental Stewardship

3.4 Reduce/reuse/recycle resources including energy, water, and solid waste

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

Summary:

The change order is for the installation of a "looped" water system (supplying water from two directions) to serve the WTE facility. The additional work scope includes the installation of approximately two hundred (200) linear feet of six (6) inch pipe, including appurtenances, to be connected to the existing service water line.

The added value of the looped system includes:

1. Improved water pressure to all points of the WTE service water system
2. Elimination of dead end piping, which will mitigate sediment build-up
3. Increased reliability of the service water system during maintenance events

Background Information:

During the design phase, the team proposed to repurpose a segment of six (6) inch boiler feed piping that was not in use to create a looped water system. However, the out-of-service lime softening plant tanks and equipment obstructed the underground route for the proposed looped water system pipeline. Recently, the new WTE contractor completed the demolition of the lime softening plant, thus facilitating the opportunity to implement the looped water system improvements.

The original project scope was to modify a portion of the pumping and piping system to provide for controlled gravity feed of service water from the ground storage tank to the cooling tower reservoir, and to provide service water to the WTE facility to meet current demands, thereby, reducing the purchase of reclaimed water. The process pump 90 is a retrofit and upgrade which includes new variable frequency drives/motor control system and modification of exiting piping allowing for a direct

connection between the existing ground storage tank and the WTE cooling tower reservoir.

Fiscal Impact:

Original Agreement Amount:	\$462,120.00
Increase due to Change Order No. 1:	\$ 71,404.30
Revised Agreement Amount:	\$533,524.30

Funding for this project is derived from the Solid Waste Enterprise fund.

Staff Member Responsible:

Kevin Becotte, Director, Engineering and Technical Support
Joe Lauro, Director, Purchasing

Partners:

N/A

Attachments:

Change Order No. 1



CONSTRUCTION CHANGE ORDER NO. 1

PROJECT: Process Pump 90 Modifications – Waste to Energy Facility
PROJECT NO.: 134-0449-CP(DF)
AGREEMENT DATE: November 18, 2014
COMMENCEMENT DATE: February 6, 2015
OWNER: Pinellas County
CONTRACTOR: RTD Construction, Inc.

REASON FOR CHANGE:

This change order allows for the addition of a “looped” water system for this project to serve the Waste to Energy (WTE) facility. Approximately two hundred (200) linear feet of six (6) inch pipe, including appurtenances, will be installed and connected to the existing service water line. Location will be at the west end of the existing pedestrian bridge with a tie-in to the existing six (6) inch water line near an existing fire hydrant. The tie-in location will require concrete work and placement of bollards to protect the existing fire hydrant. The contractor agrees to conform to all existing contract specifications as well as those specific to this work.

The agreement term increases by one hundred thirty (130) consecutive calendar days as part of this change order. The revised agreement term expiration date is February 11, 2016.

CHANGE IN AGREEMENT PRICE:

Original Agreement Amount:	\$462,120.00
Increase due to Change Order No. 1:	\$ 71,404.30
Revised Agreement Amount:	\$533,524.30

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison Avenue, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase



Your acceptance of this Change order shall constitute a modification to our Agreement and will be performed subject to all of the same terms and conditions as contained in our Agreement indicated above, as fully as if the same were repeated in this acceptance. Acceptance by Contractor of this adjustment to the agreement shall constitute a full and final settlement and release by Contractor of any and all claims, whether known or unknown, against the Owner arising out of or related to the substance of or the circumstances giving rise to the change or changes set forth herein, including claims for impact and delay costs.

ATTEST:

PINELLAS COUNTY, FLORIDA
by and through its Board of County
Commissioners

By: _____
Ken Burke
Clerk of the Court

By: _____
Chairman
Board of County Commissioners

Date: _____

APPROVED AS TO FORM

By: _____
Office of the County Attorney

ATTEST:

By: _____
Melinda Kinds, Witness
Type/Print Name and Title

CONTRACTOR:

By: _____
Rusty A. Mangham V.P.
Type/Print Name and Title

(SEAL)