



**CITY OF
FORT LAUDERDALE**

Change Order No. 3

P12197

Fiveash Water Treatment Plant Hydrotreators
3 and 4 Influent Pipe Modifications



To: Lee R. Feldman, ICMA-CM, City Manager
From: Paul A. Berg, ICMA-CM, Public Works Director
Date: February 6, 2018
Re: Change Order No. 3 for Project 12197

Job Description: P12197 – Fiveash Water Treatment Plant Hydrotreators 3 and 4 Influent Pipe Modifications

Contractor: RF Environmental Services, Inc.

Amount: Total amount of Change Order No. 3: \$41,288.09 and 119 additional calendar days.

Funding: PBS670101-3299 (P12197.454-6599) - \$41,288.09

Itemized and explained as follows:

1. Repair leaks in Hydrotreater #3 sludge recirculation lines (Deduction). In Change Order #2, work to repair the sludge piping was included but the proposed repairing method cannot be performed due to the market unavailability of a 4" NSF 61 approved liner required to seal the pipes. For that reason, this work is removed from the scope.
2. Repair leaks in Hydrotreater #3 sludge recirculation lines. The existing 4 inch sludge recirculation lines are leaking. During the excavation process to replace the 30 inch influent pipe, ground water was present; the ground water was tested and discovered to contained chlorine. The sludge recirculation lines were pressure tested, to confirm the presence of leaks and the source of the chlorine. The method used to repair the leaks will be an application of brush casting epoxy lining applied to the inside the pipes. Once the epoxy application is completed, a CCTV pipeline inspection will be performed to confirm the leaks have been sealed.
3. Due to the additional scope associated with this change order and the free chlorination process which was performed at the Fiveash WTP from June 20th, 2017 to August 7th, 2017, an additional one hundred nineteen (119) calendar days will be added to the contract time. The revised completion date is March 8, 2018.

(A) DEDUCTIONS

Item No.

CO 3-1 Repair leaks in Hydrotreater #3 sludge recirculation lines from Change Order (\$12,880.33)
No. 2.

TOTAL DEDUCTIONS (\$12,880.33)



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(B) ADDITIONS

Item No.

CO 3-2 Repair leaks in Hydrotreator #3 sludge recirculation lines. \$54,168.42

TOTAL ADDITIONS \$41,288.09

ADDITIONAL CONTRACT TIME BEING REQUESTED

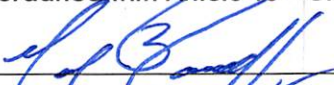
ONE HUNDRED (119) CALENDAR DAYS

THE TOTAL AMOUNT OF THIS CHANGE ORDER

\$41,288.09

This Change Order provides for all costs and schedule adjustments associated with completing the work, including materials, labor, equipment, bond, insurance, overhead, profit, impacts, and any and all related items or associated costs incurred or resulting from the items listed above, and is provided in accordance with Article 13 – Changes in the Work of the Contract.

Approved:



Thaddeus R. Buckley, CEO
RF Environmental Services, Inc.

02/07/18
Date

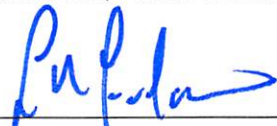
Recommended by:



Paul A. Berg
ICMA-CM, Public Works Director

2/23/18
Date

Approved by:



Lee R. Feldman
ICMA-CM, City Manager

2/26/18
Date

cc: Alan Dodd, P.E., Deputy Public Works Director
Christopher Bennett, P.E., Assistant City Engineer
Scott Teschky, CCM, LEED AP BD+C, Senior Project Manager
Financial Administrator
Project File



CHANGE ORDER SUMMARY SHEET

ORIGINAL CONTRACT AMOUNT	\$399,096.00
COST OF CHANGE ORDERS TO DATE	\$104,016.89
COST OF THIS CHANGE ORDER	\$41,288.09
TOTAL:	\$544,400.98
ORIGINAL CONTRACT TIME	330 calendar days
TIME ADDED TO DATE	0 calendar days
TIME ADDED TO THIS CHANGE ORDER	119 calendar days
TOTAL:	449 calendar days

SCHEDULE OF CHANGE ORDERS TO DATE

C.O.#	DATE	DESCRIPTION	AMOUNT OF COST OR CREDIT
1	3/3/17	Pipeline inspection, cleaning, pipe-line video and inspection report.	\$10,628.43
2	5/2/17	Repair Leaks in Existing 30" PCCP Piping Hydrotreater #3. Removal of existing thrust blocks Hydrotreater #4. Testing of existing Hydrotreater #3 sludge recirculation lines to find leaks. Repair leaks in sludge recirculation lines.	\$93,388.46



COMMISSION AGENDA ITEM
DOCUMENT ROUTING FORM

206
2/27/18

Today's Date: 2/23/2017

DOCUMENT TITLE: Change Order #3 for P12197 – Fiveash Water Treatment Plant Hydrotreaters 3 and 4 Influent Pipe Modifications

COMM. MTG. DATE: 2/6/2018 CAM #: 18-0106 ITEM #: P-5 CAM attached: YES NO

Routing Origin: Purchasing Router Name/Ext: Linda B/X5141 Action Summary attached:

CIP FUNDED: YES NO

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, or fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, or real.

2) City Attorney's Office: Documents to be signed/routed? YES NO # of originals attached: 2

Is attached Granicus document Final? YES NO Approved, as to Form: YES NO

Date to CCO: _____
Attorney's Name

Initials
[Handwritten Signature]

3) City Clerk's Office: # of originals: _____ Routed to: Gina Ri/CMO/x5013 _____ Date: _____

4) City Manager's Office: CMO LOG #: Feb-104 Document received from: CCO 2/26/18

Assigned to: L. FELDMAN S. HAWTHORNE C. LAGERBLOOM
L. FELDMAN as CRA Executive Director

APPROVED FOR LEE FELDMAN'S SIGNATURE N/A FOR L. FELDMAN TO SIGN

PER ACM: S. HAWTHORNE _____ (Initial/Date) C. LAGERBLOOM _____ (Initial/Date)

PENDING APPROVAL (See comments below)

Comments/Questions: _____

Forward 2 originals to Mayor CCO Date: 2/27/18

5) Mayor/CRA Chairman: Please sign as indicated. Forward _____ originals to CCO for attestation/City seal (as applicable) Date: _____

INSTRUCTIONS TO CITY CLERK'S OFFICE

City Clerk: Returns originals to: Linda Blanco/Procurement/X5141

Attach _____ certified Reso # _____ YES NO Original Route form to Linda Blanco