

CHANGE ORDER APPROVAL FORM

PROJECT: NAU WWTF Headworks Rehab
and Aeration Piping Replacement

CHANGE ORDER: 3

DATE: 03/29/17

CONTRACT NUMBER: CM2348

TO CONTRACTOR: SGS Contracting Services, Inc.

Reason for Change Order: Due to additional repair required upon inspection of the tank walls, the quantity needs to be increased above the original bid estimate.

Original Contract Sum.....	\$	<u>616,212.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>147,063.15</u>
Contract Sum Prior to This Change Order.....	\$	<u>763,275.15</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>33,750.00</u>
New Contract Sum Including this Change Order.....	\$	<u>797,025.15</u>

17 MAR 31 PM 2:52

The contract for substantial completion will be (increased) (decreased) (unchanged) by 0 days;
Substantial Completion: 08/04/17; Final Completion: 09/03/17

APPROVED BY: [Signature]
Project Manager (Department Head)

DATE: 3/30/17

APPROVED BY: [Signature]
Procurement Manager

DATE: 3/30/17

APPROVED BY: [Signature]
Director of Office of Management & Budget

DATE: 4/13/17

APPROVED BY: [Signature]
County Manager

DATE: 4-6-17

ACCOUNT NO.:	<u>71500535-563551 WWHW</u>	<u>\$33,750.00</u>
	<u>71500535-563551 WWPIP</u>	<u>\$0.00</u>

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**SECTION 00 63 63
CHANGE ORDER REQUEST FORM**

NAU WWTF Part A – Headworks Rehab and Part B – Aeration Piping Replacement

No. 03

PROJECT – NAU WWTF Headworks Rehab and Aeration Piping Replacement
DATE OF ISSUANCE: 3/15/2017

EFFECTIVE DATE 3/15/2017

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract / Purchase Order No.: CM2348

CONTRACTOR: SGS Contracting Services, Inc. ENGINEER / ARCHITECT: GAI Consultants, Inc.

You are directed to make the following changes in the Contract Documents.

Description: ADD: Increase quantity of concrete wall repairs.

Reason for Change Order: Due to additional repair required upon inspection of the tank walls, the quantity needs to be increased above the original bid estimate.

Attachments: GAI Letter of recommendation.

RECOMMENDED:

By: 
Engineer/Architect (Authorized Signature)

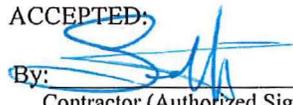
Date: 3/29/2017

APPROVED:

By: 
COUNTY (Authorized Signature)

Date: 4-6-17

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: 3/29/2017

CHANGE ORDER INSTRUCTIONS

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Contract Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating change order items to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed, any effect of a Change Order, thereon, should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract

Times, a Field Order may be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer / Architect / Etc. initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from the County or both.

Once Engineer / Architect / Etc. has completed and signed the form, all copies should be sent to Contractor for approval. After approval by Contractor, all copies should be sent to the County for approval. Engineer should make distribution of executed copies after approval by the County.

If a change only applies to Contract Price or to Contract Times, cross out the part of the tabulation that does not apply.

END OF SECTION



Jacksonville Office
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Suite 900
Jacksonville, Florida 32207

T 904.363.1110
F 904.363.1115

March 10, 2017

GAI Project No. A120925.06/10

Ms. Becky Hiers-Bray, PE
Nassau County
96161 Nassau Place
Yulee, Florida 32097

**Nassau Amelia Utilities WWTP Headworks Rehabilitation
Change Order Recommendation – Concrete Repair (CO #3)**

Dear Ms. Hiers-Bray:

This letter provides GAI's recommendation for a change in the required quantity to complete necessary additional repair of the concrete tanks at NAU's wastewater treatment facility.

During the design phase, limited concrete "spot" repairs were anticipated within the basins of the treatment plant. At the bid, a total quantity of 10 square feet was included for concrete wall repair, with a bid price of \$225 per square foot (bid items A.3.1 and A.3.2). This quantity was a rough estimate, as the condition of the existing tanks could not be fully determined until the tanks were drained and inspected during construction.

Upon draining and inspection of the tanks in Train 1, more repairs were discovered to be in need of repair than originally anticipated in the bid quantities. Please note that the surge tanks were separately repaired and coated in Change Order 1 due to the excessive repair/surface rehabilitation requirements for these. For the remaining concrete tank repairs in the treatment basins, we estimate approximately 160 square feet is required for repair of the tank walls. Therefore, for this change order, we recommended the following quantities for wall repair:

160 sq ft (revised estimated quantity) – 10 sq ft (original bid quantity) = 150 sq ft additional required

150 sq ft * \$225/ sq ft = \$33,750.00 for this Change Order.

While this quantity is much higher than the original estimate in the bid, it is still a very small area of the total surface area of the basins. We are confident in this repair estimate based on the inspections which have occurred, but please note we expect there will be some adjustment to this quantity based on the final actual repairs completed.

SGS Contractors is preparing to and will complete the repairs per the specifications. They are working with our structural engineer and on-site inspector to complete the repairs properly and to protect the tank structure so they will last for many years to come.

GAI recommends approval of the change order item for the tank repairs. The additional quantity is necessary to properly repair the tanks and the unit price remains per the bid documents, which are reasonable for the repair work which is needed. This work can be completed in parallel to other existing work, and we do not believe a time extension is necessary.

If you have any questions or would like to discuss the recommended change, please do not hesitate to contact us.

Sincerely,

GAI Consultants, Inc.

A handwritten signature in black ink, appearing to read 'M Scott Richards'.

Scott Richards

Sr. Engineering Manager - Water

321.319.3039 direct / 321.377.0753 cell