

CS16-238

17 SEP 21 AM 10:53

OFFICE OF CLERK OF SUPERIOR COURT MISSOURI COUNTY 11/2/2017

**CHANGE ORDER APPROVAL FORM**

PROJECT: NAU WWTF Headworks Rehab  
and Aeration Piping Replacement

CHANGE ORDER: 6

DATE: 8/22/2017

CONTRACT NUMBER: CM2348

TO CONTRACTOR: SGS Contracting Services, Inc.

Reason for Change Order: To add effluent box deflector, air piping offset section with pipe support and additional cost for lift to address in-field conflicts. As well as time extension for weather and FPU power line adjusts.

Original Contract Sum.....	\$	<u>616,212.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>237,779.15</u>
Contract Sum Prior to This Change Order.....	\$	<u>853,991.15</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>17,395.41</u>
New Contract Sum Including this Change Order.....	\$	<u>871,386.56</u>

The contract for substantial completion will be **(increased)** (decreased) (unchanged) by 67 days;  
Substantial Completion: 10/31/17; Final Completion: 11/30/17

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

DATE: 8/23/17

APPROVED BY: [Signature]  
Contract Management

DATE: 8/24/17

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

DATE: 8/29/17

APPROVED BY: [Signature]  
County Manager

DATE: 8-31-17

ACCOUNT NO.: 71500535-563551 WWPIP

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

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

No. 06

PROJECT – NAU WWTF Headworks Rehab and Aeration Piping Replacement  
DATE OF ISSUANCE: 8/16/2017

EFFECTIVE DATE 8/16/2017

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: 1 – Effluent Box Deflector; 2 – Air Piping Offset Section with pipe support; 3 – Time extension for June weather delays; 4 – Time extension for FPU power line adjustment; 5 – Additional cost for lift.

Reason for Change Order: Items 1 and 2 are required to address in-field conflicts/issues. Items 3 - 5 are related to the project delays due to weather and power line conflicts.

Attachments: GAI Letter of recommendation.

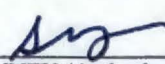
<p><b>CHANGE IN CONTRACT PRICE:</b></p> <p>Original Contract Price</p> <p>\$ <u>616,212.00</u></p>	<p><b>CHANGE IN CONTRACT TIMES:</b></p> <p>Original Contract Times</p> <p>Substantial Completion: <u>246</u></p> <p>Ready for Final Payment: <u>276</u> (days or dates)</p>
<p>Net change from previous Change Orders No. <u>01</u> to No. <u>05</u></p> <p>\$ <u>237,779.15</u></p>	<p>Net change from previous Change Orders No. <u>01</u> to No. <u>05</u></p> <p style="text-align: center;"><u>66</u> (days)</p>
<p>Contract Price prior to this Change Order</p> <p>\$ <u>853,991.15</u></p>	<p>Contract Times Prior to this Change Order</p> <p>Substantial Completion: <u>312</u></p> <p>Ready for Final Payment: <u>342</u> (days or dates)</p>
<p>Net Increase (decrease) of this Change Order</p> <p>\$ <u>17,395.41</u></p>	<p>Net Increase (decrease) of this Change Order</p> <p style="text-align: center;"><u>67</u> (days)</p>
<p>Contract Price with all approved Change Orders</p> <p>\$ <u>871,386.56</u></p>	<p>Contract Times with all approved Change Orders</p> <p>Substantial Completion: <u>379</u></p> <p>Ready for Final Payment: <u>409</u> (days or dates)</p>

RECOMMENDED:

By:   
Engineer/Architect (Authorized Signature)


Date: 8/16/2017

APPROVED:

By:   
COUNTY (Authorized Signature)

Date: 8-31-17

ACCEPTED:

By:   
Contractor (Authorized Signature)

Date: 8/16/17

## CHANGE ORDER INSTRUCTIONS

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### 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.

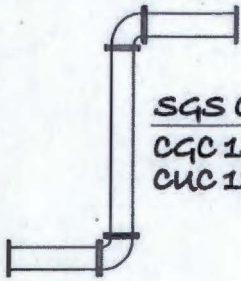
### B. COMPLETING THE CHANGE ORDER FORM

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**



SGS CONTRACTING SERVICES, INC.

CGC 1514772

CUC 1225090

## **PROPOSAL (#12)**

### **NAU Headworks & Aeration Piping Rehabilitation**

#### *Effluent Box Deflector Baffles*

**DATE: 07-10-2017**

Per the Contract Documents, we are submitting the attached proposal for the addition of deflector baffles in the effluent splitter box as requested by the Owner/Engineer.

- Misc. aluminum fabrication in the effluent splitter box.

#### **SCOPE OF WORK BY SGS:**

- |   |        |             |
|---|--------|-------------|
| • ADD – Materials & Fabrication, Subcontractor:         | Price: | \$ 1,398.50 |
| • ADD – 5% Contractor Markup for Subcontractor:         | Price: | \$ 70.00    |
| • ADD – Crew Labor to Assist, ¼ Day:                    | Price: | \$ 798.00   |
| • ADD – 2% bond premium (orig. contract price exceeded) | Price: | \$ 45.00    |

Subtotal: \$ 2,311.50

**GRAND TOTAL: \$ 2,311.50**

# COKER

INDUSTRIAL CONTRACTORS INC

85161 Commercial Park Drive  
Yulee, FL 32097

## Invoice

<b>Date</b>	<b>Invoice #</b>
6/28/2017	CIC-17-888
<b>Account #</b>	<b>Job #</b>
	1716

<b>Bill To</b>
SGS Contracting Services 14207 NW State Rd 45 High Springs, FL 32643

Rep	P.O. No.	Project	Terms	Due Date
		Aluminum Fab	Net 30	7/28/2017

Description	Quantity	Rate	Amount
Fabricate aluminum pieces	16	68.50	1,096.00
Materials		275.00	275.00
10% Mark Up		10.00%	27.50

Thank you for your business.

**Total** \$1,398.50

<b>Phone #</b>	<b>Fax #</b>
904.849.7206	904.849.7209

**Payments/Credits** \$0.00

**Balance Due** \$1,398.50



Office: 23625 W. US Hwy 27 – High Springs, FL 32643  
Shop: 14207 NW State Road 45 – High Springs, FL 32643  
Phone: (352)-745-6950  
CGC 1514772 / CUC 1225090

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## PROPOSAL (#13)

**PROJECT:** NAU HEADWORKS & AERATION PIPING REHABILITATION

**RE:** Air Header Above-Ground Re-Alignment

**DATE:** 08-11-2017

Per the Contract Documents, we are submitting the attached proposal for materials, labor & services required to provide re-alignment of the above-ground 12" air distribution header on the north side of the basin. Also, this proposal includes additional materials required for the installation of the new underground air distribution header (referenced by proposal #11) due to unforeseen underground conditions discovered by the preliminary excavation efforts. Proposal includes updated record drawing information of all underground facilities discovered during this task.

### **SCOPE OF WORK BY SGS:**

• ADD – Misc. Pipe Materials (attached)	Price:	\$ 8,172.59
• ADD – Pipe Welding Services (per invoice CIC-17-893)	Price:	\$ 1,127.20
• ADD – Pipe Welding Services (future, same as above)	Price:	\$ 1,127.20
• ADD – Concrete Pad (Materials, estimate)	Price:	\$ 500.00
• ADD – Crew Labor, 1 Day	Price:	\$ 3,190.00
• ADD – 5% Contractor Markup for Subcontractor	Price:	\$ 112.72
	Subtotal:	\$ 14,229.71
	2% Bond:	\$ 284.59

**GRAND TOTAL:** \$ 14,514.30

In addition, we respectfully request an additional seven (7) calendar days be added to the timeframe for Substantial Completion.

# **McDade** Waterworks, Inc.

5410 56th Commerce Park Boulevard - Tampa, FL 33610  
Post Office Box 16039 - Tampa, FL 33687-6039  
(813) 740-1144 - FAX (813) 627-9387

*Serving the Water & Wastewater Plant Industry for over 28 Years*

To:	SGS CONTRACTING
Attn:	SETH
Subject:	AMELIA ISLAND
From:	John P. Bunn

Fax:	
Phone:	
Date:	
Quote #:	SO# 46431

Terms	F.O.B.	Freight	Ship Via	Validity
Net 30	MCDADE	PPA - \$150	Best Way	30 Days

Quantity	Description	Unit Price	Total	Del
2	12" FLG X FLG 90 316 STAINLESS	1,932.85	3,865.70	1-2 WKS
1	12" X 4'-0" FLG X PE 316SS STAINLESS	1,447.14	1,447.14	1-2 WKS
3	12" X 1/8" FF KLINGER GASKET, C4401, 150#	35.00	105.00	1-2 WKS
1	12" SLIP-ON FLANGE 150# STAINLESS	362.90	362.90	1-2 WKS
1	12" PIPE SUPPORT 316SS	485.00	485.00	1-2 WKS
ADDITIONAL ITEMS FOR AIR LINE CHANGE				
1	12" MEGAFLANGE KIT W/ SST BOLTS	473.00	473.00	1-2 WKS
1	6" MJ 45 ZINC-COATED	75.25	75.25	2-3 WKS
2	6" MEGALUG KIT FOR DIP	49.00	98.00	1-2 WKS
1	6" MEGAFLANGE KIT W/ SST BOLTS	298.00	298.00	1-2 WKS
		-	-	
1	FREIGHT ESTIMATE	500.00	500.00	
		-	-	
		-	-	
		Sub-Total:	7,709.99	
		TAX (6%)	462.60	
		TAX surch.	50.00	
		Total:	\$ 8,172.59	

All Material Subject to Prior Sale

This quotation is for your acceptance in its entirety within 30 days. If quantities or descriptions should change, McDade Waterworks, Inc. reserves the right to submit a revised quotation.

Sincerely,  
McDade Waterworks, Inc.

John P. Bunn

# COKER

INDUSTRIAL CONTRACTORS INC

85161 Commercial Park Drive  
Yulee, FL 32097

## Invoice

<b>Date</b>	<b>Invoice #</b>
7/10/2017	CIC-17-893
<b>Account #</b>	<b>Job #</b>
	1723

<b>Bill To</b>
SGS Contracting Services 14207 NW State Rd 45 High Springs, FL 32643

Rep	P.O. No.	Project	Terms	Due Date
		12" Pipe Callout	Net 30	8/9/2017

Description	Quantity	Rate	Amount
Millwright Working Foreman - ST Rate	8	59.50	476.00
Millwright Mechanic - ST Rate	8	56.90	455.20
Service Truck w/ Tools	8	24.50	196.00

Thank you for your business.

**Total** \$1,127.20

<b>Phone #</b>	<b>Fax #</b>
904.849.7206	904.849.7209

**Payments/Credits** \$0.00

**Balance Due** \$1,127.20



INVOICE  
SEND ALL PAYMENTS TO:  
SUNBELT RENTALS, INC.  
PO BOX 409211  
ATLANTA, GA 30384-9211

INVOICE NO. 66680646-0007



620401

7/04/17

1 of 1

INVOICE TO

102-5193-6479  
SGS CONTRACTING SERVICES INC  
14207 NW STATE ROAD 45  
HIGH SPRINGS FL 32643-3322

HECKMAN, SHAWN

66680646

PENDING

2 - WWTP - WWTP

JOB ADDRESS

WWTP  
5390 FIRST COAST HIGHWAY  
FERNANDINA BEACH, FL 32034 5422  
352-443-2255

NORTH JACKSONVILLE PC061  
11004 BLASIVUS RD  
JACKSONVILLE, FL 32226-2338  
904-751-5992

QTY	EQUIPMENT #	Min	Day	week	4 week	Amount
1	25-26' ELECT SCISSOR NARROW 528241 Make: JLG Model: 2630ES HR OUT: 237.000 HR IN:	175.00	175.00	395.00	525.00	525.00
TOTAL: 237.000						
Rental Sub-total:						525.00

SALES ITEMS:

Qty	Item number	Unit	Price	Amount
1	ENVIRONMENTAL ENVIRONMENTAL	EA	7.350	7.35
BILLED FOR FOUR WEEKS 6/26/17 THRU 7/23/17.				

532.35

37.26

REMIT TO:

SUNBELT RENTALS, INC.  
PO BOX 409211  
ATLANTA, GA 30384-9211

NET DUE UPON RECEIPT

Invoices not paid within 30 days may be subject  
to a 1-1/2% per month charge.

INVOICE TOTAL

569.61

4 WEEK BILL



Jacksonville Office  
1301 Riverplace Boulevard  
Suite 900  
Jacksonville, Florida 32207

T 904.363.1110  
F 904.363.1115

August 11, 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 – Effluent Box Deflector, Air Piping Offset and Time Extension (CO #6)**

Dear Ms. Hiers-Bray:

This letter provides GAI's recommendation for a change order to address needed in-field adjustments and time delays which have NAU's wastewater treatment facility. This includes 5 items as follows:

1. Effluent Box Deflector – With the new headworks boxes installation, NAU staff noted during testing that the primary operational flow path will favor flow to Train 1. It is desirable to have some method of adjustment to evenly distribute flow between the two trains. GAI worked with NAU staff along with SGS input to propose a revision. The attached quotation for (Proposal #12) includes the necessary components to address the change.
2. Air Piping Offset – The initial air piping arrangement connected to the existing underground air line approximately 2 ft above ground level next to the sludge line. Upon installation of the 6 inch sludge return lines, there is insufficient space to implement the designed flange connection at the same elevation. A stainless steel spool piece is recommended to offset the air line to avoid conflict. This will require modification of the existing air line, an off-set pipe section and a pipe support with pad. The attached quotation for (Proposal #13) includes the necessary components to address the change. This also includes a request for 7 additional days.
3. Time Extension - Weather days (for month of June, 2017) – The weather was not favorable for construction during the month of June, with several rain-out days occurring. A total of 5 rain days were determined as follows: June 5, 6, 7, 8, 12. Additionally, we are recommending an additional 2 recovery days due to pumping of the basins after water filled them. This results in a total of 7 days.
4. Time Extension - Power line delays – The FPU power transmission lines route along the south side of the treatment facility, and are approximately 10-12 ft from the influent pipes. FPU's recent policy change requires the lines to be moved further away to allow safe installation of the new influent piping (which is a critical connection for the project to proceed). This was not anticipated and is outside control of NAU or SGS. SGS could not proceed with the installation of the influent mains until the power lines were relocated to a safe distance from the headworks influent piping. Based on the recent FPU completion, the resulting delay is 53 days. We are in agreement with the time extension for SGS to account for the delay in schedule.
5. Delay Costs – Related to the FPU power line delay, SGS is requesting reimbursement for 1 month of additional lift rental. It was more efficient to keep the lift on site when compared to the cost to mobilize/demobilize the lift. The costs for 1 month rental is provided in the attached receipt from SGS (\$569.61). We believe this is fair considering the delays which occurred. SGS is not requesting any other costs related to the time delay.

Ms. Becky Hiers-Bray

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8/11/2017

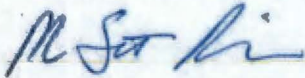
A120925.06/10

For the above items, the total for changes amounts to \$17,395.41 and the total time extension is 67 days. SGS Contractors has provided quotations which are in-line with expectations and we believe the time delays are justified. SGS has continued to adjust and work with NAU throughout the delays/changes which have occurred. GAI recommends approval of the change order item for the above noted items.

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

Sincerely,

**GAI Consultants, Inc.**



Scott Richards

Sr. Engineering Manager - Water

321.319.3039 direct / 321.377.0753 cell