

CS-16-164

RECEIVED

CONTRACT MANAGEMENT

**CHANGE ORDER APPROVAL FORM**

APR 17 AM 12:19

PROJECT: NAU WWTF Headworks Rehab  
and Aeration Piping Replacement

CHANGE ORDER: 4

DATE: 04/18/17

CONTRACT NUMBER: CM2348

TO CONTRACTOR: SGS Contracting Services, Inc.

Reason for Change Order: The new air diffuser piping is a different material type/thickness and requires more support for stability than the previous materials/supports to prevent future damage. Additional supports at the base will increase the life span and durability.

Original Contract Sum.....	\$	<u>616,212.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>180,813.15</u>
Contract Sum Prior to This Change Order.....	\$	<u>797,025.15</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>17,077.00</u>
New Contract Sum Including this Change Order.....	\$	<u>814,102.15</u>

17 APR 19 PM 3:29

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: 4/18/17

APPROVED BY: [Signature]  
Procurement Manager

DATE: 4/19/17

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

DATE: 4/21/17

APPROVED BY: [Signature]  
County Manager

DATE: 4-26-17

ACCOUNT NO.:	<u>71500535-563551 WWHW</u>	<u>\$0.00</u>
	<u>71500535-563551 WWPIP</u>	<u>\$17,077.00</u>

APR 27 PM 1:11

APR 27 PM 1:11

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

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

No. 04

PROJECT – NAU WWTF Headworks Rehab and Aeration Piping Replacement  
DATE OF ISSUANCE: 4/12/2017

EFFECTIVE DATE: 4/12/2017

RECEIVED  
 2017 APR 18 AM 8:24  
 NASSAU COUNTY  
 ENGINEERING SERVICES  
 DEPARTMENT

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: Provide additional air diffuser header supports.

Reason for Change Order: The new air diffuser piping is different material type/thickness and requires more support for stability than the previous materials/supports to prevent future damage. Additional supports at the base will increase the life span and durability.

Attachments: GAI Letter of recommendation.

<b>CHANGE IN CONTRACT PRICE:</b>  Original Contract Price  \$ <u>616,212.00</u>	<b>CHANGE IN CONTRACT TIMES:</b> Original Contract Times  Substantial Completion: <u>246</u> Ready for Final Payment: <u>276</u> (days or dates)
Net change from previous Change Orders No. <u>01</u> to No. <u>03</u>  \$ <u>180,813.15</u>	Net change from previous Change Orders No. <u>01</u> to No. <u>03</u>  <u>45</u> (days)
Contract Price prior to this Change Order  \$ <u>797,025.15</u>	Contract Times Prior to this Change Order  Substantial Completion: <u>291</u> Ready for Final Payment: <u>321</u> (days or dates)
Net Increase (decrease) of this Change Order  \$ <u>17,077.00</u>	Net Increase (decrease) of this Change Order  <u>n/a</u> (days)
Contract Price with all approved Change Orders  \$ <u>814,102.15</u>	Contract Times with all approved Change Orders  Substantial Completion: <u>291</u> Ready for Final Payment: <u>321</u> (days or dates)

RECOMMENDED:

By: [Signature]  
Engineer/Architect (Authorized Signature)

Date: 4/13/2017

APPROVED:

By: [Signature]  
COUNTY (Authorized Signature)

Date: 4-26-17

ACCEPTED:

By: [Signature]  
Contractor (Authorized Signature)

Date: 4/12/17

## 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.

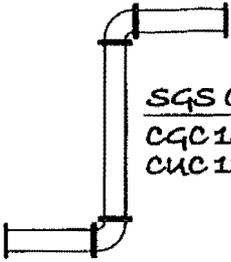
### B. COMPLETING THE CHANGE ORDER FORM

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.  
CQC 1514772  
CUC 1225090

## PROPOSAL (#10)

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

#### *Air Diffuser Header Supports*

**DATE:** 04-11-2017

Per the Contract Documents, we are submitting the attached proposal for the addition of pipe supports beneath the existing air diffuser headers. The new stainless steel air piping is a thinner pressure class than the original steel piping, and as a result it cannot support the full weight of the diffusers and drop pipes. The proposed supports will be installed two (2) per header, with the exception of the shorter headers which will only require one (1) support.

- Install twenty-eight (28) new 316SST pipe supports underneath existing air diffuser headers.
- Epoxy anchor SST all-thread and nuts on base plates
- Saddles to include neoprene or HDPE liner to prevent metal-to-metal contact

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

- |  |        |              |
|--|--------|--------------|
| • ADD – Pipe Supports (as described above and attached): | Price: | \$ 12,753.00 |
| • ADD – Epoxy & SST Fasteners (estimate):                | Price: | \$ 800.00    |
| • ADD – Crew Labor, 1/2 Day:                             | Price: | \$ 3,190.00  |
| • ADD – 2% bond premium (orig. contract price exceeded)  | Price: | \$ 334.00    |

Subtotal: \$ 17,077.00

**GRAND TOTAL: \$ 17,077.00**



April 10, 2017

Serving the Water & Wastewater Plant Industry for over 25 Years, Please visit us at:  
[www.mcdadewaterworks.com](http://www.mcdadewaterworks.com)

SGS Contracting Services, Inc.  
 Attn: Seth Simmons

Project: Amelia Island WWTF Part B - Aeration Air Piping Replacement  
 Bid Date: July 20, 2016 @ 4:00 PM  
 Addendum: 1-4  
 ARRA - No

**PRICING FOR DIFFUSER SUPPORTS**

<u>BID</u> <u>ITEM</u>	<u>QTY</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>UNIT \$</u>	<u>EXT \$</u>
11	VARIES		12" DIAMETER 316SST #53/#51 PIPE SUPPORTS <u>SIZE</u> RANGE 22" THRU 28" LONG ***SGS TO CONFIRM FINAL MEASUREMENTS PRIOR TO FABRICATION***	\$397.00	\$4,367.00
3	VARIES		12" DIAMETER 316SST #53/#51 PIPE SUPPORTS <u>SIZE</u> RANGE 33" THRU 38" LONG ***SGS TO CONFIRM FINAL MEASUREMENTS PRIOR TO FABRICATION***	\$425.00	\$1,275.00
1			ESTIMATED FREIGHT	\$350.00	\$350.00

TOTAL THIS BID ITEM - TAX NOT INCLUDED	\$5,992.00
TAX (6%) + 1% SURCHARGE ON FIRST \$5,000	\$409.52
<b>TOTAL THIS BID ITEM - TAX NOT INCLUDED</b>	<b>\$6,401.52</b>

Price Above is for TRAIN 1 ONLY.  
 Supports for TRAIN 2 will be same price.  
 TOTAL PRICE = \$12,753.04

FIG. 53

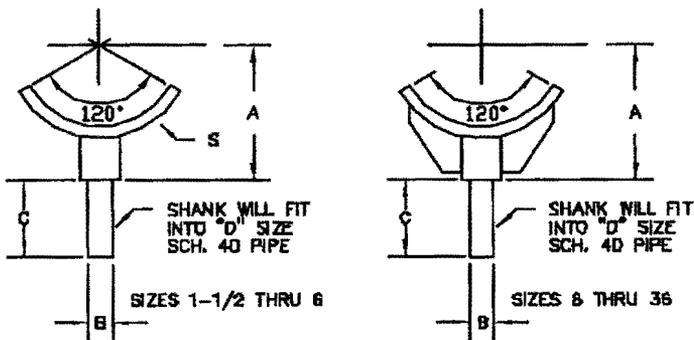


FIG. 53

PIPE SADDLE WITH SUPPORT STEM \_\_\_\_\_ FIG. 53

**MATERIAL:**

CARBON STEEL OR STAINLESS STEEL

**ORDERING:**

SPECIFY NAME, FIGURE NUMBER, PIPE SIZE, MATERIAL AND FINISH

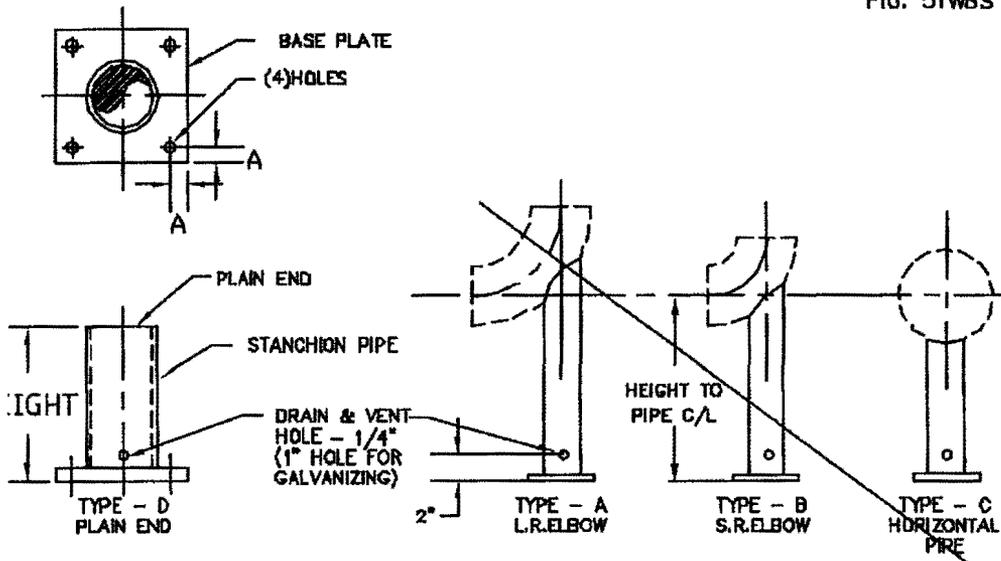
**NOTE:** THIS SADDLE MAY BE USED WITH FIG. 51A PIPE SUPPORT ADJUSTER AND A FIG. 51TBS THREADED BASE STAND OR A FIG. 51WBS WELDED BASE STAND.

**DIMENSIONS (INCHES)**

PIPE SIZE	S STOCK	A	B SCH 40 PIPE SIZE	C	D SIZE SCH 40 PIPE
2-1/2	1/4 X 2-1/2	2-11/16	1	2	1-1/2
3	1/4 X 2-1/2	3	1	2	1-1/2
4	3/8 X 4	3-13/16	2	3	2-1/2
5	3/8 X 4	4-3/16	2	3	2-1/2
6	3/8 X 4	4-7/8	2	3	2-1/2
8	3/8 X 4	6-15/16	2	4	2-1/2
10	3/8 X 4	7-15/16	2	4	2-1/2
12	3/8 X 4	8-1/8	2	4	2-1/2
14	1/2 X 4	10-1/2	2-1/2	4	3
16	1/2 X 4	11-1/2	2-1/2	4	3
18	1/2 X 5	13-1/2	3-1/2	4	4
20	1/2 X 5	14-1/2	3-1/2	4	4
24	1/2 X 5	17-1/2	3-1/2	4	4
30	5/8 X 5	20-5/8	3-1/2	4	4
36	5/8 X 5	23-5/8	3-1/2	4	4



FIG. 51WBS



PIPE STANCHION BASES

WELDED BASE STAND \_\_\_\_\_ FIG. 51WBS

MATERIAL:

CARBON STEEL OR STAINLESS STEEL

ORDERING:

SPECIFY NAME, FIGURE NUMBER, STANCHION PIPE SIZE, PROCESS PIPE SIZE, TYPE, HEIGHT, MATERIAL AND FINISH.

NOTES:

SADDLES FIG. 53 AND 53U WILL FIT ON FIG. 51WBS. TYPE - D.

DIMENSIONS IN INCHES

STANCHION PIPE SIZE P	BASE PLATE SIZE	HOLE SIZE	A	MAXIMUM PROCESS PIPE SIZE
1-1/4	1/4 X 8 X 8	9/16	1	3
1-1/2	1/4 X 8 X 8	9/16	1	4
2	3/8 X 8 X 8	9/16	1	5
2-1/2	3/8 X 8 X 8	11/16	1-1/4	8
3				8
4				10
5 - 8	3/8 X 10 X 10	13/16	1-1/2	18
8	3/8 X 14 X 14	13/16	1 1/2	24
10	1/2 X 18 X 18	1-1/8	1-3/4	28
12				36
14	1/2 X 20 X 20	1-1/8	1-3/4	42
16	1/2 X 22 X 22			
18-20	1/2 X 24 X 24			
24	1/2 X 30 X 30			



GULF STATE HANGERS