

CS-22-189

**CHANGE ORDER APPROVAL FORM**

PROJECT: Booster Pump Station/Grinder Pump Station/Restroom Building

CHANGE ORDER NUMBER: CO #5

DATE: 3/22/23

CONTRACT NUMBER: CM3003 WORK AUTHORIZATION NUMBER:0

TO CONTRACTOR: Sawcross Contractors and Engineers

Description: Add 56 days and increase amount by \$69,132.66 to existing contract.

Reason for Change Order: Adjust time and cost to (1) Provide labor and equipment to modify the jockey pump as needed to meet the suction and discharge centerline elevation. (2) Provide labor and equipment to modify the grinder pump station such that it does not operate automatically and does not discharge into manhole located in the center of the AIPCA parking lot. The pump controls shall be modified to notify plant staff that the pump station requires a vacuum truck pump down. (3) Provide labor for site shutdown and site remobilization for Hurricanes Ian and Nicole.

Original Contract Sum.....	\$ 3,488,000.00
Net Change by Previous Change Order/Supplemental Agreement.	\$ (268.91)
Contract Sum Prior to This Change Order.....	\$ 3,487,731.09
Amount of this Change Order (Add).....	\$ 69,132.66
New Contract Sum Including this Change Order.....	\$ 3,556,863.75

The Contract Time will be increased	56 (Fifty-Six) days
Previous Substantial Completion: <u>04/21/2023</u>	Previous Final Completion: <u>05/21/2023</u>
New Substantial Completion: <b><u>06/16/2023</u></b>	New Final Completion: <b><u>07/16/2023</u></b>

APPROVED BY: Chris Lacambra DATE: 3/23/2023  
 Department Head/Managing Agent

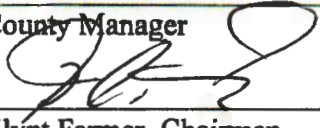
APPROVED BY: Janice Adams DATE: 3/24/2023  
 Procurement

*JP* APPROVED BY: Chris Lacambra DATE: 3/23/2023  
 Office of Management and Budget  
 3/22/2023

*DJ* APPROVED BY: Denise C. May DATE: 3/27/2023  
 County Attorney  
 3/27/2023

APPROVED BY:   
County Manager

DATE: 3/27/2023

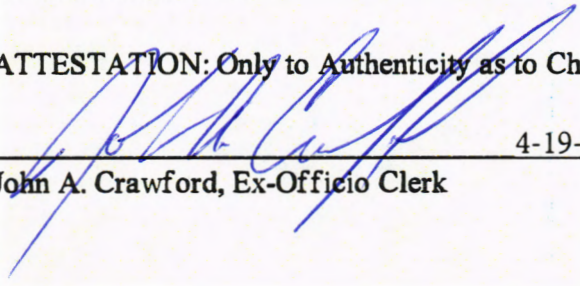
APPROVED BY:   
Klynt Farmer, Chairman

DATE: 4/19/23

ATTEST: \*See below  
John A. Crawford, Clerk of Courts

DATE: \_\_\_\_\_

Account No(s). 71500533-563552 BPS

ATTESTATION: Only to Authenticity as to Chairman's Signature:  
 4-19-23  
John A. Crawford, Ex-Officio Clerk

## 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**

**ATTACHMENT #1 SAWCROSS REQUEST FOR CHANGE ORDER PROPOSAL**

**SECTION 00 63 63**

**CHANGE ORDER REQUEST FORM**

(Instructions on 00 63 63-2)

No. 5

DATE OF ISSUANCE	PROJECT	EFFECTIVE DATE	
	02/28/23	02/28/23	
NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS			
COUNTY Contract / Purchase Order No.: CM3003/PO 22000101			
CONTRACTOR Sawcross Contractors and Engineers, Inc.		ENGINEER / ARCHITECT: FGUA (GAI)	

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

1. Provide labor and equipment to modify the jockey pump suction piping as needed to meet the suction and discharge centerline elevations.
2. Provide labor and equipment to modify the grinder pump station such that it does not operate automatically and does not discharge into the manhole located in the center of the AIPCA parking lot. The pump controls shall be modified to notify plant staff that the pump station requires a vacuum truck pump down.
3. Provide labor for site shutdown and site remobilization for Hurricanes Ian and Nicole.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ <u>3,488,000.00</u>	Original Contract Times Ready for Final Payment: <u>3/23/2023</u> <u>575 days</u> (days and dates)
Net change from previous Change Orders No. <u>0</u> to No <u>4</u> \$ <u>(268.91)</u>	Net change from previous Change Orders No. <u>0</u> to No. <u>4</u> <u>59</u> (days)
Contract Price prior to this Change Order \$ <u>3,487,731.09</u>	Contract Times Prior to this Change Order Substantial Completion: <u>04/21/23 (604 days)</u> Final Payment: <u>05/21/2023 (634 days)</u> (days and dates)
Net Increase (decrease) of this Change Order \$ <u>69,132.66</u>	Net Increase (decrease) of this Change Order <u>56 days</u> (days)
Contract Price with all approved Change Orders \$ <u>3,556,863.75</u>	Contract Times with all approved Change Orders Substantial Completion: <u>06/16/2023 (630 days)</u> Final Payment: <u>7/16/2023 (660 days)</u> (days and dates)

RECOMMENDED:

By: Teresa Arby-Butler  
FGUA Project Manager (Authorized Signature)

Date: 02.28.23

APPROVED:

By: Chris Lacambra  
COUNTY (Authorized Signature)

Date: 3/14/2023

ACCEPTED:

By: Mark Hickinbotham  
Contractor (Authorized Signature)

Date: 3/14/2023



10970 NEW BERLIN ROAD JACKSONVILLE, FL 32226-2270  
904-751-7500 (VOICE) 904-751-0600 (FAX) WWW.SAWCROSS.COM (WEB)

February 28, 2023

Teresa Irby-Butler  
Government Service Group, Inc.  
280 Wekiva Springs Rd.  
Longwood, FL 32779

**Subject: Change Order No. 5 Proposal - Time and Cost for Design Changes/Delays**

Teresa,  
This CO proposal encompasses the time and cost impact associated with changes to the pipe configuration, materials of construction, and project design issues. Also included is time lost associated with Hurricanes Ian and Nicole. Attached is the letter sent on September 12<sup>th</sup>, 2022, that noted and summarized these changes.

Time Requested: 8 Weeks  
Cost Requested: \$69,132.66

Sincerely,

A handwritten signature in black ink, appearing to read 'Justin Hanson', is written over a white background.

Justin Hanson  
Project Manager  
904-751-7500 x 127

**Task** **Start Date** **Crew of 3 Total Hours** **Superintendent Hours** **PM Hours**

1. Additional work for Revised Material - 20"4 tees not available

Re-fitting pipe for 6x4 reducers - including excavation, dewatering, etc. 5-Jul 120 40 8  
 Found Lay length issue - re-fit /re-assess, coordination and procurement of revised material 18-Jul 60 40 24  
 Received reducing 90s - re-fit/layout - including excavation, dewatering, etc. 1-Aug 120 40 16  
 Assess/re-fit spools on discharge side for changes to risers - order revised spools 15-Aug 210 160 24  
 received new spools - re-fit/layout 23-Sep 120 40 4

2.2" Sanitary line  
 Install 2" sanitary line along with 12" & 8" DI lines 12-Jun 60 30 4  
 Find existing manhole in different location than shown on drawings - In AlPCA parking lot 27-Jun 30 10 4

Received Memo from GAI 12-Aug

TOTAL 720 360 80

**Associated Cost not Included in CO Request**

Prolongued dewatering procedures - pumping equipment, fuel, well point system maintenance  
 Additional excavations, maintaining existing excavations



**SAWCROSS**  
Contractors & Engineers

**SAWCROSS, INC.**

**2105 - NAU Booster Pump Station Replacement**

PREPARED FOR:		PREPARED BY:	Justin Hanson	DATE:	12/07/2022	CHANGE ORDER	#5	
LABOR	DESCRIPTION OF WORK			STANDARD HOURS	OVERTIME HOURS	BASE RATE	OVERTIME RATE	TOTAL \$
Pipe Foreman				0.0	0.0	\$ 0.00	\$ 0.00	\$ 0.00
Pipe Fitter				720.0	0.0	\$ 37.50	\$ 0.00	\$ 27000.00
Equipment Operator				0.0	0.0	\$ 0.00	\$ 0.00	\$ 0.00
<b>DIRECT LABOR HOURS</b>				720.0				
<b>DIRECT LABOR HOURS OVERTIME</b>				0.0				
<b>DIRECT LABOR HOURS TOTAL</b>				720.0				
<b>FOREMAN</b>				360.0	0.0	\$ 45.00	\$ 0.00	\$ 16200.00
<b>PROJECT MANAGER</b>				80.0	0.0	\$ 35.00	\$ 0.00	\$ 2800.00
						<b>Labor Subtotal</b>		\$ 46,000.00
						<b>Contingency</b>	0%	0
						<b>Labor Total</b>		\$ 46,000.00
MATERIALS	DESCRIPTION	QTY	UNIT COST	TOTAL COST	TOTAL			
(2) 5" 316 SS 90s	Custom fittings not available to order	1	\$ 1,475.27	\$ 1,475.27	\$ 1,475.27			
(1) 6" MJ x PE 90	Revised fitting to fix lay length issue	1	\$ 336.48	\$ 336.48	\$ 336.48			
(2) 6" x 4" MJ RED	For 20" x 6" TEEs. 20" x 4" TEEs not available	1	\$ 300.00	\$ 300.00	\$ 300.00			
Freight	Freight	1	\$ 300.00	\$ 300.00	\$ 300.00			
MOT - Signs, Barricades	MOT for 8 weeks at \$50.00 per week	1	\$ 400.00	\$ 400.00	\$ 400.00			
						<b>Material Subtotal</b>		\$ 2,811.75
						<b>Tax</b>	7%	\$ 196.82
						<b>Contingency</b>	0%	\$ 0.00
						<b>Material Total</b>		\$ 3,008.57
EQUIPMENT	DESCRIPTION	QTY.	UNIT COST	WEEKS	TOTAL			
Equipment	CAT 305 Mini Excavator & CAT Skidsteer w/fuel	1	\$ 1,200.00	8.00	\$ 9,600.00			
						<b>Equipment Subtotal</b>		\$ 9,600.00
						<b>Tax</b>	7%	\$ 672.00
						<b>Contingency</b>	0%	\$ 0.00
						<b>Equipment Total</b>		\$ 10,272.00
GENERAL CONDITIONS	DESCRIPTION	QTY. Rate	UNIT COST	WEEKS	TOTAL			
General Conditions	Description	1	\$ 120.00	8.00	\$ 960.00			
						<b>GCs Subtotal</b>		\$ 960.00
						<b>Contingency</b>	0%	\$ 0.00
						<b>GCs Total</b>		\$ 960.00
SUBCONTRACTORS	DESCRIPTION	QTY. Rate	UNIT COST	WEEKS	TOTAL			
		1	\$ 0.00	0.00	\$ 0.00			
						<b>SC Subtotal</b>		\$ 0.00
						<b>Contingency</b>	0%	\$ 0.00
						<b>SC Total</b>		\$ 0.00
SUMMARY								
						<b>LABOR (Including Burden)</b>		\$ 46,000.00
						<b>MATERIALS</b>		\$ 3,008.57
						<b>EQUIPMENT</b>		\$ 10,272.00
						<b>General Conditions</b>		\$ 960.00
						<b>Subcontractors</b>		\$ 0.00
						<b>TOTAL COSTS</b>		\$ 60,240.57
						<b>MARK UPS ON LABOR (15%)</b>		\$ 6,900.00
						<b>MARK UPS ON MATERIAL (15%)</b>		\$ 451.29
						<b>MARK UPS ON EQUIPMENT (15%)</b>		\$ 1,540.80
						<b>MARK UPS ON SUBCONTRACTORS (5%)</b>		\$ 0.00
						<b>BOND</b>		\$ 0.00
						<b>TOTAL:</b>		\$ 69,132.66



**Breakdown of labor Hours**

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Pipe Fitter labor - 720 Hours = 2 guys at 40-Hrs/week for 8 weeks

Superintendent - 360 Hours - 40-Hrs/week for 8 weeks

Project Manager - 80 Hrs - 10-Hrs/week for 8 weeks

**Breakdown of Equipment**

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Skidsteer: Cat 257D: 2015 (1355) - \$600/week

Miniho: Cat 305E2: 2016 (1232) - \$600/week



10970 NEW BERLIN ROAD JACKSONVILLE, FL 32226-2270  
904-751-7500 (VOICE) 904-751-0600 (FAX) WWW.SAWCROSS.COM (INTERNET)

September 12<sup>th</sup>, 2022

Teresa Irby-Butler, FGUA  
Rebecca Bray, GAI  
Nassau Booster Pump Station Replacement Project

**Subject – Cost and Time Impacts of Piping Configuration Changes and Solutions**

All,

The following is intended to summarize the time and cost impact of changes to the pipe configuration and materials to allow it to be constructed properly.

While procuring the revised fittings we learned that 20 x 4 TEEs are not currently in production and will be unavailable. At that time, we requested guidance from GAI/FGUA via email and at the June progress meeting. Shortly after, we proposed and ordered (2) 6' x 4" PE x MJ reducers. This solved our problem on Pump No. 4 but created another issue on the Pump No. 3 pipe construction (Insufficient lay length).

At this point we followed up with GAI/FGUA again to work on a solution. After some constructive back and forth, we come to the agreement that a 6" PE x MJ 90 would solve our lay length issue. We have since ordered-received-installed this 6" 90 and have found that based on the revised underground layout, we will have to adjust the length on two of the spools on the discharge side of pumps 3 and 4 to make this work. I am told by Ferguson these will ship on 9/19 along with the other revised spools from CO #4.

If date holds, we should have them onsite by 9/23.

Also noted is the impact of the changes to the Grinder Pump Station and 2" sanitary line. We had this scheduled to install mid-July and were on pace to do so ahead of schedule (including already having the majority of the 2" line installed) until we came upon this issue with the manhole in the middle of an AIPCA parking lot/road.

We made GAI's site inspector aware immediately and emailed GAI/FGUA a summary with photos on 6/27/22. We received GAI's Memo to install with "Pump On" disabled on 8/12.

The sum of these changes will result in significant delay by the time we receive the revised materials and get back to construction. I am working on a time & cost breakdown for your review.

Sincerely,

Justin Hanson  
Project Manager  
904-751-7500 Ext. 127  
[justinh@sawcross.com](mailto:justinh@sawcross.com)



FERGUSON WATERWORKS-JAX #149  
 9692 FLORIDA MINING BLVD W  
 BUILDING #100  
 JACKSONVILLE, FL 32257  
 Phone: 904-268-2551  
 Fax: 904-268-2053

Deliver To: From: Zach Laroche Comments:
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15:10:27 AUG 29 2022

Page 1 of 1

FEL-JACKSONVILLE WW #149  
 Price Quotation  
 Phone: 904-268-2551  
 Fax: 904-268-2053

**Bid No:** B555503  
**Bid Date:** 08/29/22  
**Quoted By:** ZL

**Cust Phone:** 904-751-7500  
**Terms:** NET 10TH PROX

**Customer:** SAWCROSS INC  
 10970 NEW BERLIN ROAD  
 AMELIA ISLAND BOOSTER PUMP  
 JACKSONVILLE, FL 32226-2270

**Ship To:** SAWCROSS INC  
 10970 NEW BERLIN ROAD  
 AMELIA ISLAND BOOSTER PUMP  
 JACKSONVILLE, FL 32226-2270

**Cust PO#:**

**Job Name:** AMELIA ISLAND BOOSTER PUM

Item	Description	Quantity	Net Price	UM	Total
MJPE9LAU	6 MJXPE C153 90 BEND L/A	1	143.000	EA	143.00
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	2	36.000	EA	72.00
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	2	24.000	EA	48.00
<b>Net Total:</b>					\$263.00
<b>Tax:</b>					\$23.48
<b>Freight:</b>					\$50.00
<b>Total:</b>					\$336.48

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>  
 Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with "NP" in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.  
 COVID-19 ORDER: ANY REFERENCE TO OR INCORPORATION OF EXECUTIVE ORDER 14042 AND/OR THE EO-IMPLEMENTING FEDERAL CLAUSES (FAR 52.223-99 AND/OR DFARS 252.223-7999) IS EXPRESSLY REJECTED BY SELLER AND SHALL NOT APPLY AS SELLER IS A MATERIALS SUPPLIER AND THEREFORE EXEMPT UNDER THE EXECUTIVE ORDER.



**HOW ARE WE DOING? WE WANT YOUR FEEDBACK!**

Scan the QR code or use the link below to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=149&on=59891>

# ORDER ACKNOWLEDGEMENT

W&O Supply Inc.  
 2677 PORT INDUSTRIAL DRIVE  
 JACKSONVILLE, FL 32226  
 US  
 904-354-3800



Order Number	
3186683	
Order Date	Page
10/10/2022	1 of 2

**\*\*\* SHIPPING ADVISEMENT \*\*\***

**\*\*\* Any shipments with packaging in excess of 8 ft. in length transported via LTL Commercial Carrier will be subject to an excess length freight fee \*\*\***

**Bill To:**

SAWCROSS INC  
 10970 NEW BERLIN ROAD  
 JACKSONVILLE, FL 32226-2270  
 US

**Ship To:**

SAWCROSS INC  
 10970 NEW BERLIN ROAD  
 JACKSONVILLE, FL 32226  
 US

Attn: Katie PASTORE  
 904-751-7500  
 Customer ID: 1032799

Ordered By: Mr. JUSTIN HANSON  
 Job Name:

Required Date	Customer PO Number	Ship Route	Taker
10/10/2022	2105		GBROOKER

Quantities					Item ID	Item Description	Pricing UOM	Unit Price	Extended Price	Required Date
Ordered	Allocated	Remaining	UOM	Disp.						
4.00	0.00	4.00	EA	D	(001) 670100.650.316		EA	233.67	934.68	
					5 150 316 SO RF FLANGE ASA					10/10/2022
2.00	1.00	1.00	EA	D	(002) 654111.650.316		EA	206.33	412.66	
					5 316 BW LR 90 S-40					10/10/2022
					1/BOX					

Disp Codes:

B - Back Order      C - Cancel  
 M - Multi-Stage    D - Direct Ship  
 H - Hold            T - Transfer  
 S - Special Order   P - Production Order

**Thank You For Your Business!**

# ORDER ACKNOWLEDGEMENT

W&O Supply Inc.  
 2677 PORT INDUSTRIAL DRIVE  
 JACKSONVILLE, FL 32226  
 US  
 904-354-3800



Order Number	
3186683	
Order Date	Page
10/10/2022	2 of 2

Quantities					Item ID Item Description	Pricing UOM	Unit Price	Extended Price Required Date
Ordered	Allocated	Remaining	UOM	Disp.				

Total Lines: 2

**SUB-TOTAL:** 1,347.34  
**TAX:** 102.93  
**PACKING.AND.HANDLING:** 25.00  
**AMOUNT DUE:** 1,475.27  
 U.S. Dollars

Applicable sales taxes and tariff surcharges are not included, and are subject to change without notice. Separate line item charges for any applicable sales tax and/or tariff surcharge will be applied to invoices at time of shipment.

\* For EXPORTS only - **Export Destination Control Statement:** These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.  
**Domestic Destinations:** The purchaser of items shipping to USA destinations is solely responsible for complying with applicable U.S. export laws and regulations.

Please see our terms and conditions at: <https://catalog.wosupply.com/resources/corporate-forms>

Terms and conditions are subject to change and all parties should review the terms and conditions before accepting the contract. Terms and conditions applicable to each new order will be those in effect on the web page at the time the counterparty accepts the offer for such order.

Disp Codes:

B - Back Order      C - Cancel  
 M - Multi-Stage    D - Direct Ship  
 H - Hold            T - Transfer  
 S - Special Order   P - Production Order

**Thank You For Your Business!**



10970 NEW BERLIN ROAD JACKSONVILLE, FL 32226-2270  
904-751-7500 (VOICE) 904-751-0600 (FAX) WWW.SAWCROSS.COM (INTERNET)

October 27<sup>th</sup>, 2022

Teresa Irby-Butler, FGUA  
Rebecca Bray, GAI  
Nassau Booster Pump Station Replacement Project

**Subject – Hurricane Ian Delays**

Teresa,

This letter is to serve a documentation of the time lost due to Hurricane Ian. In preparation for the storm, Sawcross initiated site preparation on Monday 9-26-22 as is consistent with our 72/48/24-hour Hurricane procedure and suspended all operations from Wednesday 9-28-22 through the following Monday 10-3-22.

Universal Electric was also delayed the following week as well as their lodging reservations were voided do to hurricane policy and no others had availability.

Sincerely,

A handwritten signature in black ink, appearing to read 'Justin Hanson', is written over a white background.

Justin Hanson  
Project Manager  
904-751-7500 Ext. 127  
[justinh@sawcross.com](mailto:justinh@sawcross.com)

**ATTACHMENT #2 JOCKEY PIPE PIPING & GRINDER PUMP STATION BACKUP**

# REQUEST FOR INFORMATION



SAWCROSS INCORPORATED  
10970 NEW BERLIN ROAD  
JACKSONVILLE, FL 32226-2270  
904-751-7500 X 113 (OFFICE)  
904-751-0600 (FAX)

To: Jay Ameno  
1301 Riverplace Blvd, Ste 900  
Jacksonville, FL 32207

Phone: 561-465-8001  
Fax:  
RFI #: 04  
Project #: A170272.01

From: Keidi Melengu  
Sawcross, Inc.  
10970 New Berlin Road  
Jacksonville, FL 32226-2270

Phone: 904-751-7500 EX. 126  
Fax: 904-751-0600  
Project: 2105  
Date: 09/14/2021

For Your Use  
 For Approval

For Review and Comment  
 Reply Due By

Enclosures

## Sawcross, Inc. Request for Information (RFI)

In looking at the drawings, and more specifically sheet C-4, we were not able to see where the sewer pipe connects from the restroom to the Grinder Pump station and there is also no indication on where the potable water source will be for the restroom.

Please provide a detail on how to connect the restroom to the Grinder Pump station and the size, layout, and source of the piping for potable water to the restroom.

### GAI Consultants Response to Request for Information (RFI)

The water source for the lavatory unit will be a tap on the 12-inch water main, just south of the bathroom.

The sewer connection from the lavatory unit to grinder pump shall be the standard 4-inch PVC line.

The tie-in locations for both the water and sanitary sewer at the lavatory will be dependent upon the location of the piping within the pre-fabricated unit. Please provide the shop drawing detailing the location of the piping in the pre-fabricated restroom.



# MEMO



Date:	August 10, 2022
Project No.	A170272.04
To:	Justin Hanson (Sawcross)
From:	Rebecca Hiers-Bray, P.E. (GAI)
cc:	Teresa Irby-Butler (FGUA/GSG), Jay Ameno (JJ Ameno & Co.)
Subject:	<b>Nassau County Booster Pump Station – Grinder Pump Station and Restroom Building</b>

In accordance with the owner's request, the grinder pump station and restroom configuration shall be installed per construction plans. The owner has also requested the "PUMPS ON" not be capable of being energized. In addition the Engineer of Record has requested the configuration of the HIGH LEVEL ALARM for pump out activities be operational.

If you have any questions or require any additional information, please don't hesitate to contact me.

Sincerely,  
**GAI Consultants, Inc.**

Rebecca Hiers Bray, P.E.  
Senior Engineering Manager

RHB/ncb

## Teresa Irby-butler

---

**From:** Justin Hanson <justinh@sawcross.com>  
**Sent:** Wednesday, August 10, 2022 4:01 PM  
**To:** Teresa Irby-butler; Stephen W. Reed  
**Cc:** Rebecca Bray; Gerald Glover; Robert Dickson; Scotty Soares; Joshua Stillwagon  
**Subject:** RE: Nassau Booster Pump Station Replacement

Teresa,  
Understood. We will move forward with RR and grinder PS as shown on the drawings.

Thank you



Justin Hanson, COSS  
Project Manager – Safety Manager  
[justinh@sawcross.com](mailto:justinh@sawcross.com)  
Phone: (904) 751-7500 Ex. 127 | Cell: (904) 772-4611  
10970 New Berlin Road, Jacksonville, FL 32226-2270  
<http://www.sawcross.com> | Bid Room: <http://www.sawcross.com/bids>

**From:** Teresa Irby-butler <Tirbybutler@govmserv.com>  
**Sent:** Wednesday, August 10, 2022 3:15 PM  
**To:** Justin Hanson <justinh@sawcross.com>; Stephen W. Reed <S.Reed@gaiconsultants.com>  
**Cc:** Rebecca Bray <r.bray@gaiconsultants.com>; Gerald Glover <geraldg@sawcross.com>; Robert Dickson <rdickson@govmserv.com>; Scotty Soares <ssoares@uswatercorp.net>; Joshua Stillwagon <jstillwagon@uswatercorp.net>  
**Subject:** RE: Nassau Booster Pump Station Replacement

Justin:  
In speaking with the FGUA operations manager, we would like to have the RR building and grinder PS constructed as shown on the drawings. We would like the grinder PS "PUMP ON" command signal disabled. Operations will have the sump vac'ed out as needed.

Stephen:  
Please issue this response via RFI to memorialize this directive.

Teresa

Teresa Irby-Butler, P.E., CGC, ENV SP  
Capital Project Manager  
Government Services Group, Inc.  
280 Wekiva Springs Road, Suite 2070  
Longwood, FL 32779-6026  
407-629-6900 x 106 office  
407-608-2846 cell

**From:** Teresa Irby-butler  
**Sent:** Wednesday, August 10, 2022 8:57 AM  
**To:** Justin Hanson <[justinh@sawcross.com](mailto:justinh@sawcross.com)>  
**Cc:** Stephen W. Reed <[S.Reed@gaiconsultants.com](mailto:S.Reed@gaiconsultants.com)>; Rebecca Bray <[r.bray@gaiconsultants.com](mailto:r.bray@gaiconsultants.com)>; Gerald Glover <[geraldg@sawcross.com](mailto:geraldg@sawcross.com)>  
**Subject:** RE: Nassau Booster Pump Station Replacement

Justin:

I'll let GAI respond to the tee fittings RFI.

In regards to the RR building, we are considering installing the building as shown on the plans and then placing the building out of service until NAU can determine if they will be placing a new drinking water well at the BPS. If a new well were to be installed, we would be prohibiting in installing either a STEP or OSTDS for the RR building. I have escalated this issue and expect a response today.

Thanks.

Teresa

Teresa Irby-Butler, P.E., CGC, ENV SP  
Capital Project Manager  
Government Services Group, Inc.  
280 Wekiva Springs Road, Suite 2070  
Longwood, FL 32779-6026  
407-629-6900 x 106 office  
407-608-2846 cell

**From:** Justin Hanson <[justinh@sawcross.com](mailto:justinh@sawcross.com)>  
**Sent:** Wednesday, August 10, 2022 8:36 AM  
**To:** Teresa Irby-butler <[Tirbybutler@govmserv.com](mailto:Tirbybutler@govmserv.com)>  
**Cc:** Stephen W. Reed <[S.Reed@gaiconsultants.com](mailto:S.Reed@gaiconsultants.com)>; Rebecca Bray <[r.bray@gaiconsultants.com](mailto:r.bray@gaiconsultants.com)>; Gerald Glover <[geraldg@sawcross.com](mailto:geraldg@sawcross.com)>  
**Subject:** Nassau Booster Pump Station Replacement

Good Morning,

I wanted to follow up on the two questions from the meeting –

1. Has a decision been made on the Grinder Pump Station/2" Sanitary Line?
2. As discussed, 20x4 MJ TEEs are not available. We have the 20x6 TEEs w/6x4 reducers but need guidance to make necessary changes that keep everything lined up correctly.

Please advise, thank you!



Justin Hanson, COSS  
Project Manager – Safety Manager  
[justinh@sawcross.com](mailto:justinh@sawcross.com)  
Phone: (904) 751-7500 Ex. 127 | Cell: (904) 772-4611  
10970 New Berlin Road, Jacksonville, FL 32226-2270  
<http://www.sawcross.com> | Bid Room: <http://www.sawcross.com/bids>



## Teresa Irby-butler

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**From:** Justin Hanson <justinh@sawcross.com>  
**Sent:** Wednesday, August 24, 2022 10:36 AM  
**To:** Stephen W. Reed; Gerald Glover  
**Cc:** Teresa Irby-butler; Jay Ameno; Rebecca Bray  
**Subject:** RE: NAU Booster Pump Station - Updated M-11 and M-12  
**Attachments:** RE: Nassau Booster Pump Station Replacement; M-11.pdf; M-12.pdf  
  
**Categories:** Red Category

All,

After review of the revised drawings, we still need a solution on the Jockey Pump (Pump No. 3). At the current configuration, there isn't adequate lay length on the suction side of Pump No. 3 (*as described in the attached email*). This will have to be reworked to allow Pump No. 3 to be shifted forward or rotated which will change the configuration of the discharge piping on Pump No. 4. I am available for a call or teams meeting today until 3:00 or anytime Friday if needed.

Thank you,



Justin Hanson, COSS  
Project Manager – Safety Manager  
[justinh@sawcross.com](mailto:justinh@sawcross.com)  
Phone: (904) 751-7500 Ex. 127 | Cell: (904) 772-4611  
10970 New Berlin Road, Jacksonville, FL 32226-2270  
<http://www.sawcross.com> | Bid Room: <http://www.sawcross.com/bids>

**From:** Stephen W. Reed <S.Reed@gaiconsultants.com>  
**Sent:** Friday, August 19, 2022 8:42 AM  
**To:** Justin Hanson <justinh@sawcross.com>; Gerald Glover <geraldg@sawcross.com>  
**Cc:** Teresa Irby-butler <Tirbybutler@govmserv.com>; Jay Ameno <jamenojr@gmail.com>; Rebecca Bray <R.Bray@gaiconsultants.com>  
**Subject:** NAU Booster Pump Station - Updated M-11 and M-12

Good morning,

Attached is the revised drawings for M-11 and M-12 regarding the 20x4 TEE replacement.

Please let me know if you have any questions regarding the drawings.

Thank you for your time,

**Stephen Reed**  
Senior Project Design Technical Specialist

**GAI Consultants**, 12574 Flagler Center Blvd., Suite 202, Jacksonville, FL 32258  
**T** 904.363.1110 **D** 904.559.8107 **M** 904.864.4778

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**GAI Consultants**

**ENGINEERING, PLANNING, AND ENVIRONMENTAL CONSULTING SINCE 1958**

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## Tracy Poore

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**From:** Chris Lacambra  
**Sent:** Tuesday, February 28, 2023 6:40 PM  
**To:** Tracy Poore  
**Cc:** rdickson@govmserv.com; Teresa Irby-butler; Marshall Eyerman  
**Subject:** FW: Booster Pump Station  
**Attachments:** CM3003 (Booster Pump Station Replacement) CO#5.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Tracy-

Can you put in docusign for approvals? And then place on the agenda at the next available board meeting calendar permitting? Thanks.

**From:** Teresa Irby-butler <Tirbybutler@govmserv.com>  
**Sent:** Tuesday, February 28, 2023 2:43 PM  
**To:** Chris Lacambra <clacambra@nassaucountyfl.com>  
**Cc:** Marshall Eyerman <meyerman@nassaucountyfl.com>; Robert Dickson <rdickson@govmserv.com>  
**Subject:** Booster Pump Station

CONTAINS EXTERNAL SENDER CONTENT: Do not open attachments unless you are expecting them and trust the sender.

- Technical Services

Chris:

Please see the attached change order #5 for the booster pump station project. This change order is related to the jockey pump suction piping configuration conflict, the grinder pump station's discharge piping conflict and both Hurricane Ian and Nicole. A few notes regarding these changes to the contract time and cost are as listed below:

1. If you recall, the project lingered for some time as the jockey pump's suction piping configuration issue took some time to resolve. The fittings depicted in the plans was/is not available. GAI originally took the position that Sawcross changed the suction side of the pump through the submittal process. After review of the plans and in comparison to the design pump, the pump that was approved was the pump the design was based upon. In such, GAI inadvertently depicted incorrect fittings in their plans. The piping layout was not impacted by the pump Sawcross submitted and GAI approved. Sawcross' request for change is valid as this was a change outside of their control.
2. In regards to the restroom's grinder pump station component of the change order, the engineer depicted the discharge main being routed off site, just outside of the fence. The plans did not include coordinates for the discharge manhole. After scouring the space just outside of the booster pump station's site fence, the crew discovered the nearest manhole is located in the adjacent AIPCA parking lot. Routing flow to this manhole was not reasonable as the location would prohibit open-cut excavation and horizontal directional drilling would be a costly change order. Given the infrequent use of the restroom building, we disarmed the pump and enabled an alarm to operations staff when the grinder pump station's wet well requires pump down. The labor and time to resolve this issue was beyond Sawcross' control, and we feel their request related to this issue is valid.

3. In regards to the Hurricanes, Sawcross' hurricane preparedness plan has a 24, 48, and 72 hour site shut-down procedure. Then they have to put the site back together to pre-hurricane condition. Given that hurricanes fall under the "act of God" clause, Sawcross is due a change order associated with the time and labor required to shut down and remobilize.

Please let me know if you have any questions.

Teresa

Teresa Irby-Butler, P.E., CGC, ENV SP  
Capital Project Manager  
Government Services Group, Inc.  
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Client#: 1025198

SAWCRINC

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/22/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement.

Table with PRODUCER (USI Insurance Svcs LLC, CL) and INSURED (Sawcross, Inc.) information, along with CONTACT NAME (Kathy Harper) and INSURER(S) AFFORDING COVERAGE (National Fire Insurance Co. of Hartford, Continental Insurance Company, Valley Forge Insurance Company, AXIS Surplus Insurance Company, Continental Casualty Company).

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

Main table listing insurance coverages (A-E) including Commercial General Liability, Automobile Liability, Umbrella Liability, Workers Compensation, and Pollution/Professional Liability, with columns for INSR LTR, TYPE OF INSURANCE, POLICY NUMBER, POLICY EFF, POLICY EXP, and LIMITS.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Project Name: NAU Booster Pump Station. The General Liability, Automobile Liability and Umbrella Liability policies include an automatic Additional Insured endorsement that provides Additional Insured status to Nassau County Board of County Commissioners, respective officers, engineer, directors, members, partners, employees, agents, consultants, and subcontractors, only when there is a written contract that requires such status, and only with regard to (See Attached Descriptions)

Table with CERTIFICATE HOLDER (Nassau County Building Department) and CANCELLATION (Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.)

## DESCRIPTIONS (Continued from Page 1)

work performed on behalf of the named insured. The General Liability and Automobile Liability policies contains a special endorsement with Primary and Noncontributory wording, when required by written contract. The General Liability, Automobile Liability and Workers Compensation policies includes a Waiver of Subrogation endorsement in favor of Additional Insureds as referenced above.

**Nassau County**  
**Nassau NAU Booster Pump Station Replacement**  
**APPLICATION FOR PAYMENT**

<b>PROJECT NAME/NO.:</b>	NAU Booster Pump Station Replacement 2105	<b>APPLICATION NO.:</b>	<b>13</b>
		<b>CONTRACT/PO NO.:</b>	CM3003
<b>CONTRACTOR:</b>	Sawcross, Inc.	<b>APP. DATE:</b>	12/30/2022
<b>ADDRESS:</b>	10970 New Berlin Rd Jacksonville, FL 32226 904-751-7500	<b>PERIOD BEGINNING:</b>	12/1/2022
		<b>PERIOD ENDING:</b>	12/30/2022
		<b>APPLICATION AMOUNT:</b>	<b>\$69,436.79</b>

**CONTRACT AMOUNT RECONCILIATION:**

**ORIGINAL CONTRACT AMOUNT** ..... \$3,488,000.00

**EXECUTED CHANGE ORDERS**

1.	*Description	Electrical Gear Revision	-\$31,225.00
2.	*Description	Interior Coating for GST	\$25,106.35
3.	*Description	Temporary Sidewalk	\$18,727.65
4.	*Description	Deletion of 2 Low-Pressure Pumps	-\$12,877.91
5.	*Description		\$0.00

**TOTAL CHANGE ORDER AMOUNT** ..... -\$268.91

**TOTAL CONTRACT AMOUNT** ..... \$3,487,731.09

a.	Work Complete This Period		\$63,150.00
b.	Stored Material This Period		\$9,941.34
c.	Total Previous Requests (line d of previous request)		\$2,314,492.03
d.	Total Gross Earned (a+b+c)		\$2,387,583.37
e.	Retainage 5.00% (of line d)		\$119,379.17
f.	Net Earned (d - e)		\$2,268,204.20
g.	Less Amounts Paid (line f of previous request)		\$2,198,767.42
<b>h.</b>	<b>Total Net Due (line f - g)</b>		<b>\$69,436.79</b>

**OWNER APPROVAL:**

PROJECT MANAGER: \_\_\_\_\_  
Signature Date

INSPECTOR: \_\_\_\_\_  
Signature Date

OWNER: \_\_\_\_\_  
Signature Date

**CONTRACTOR APPROVAL:**

DATE: 12/30/2022

CONTRACTOR: Sawcross, Inc.

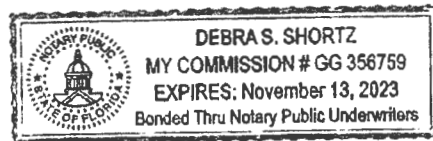
SIGNATURE: \_\_\_\_\_  
NAME: Justin Hanson

TITLE: Project Manager

Notary Public Debra S Shortz  
 State of Florida  
 Commission Expires 11/13/23

State of: Florida  
 County of: Duval  
 Sworn to and subscribed before me this 30<sup>TH</sup> day of Dec. 2022  
 Personally known   
 or Produced identification \_\_\_\_\_  
 Type of identification \_\_\_\_\_

**MAIL TO:** \*Owner Name  
**ADDRESS:** \*Street Address  
 \*City, State, Zip  
 \*Phone



ORIGINAL CONTRACT TOTAL \$3,488,000.00  
 CHANGE ORDER (S) -\$268.91  
 ORIGINAL CONTRACT TOTAL \$3,487,731.09

Project Inv. #	Period To	Total	Less Retainage	Paid to Date
		\$3,487,731.09		
1	10/31/21	\$151,205.43	\$7,560.27	\$143,645.16
2	12/31/21	\$46,519.87	\$2,325.99	\$44,193.88
3	02/22/22	\$123,007.81	\$6,150.39	\$116,857.42
4	03/29/22	\$128,201.08	\$6,410.05	\$121,791.03
5	04/29/22	\$398,941.91	\$19,947.10	\$378,994.81
6	05/31/22	\$485,336.79	\$24,266.84	\$461,069.95
7	06/30/22	\$220,134.90	\$11,006.75	\$209,128.16
8	07/31/22	\$87,354.00	\$4,367.70	\$82,986.30
9	08/31/22	\$215,379.00	\$10,768.95	\$204,610.05
10	09/30/22	\$145,395.00	\$7,269.75	\$138,125.25
11	10/31/22	\$220,666.24	\$11,033.31	\$209,632.92
12	11/30/22	\$92,350.00	\$4,617.50	\$87,732.50
13	12/20/22	\$73,091.36	\$3,654.57	\$69,436.79
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
<b>Complete to Date:</b>		<b>\$2,387,583.39</b>	<b>\$92,804.04</b>	<b>\$2,268,204.21</b>
<b>% Complete:</b>		<b>68.46%</b>	<b>Balance w/retainage</b>	
<b>Balance to Finish:</b>		<b>\$1,100,147.70</b>	<b>\$1,192,951.74</b>	

**Change Orders**

CO1 -\$31,225.00  
 CO2 \$25,106.35  
 CO3 \$18,727.65  
 CO4 -\$12,877.91

**SECTION 00 62 76  
APPLICATION AND CERTIFICATE FOR  
PROGRESS PAYMENT**

OWNER: Nassau County

CONTRACTOR: Sawcross, Inc. #17801

Purchase Order No.: CM3003

Project Title: NAU Booster PS Replacement

Engineer/Architect: GAI Consultants

Engineer/Architect Project No.: A170272.04

Contract Number: CM3003

Progress Payment No.: 13-BPS for Period 12/1/2022 to 12/30/2022

1. Original Contract Sum. . . . .	<u>\$3,488,000.00</u> *
2. Net Change by Change Orders. . . . .	<u>-\$268.91</u>
3. Contract Sum to Date (Line 1 + Line 2) . . . . .	<u>\$3,487,731.09</u> *
4. Work Completed to Date . . . . .	<u>\$2,387,583.37</u> *
5. Amount Retained (Percent) . . . . .	<u>\$119,379.17</u> *
6. Total Earned Less Retainage (Line 4 minus Line 5). . . . .	<u>\$2,268,204.20</u> *
7. Less Previous Payments. . . . .	<u>\$2,198,767.42</u> *
8. CURRENT PAYMENT DUE. . . . .	<u>\$69,436.79</u>

*7/1/2023*

71500533-563552-BPS

