

MEMORANDUM



To: Melissa M. Wendel, CPPO, Purchasing Official
From: Jeff Streitmatter, III, P.E., Project Management Div. Manager
Date: January 5, 2017
Subject: **Contract Change Order No. 2**
SWWRF Nitrogen Removal
Vogel Bros Building Co

RECOMMENDATION:

Execution of Change Order No. 2 to P.O. T1400056 with Vogel Bros Building Co increasing the contract amount by \$145,486.32, from \$12,581,986.07 to \$12,727,472.39, and adding 140 calendar days to the contract time. The funding source for this contract is Utility Rates.

COMPREHENSIVE PLAN/POLICY DETERMINATION:

The services requested are consistent with Comprehensive Plan Goal 9.1 for wastewater and the Manatee County Purchasing Ordinance.

BACKGROUND/DISCUSSION:


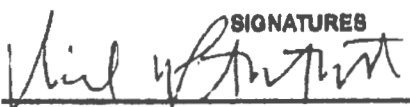
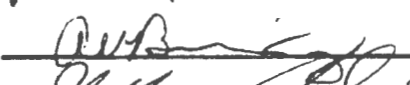


- November 6, 2014, the BCC executed a contract with Vogel Bros Building Co in the amount of \$12,782,000.00 for the SWWRF Nitrogen Removal project which converts the plant process to MLE.
- Change Order No. 1 was approved on January 26, 2016 for reducing the contract amount by \$200,013.93 and adding 196 calendar days and provided modifications to the project that will minimize impacts to operation of the plant during construction and allow for safe installation methods during construction while providing a quality end product.
- Change Order No. 2 is for \$145,486.32 and adding 140 calendar days and provides for construction of 54" influent structure to Aeration Basin 1 and 2 to eliminate hydraulic restrictions as a result of unforeseen conditions.

JS/ab

cc: Mike Gore, Director, Utilities
Ron Schulhofer, Director, Public Works
Sia Mollanazar, P.E., Deputy Director, Engineering Services
Carmen Mosley, MA, Senior Fiscal Services Division Manager
Anthony Benitez, P.E., Project Manager
Project File: 6079080 10.2

A handwritten signature in black ink, appearing to read "AB", is written over the project manager's name and project file number.

Public Works Department
Project Management Division
1022 26th Avenue East, Bradenton, FL 34208-3926
Phone number: (941) 708-7450

CONTRACT CHANGE ORDER		Change Order No.: 2	
PROJECT: (For Adjustment Amounts Less Than \$1,000,000.) SWWRF Nitrogen Removal		Contract Amount: (Present Value)	\$12,581,986.07
		Project Number:	6079080
NO. OF ITEM	DESCRIPTION OF ITEM AND CHANGE	DECREASE	INCREASE
1	Construct 54" ML influent structure and pipe encasement to Aeration Basin 1 and 2, reroute 4" reclaimed, reroute electrical, modify 12" drains, move hydrant and light pole base, and place wall in anoxic channel to divert flow. (Refer to attached PCO 60)		\$145,486.32
BY EXECUTION OF THIS CHANGE ORDER THE CONTRACTOR AGREES THAT ALL CLAIMS FOR ADDITIONAL CONTRACT TIME AND FEES FOR THE ITEMS IN THIS CHANGE ORDER HAVE BEEN SATISFIED.			
		TOTAL DECREASE:	TOTAL INCREASE: \$145,486.32
Contractor: Vogel Bros Building Co Address: 2720 Drain Field Rd City / State: Lakeland, FL 33811 Contractor Signature:  Date: 12/28/16		THE NET CHANGE OF \$145,486.32 ADJUSTS THE CURRENT CONTRACT AMOUNT FROM \$12,581,986.07 TO \$12,727,472.39 140 CALENDAR DAYS ARE ADDED TO THE SCHEDULE WHICH CHANGES THE FINAL COMPLETION DATE TO MARCH 31, 2017.	
RECOMMENDATION, CONCURRENCES AND APPROVALS			
	SIGNATURES	DATE	
Consultant / Engineer		12/28/16	
Project Manager:		1/5/17	
Division Manager:	 Jeff Sirek, P.E., Project Management Division Manager	1-4-17	
Manatee County Purchasing	 Melissa M. Wendel, CPPO, Purchasing Official	2/7/17	
Authority to execute this contract per Manatee County Code, Chapter 2-26, and per the delegation by the County Administrator effective 1/26/2009			

JUSTIFICATION FOR CHANGE

Change Order No : 2

Project Number: 6079080

1. NECESSITY FOR CHANGE:

The additional work is required to eliminate hydraulic restrictions due to the existing trough and splitter box elevations at Aeration Basin 1 and 2 and weir elevation at the new splitter box 2. Contractor is requesting 140 days to complete project as a result of of unforeseen conditions regarding location of existing utilities, utilities identified as abandoned but not completely abandoned or grouted, and for the modifications being added.

2. Is change an alternate bid? (If yes, explain) No

3. Does change substantially alter the physical size of the project? (If yes, explain) No

4. Effect of this change on other "Prime" contractors? N/A

5. Has the Surety and insurance company been notified, if applicable? CONTRACTOR RESPONSIBILITY



Change Proposal

*We build with values,
solutions and accountability*

PROJECT: Manatee Nitrogen Removal
 OWNER: Manatee County
 ENG: CH2M Hill

Proposal # 1
 DATE: 1/30/2017
 PREPARED BY: ARD

Vogel Brothers will provide the necessary labor, materials, equipment, tools and supervision required to change the contract documents in accordance with this proposal for the amount listed below. This quotation contains items only as listed herein. Any additional items not listed will be subject to additional compensation. If additional time is required to perform this work may be listed below. Written confirmation of your acceptance is required before work can begin. Should this additional scope be funded by Change Order rather than a Field Directive 1.59% will be added for Bonds and Insurance.

DESCRIPTION OF WORK:

Construct 54" ML Influent structure and pipe encasement (bypass pumping not included). Modify mark# Y108 54" pipe. Hydro test structure per specifications. Reroute 4" RCW around Structure. Reroute Electrical. Modify 12" drains re-cut and brick 3 locations. Secure earth around pipe encasement. Move hydrant and Light pole base west. Place wall in Anoxic Channel and divert flow. (bypass pumping not included) If bypass piping is required at Influent box or Anoxic Channel this quote will be revised to include actual costs. Coatings not included.

PROPOSAL BREAKDOWN

ITEM	DESCRIPTION	QTY	UNITS	LABOR		MATERIAL		EQUIPMENT		SUBCONTRACT		TOTAL
				UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	
1	Influent Structure and Pipe Encasement	1	LS	\$ 1,475.52	\$ 1,475.52	\$ 11,484.26	\$ 11,484.26	\$ 1,505.60	\$ 1,505.60	\$ 58,265.00	\$ 58,265.00	\$ 72,730.38
2	Re-route 4" RCW/6" RCW	1	LS	\$ 6,439.28	\$ 6,439.28	\$ 3,880.80	\$ 3,880.80	\$ 765.00	\$ 765.00		\$ -	\$ 11,085.08
3	Re-route Electrical/Light Post Base	1	LS		\$ -		\$ -		\$ -	\$ 4,654.71	\$ 4,654.71	\$ 4,654.71
4	Cut and Brick 12" Drain	1	LS	\$ 1,630.80	\$ 1,630.80	\$ 300.00	\$ 300.00		\$ -		\$ -	\$ 1,930.80
5	Secure Trench	1	LS	\$ 4,633.64	\$ 4,633.64	\$ 1,883.23	\$ 1,883.23	\$ 5,250.00	\$ 5,250.00		\$ -	\$ 11,766.87
6	Dewatering	1	LS		\$ -	\$ 1,250.00	\$ 1,250.00		\$ -	\$ 7,705.28	\$ 7,705.28	\$ 8,955.28
7	Hydrotest Structure	1	LS	\$ 1,061.36	\$ 1,061.36	\$ 200.00	\$ 200.00		\$ -	\$ 3,070.00	\$ 3,070.00	\$ 4,331.36
8	Misc. Metals	1	LS	\$ 1,242.56	\$ 1,242.56	\$ 1,071.00	\$ 1,071.00		\$ -		\$ -	\$ 2,313.56
9	Anoxic Effluent Wall	1	LS	\$ 5,475.78	\$ 5,475.78	\$ 936.00	\$ 936.00	\$ 2,330.03	\$ 2,330.03		\$ -	\$ 8,741.81
					\$ -		\$ -		\$ -		\$ -	\$ -
					\$ -		\$ -		\$ -		\$ -	\$ -
	SUBTOTAL I				\$ 21,958.94		\$ 21,005.29		\$ 9,850.63		\$ 73,694.99	\$ 126,509.85
	FEE (On subcontractor work)		15.00%									\$ 11,054.25
	FEE		15.00%									\$ 7,922.23
	GRAND TOTAL											\$145,486.32

The Date of Substantial Completion May be (Increased, Decreased, Unchanged) as a result of this Change Proposal Request. Once formally approved and materials are released schedule impacts can be determined. This quotation is valid for 30 days from this proposals date. Written Acceptance is required for this work to commence.

Vogel Brothers
Contractor

Manatee County
Owner

CH2MHill
Engineer

By: Andrew Decker

By:

By:

Date:

Date:

Date:

APPROVED in Open Session

Manatee County Board of County
Commissioners

Manatee County Government Administrative Center
Commission Chambers, First Floor
9:00 a.m. - February 7, 2017

2/7/17

February 7, 2017 - Regular Meeting
Agenda Item #23

Subject

Change Order 2 to Agreement 14-0846OV, Southwest Water Reclamation Facility (SWWRF) Nitrogen Removal

Briefings

None

Contact and/or Presenter Information

Contact: Olga Valcich, Financial Management Department, Procurement Division, Ext. 3055

Presenters:

Anthony Benitez, Public Works Department, Project Management Division, Ext. 7333

Jeff Streitmatter, Public Works Department, Project Management Division, Ext. 7335

Action Requested

Authorize the County Administrator or his designee to execute Change Order 2 to Agreement 14-0846OV, Southwest Water Reclamation Facility (SWWRF) Nitrogen Removal with Vogel Bros. Building Co., increasing the contract amount by \$145,486.32, from \$12,581,986.07 to \$12,727,472.39 and adding 140 calendar days to the final completion schedule.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

On November 26, 2014, the BCC executed an Agreement with Vogel Bros. Building Co., Lakeland, FL in the amount of \$12,782,000.00 for the nitrogen removal process at the southwest water reclamation facility.

On January 26, 2016, the BCC approved Change Order 1 reducing the Agreement by \$200,013.93 from \$12,782,000.00 to \$12,581,986.07 and adding 196 calendar days to the schedule. Change Order 1 provided for modifications to the project that minimized impacts to operation of the plant during construction and allowed for safe installation methods during construction while providing a quality end product.

This proposed Change Order 2 provides for construction of a 54" influent structure and pipe encasement to aeration basin 1 and 2, reroute a 4" reclaimed waterline, reroute electrical, modify 12" drains, move hydrant and light pole base, and place wall in anoxic channel to divert flow. This additional work is required to eliminate hydraulic restrictions due to existing rough and splitter box elevations at aeration basin 1 and 2 and

weir elevation at the new splitter box 2.

The 140 calendar days are required to complete this project as a result of unforeseen conditions regarding location of existing utilities, utilities identified as abandoned, but not completely abandoned or grouted, and for the modifications being added. Final completion date is March 31, 2017.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records Emailed 2/10/17

Original to Board Records

Copy of executed Agreement emailed to:

bbocchino@vogelbldg.com

Anthony.Benitez@mymanatee.org

Kathleen.Casey@mymanatee.org

Olga.Valcich@mymanatee.org

Jeff.Goodwin@mymanatee.org

Cost and Funds Source Account Number and Name

Funding Source: Utility Rates - 4046079080-534000-6079080-004

Amount and Frequency of Recurring Costs

N/A

Attachment: [CO.2 Nitrogen Removal Vogel Bros.pdf](#)