

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY

Meeting Date: August 14, 2018

☒ Consent  
☐ Workshop

☐ Regular  
☐ Public Hearing

Department: Facilities Development and Operations

I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Change Order No. 8 to the contract with Trillium Construction Inc. (R2016-0619) for a 75 day time extension for the Water Utilities Department Western Region Operations Center (WUD WROC) Phase 2A & 3 for relocation and startup of existing generator project.

**Summary:** The WUD WROC project included the installation and startup of an existing generator being relocated at WTP #11. However, the generator at WTP #11 could not be released until the WTP #11 project was completed. Change Order No. 8 will grant a 75 day time extension to the WUD WROC Project for delay caused in relocation and startup of the existing generator to the new WUD WROC Generator Building and subsequent inability to obtain a Certificate of Occupancy from the Building Department. An additional 75 day time extension is now needed for the WUD WROC project to relocate the generator from WTP #11. The primary cause of the delay at WTP #11 was WUD's request, during construction, to change the Urea System day tank storage ultimately to an above ground 7 day storage capacity which required the re-design and fabrication of the new generator at WTP #11 for a total of 90 day extension to the WTP #11 project. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% for this contract and Trillium has achieved 32%. Trillium's SBE participation for this change order is 0%, as this change is for a time extension only. (Capital Improvements Division) District 6 (LDC)

**Background and Justification:** On May 17, 2016 the Board approved Amendment #12 to the contract with Trillium Construction, Inc. (R2012-1002) to install a new generator and relocate the existing WTP #11 generator to the newly constructed WUD WROC Facility to meet WUD's requirements for full back up power with 100% redundancy for both sites.

- Attachments:
- 1. Location Map
  - 2. Change Order No. 8

Recommended by:  Amy Wolf 7/16/18  
Department Director Date

Approved by:  K. Bafer 8/8/18  
County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	\$				
Operating Costs					
External Revenues					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$-0-	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					
Is Item Included in Current Budget:	Yes	X	No		
Does this item include use of federal funds?	Yes		No	X	

Budget Account No: Fund Dept Unit Object

B. Recommended Sources of Funds/Summary of Fiscal Impact:

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development Comments:

OFMB 7/25/18 Contract Development and Control 8/16/18

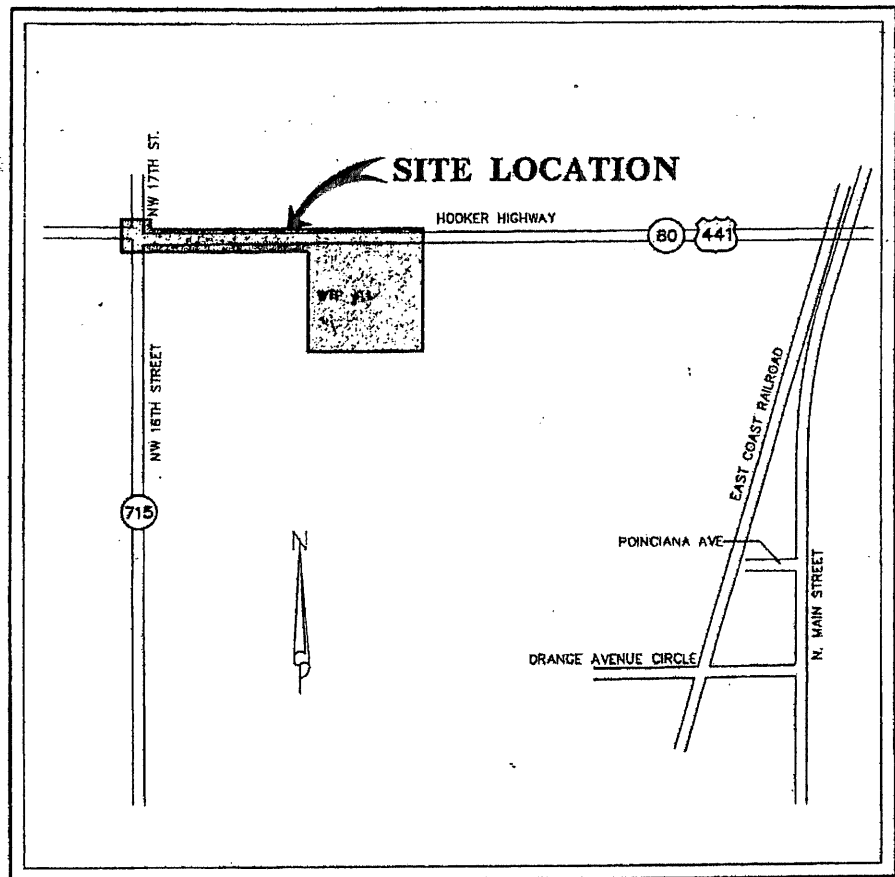
B. Legal Sufficiency:

Assistant County Attorney 8/7/18

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



S18 & 19, T43S, R37E  
S13 & 24, T43S, R36E

**LOCATION MAP**  
N.T.S.

ATTACHMENT 1

CHANGE ORDER BRIEF  
WUD WROC (WEST COUNTY) PHASE 2A & 3 (GENERATOR)  
PROJECT NO. 15206  
JUNE 26, 2018

Prime Contractor.....Trillium Construction Inc.

Change Order No. ....08

Change Order Amount .....\$0.00

Changed Contract Time .....75 calendar days

Description of CCP's:

1. CCP #28: 75 day time extension .....\$0.00

Description and Reason-for-Change Code:

1. CCP #28: (O) Delays due to redesign of Urea System which impacted installation of new generator, relocation of existing generator, and obtaining a certificate of occupancy.

Reason-for-change codes

- D = Differing Site Conditions  
E = Errors/Omissions in Design  
O = Owner-Initiated  
Q = Quantity Adjustments

- R = Request by another Agency/Outside Party  
X = Other (Specify: )  
Z = Zoning/Code/Ordinance Change

Estimated premium value of errors/omissions for this change order: \$N/A

SUBMITTED:

  
\_\_\_\_\_  
Anthony Longo, Manager  
Capital Improvements Division

7/16/2018  
\_\_\_\_\_  
Date



CHANGE ORDER HISTORY  
WUD WROC PHASE 2A  
PROJECT NO. 15206

CO #	Description	Date Approved	Sales Tax Direct Owner Purchase Change Order	Sales Tax Recovery	Amount Approved by Director	Amount Approved by CRC	Amount Approved by BCC	Days Approved by Director	Days Approved by CRC	Days Approved by BCC	\$ SBE
DOP-001	DOP CCP #001 - Sales Tax Recovery for DOP 15206-001 (Diesel Generator)	10/2/2016	-\$981,912.00	\$58,914.70							\$ -
DOP-002	DOP CCP #003 - Sales Tas Recovery for DOP 15206-002 (Butler)	11/17/2016	-\$236,633.00	\$13,363.14							\$ -
DOP-003	DOP CCP #004 - Sales Tax Recovery for DOP 15206-003 (Cors-Air)	2/21/2017	-\$19,241.00	\$1,156.46							\$ -
DOP-004	DOP CCP #005 - Sales Tax Recovery for DOP 15206-004 (Commercial Duct Systems)	2/21/2017	-\$19,650.00	\$1,179.00							\$ -
1	CCP #14 - Reduce construction contingency by \$44,156	12/22/2016			\$0.00			0			\$ 43,356.00
2	CCP #12 - Reduce construction contingency by \$39,892.90	5/19/2017			\$0.00			0			\$ 39,892.90
3	CCP #13 - Reduce construction contingency by \$38,392.50	5/20/2017			\$0.00			0			\$ 35,392.50
4	CCP #16 - Reduce construction contingency by \$45,308.	6/30/2017			\$0.00			0			\$ -
5	CCP #16 &17 - Reduce construction contingency by \$188,551	7/5/2017				\$0.00			90		\$ -
6	CCP #24 & 25 - Reduce construction contingency by \$4,931.00	4/23/2018			\$0.00			0			\$ -
7	CCP #27 - Reduce construction contingency by \$6,160.44.	6/15/2018			\$0.00			0			\$ -
8	CCP #28 - Time extension	Pending					\$0.00			75	\$ -
		Totals	-\$1,257,436.00	\$74,613.30	\$0.00	\$0.00	\$0.00	0	90	75	\$0.00
					DIR + CRC DOLLARS TO DATE		DIR + CRC TOTAL DAYS TO DATE				
					\$0.00		90				

AMENDMENT NO. 12	\$4,208,800.00
PREVIOUS DOP CHANGE ORDERS: 001-4	-\$1,257,436.00
PREVIOUS CHANGE ORDERS: (1-7)	\$0.00
THIS CHANGE ORDER ( CO #8)	\$0.00
ADJUSTED CONTRACT PRICE	\$2,951,364.00

PALM BEACH COUNTY

CHANGE ORDER

ISSUED TO: Trillium Construction Inc. CHANGE ORDER NO. 08

PROJECT: WUD WROC (West County) Phase 2 REFERENCE CCP NO.: 28

PROJECT NO. 15206 RESOLUTION NO.: R-2016-0619 (R-2012-1002)

DISTRICT NO.: 6

The completion date, contract price, and all terms, covenants, and conditions of the above referenced contract, except as duly modified by this and previous Change Orders, if any, shall remain in full force and effect.

DESCRIPTION OF CHANGE:

1. CCP #28: 75 day time extension .....\$0.00

CONTRACT PRICE

Original Contract Price : \$4,208,800.00

Previous Sales Tax CO #001 - 005: (\$1,257,436.00)

Previous CO # 1 – 7 \$0.00

This Change Order No. 8 : \$0.00

ADJUSTED Contract Price: \$2,951,364.00

COMPLETION DATE

Contract Completion Date will be increased by 75 calendar days.

Contract Notice to Proceed Date: 06/01/16

Contract Substantial Completion Date: 10/26/17

ADJUSTED Substantial Completion Date: 01/09/18

CONTRACTOR

Execution of this change order acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modifications(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

The above changes are accepted:

Trillium Construction, Inc.

Contractor

By: [Signature]

Print Name: Edward Meininger

Title: President Date: 7-16-18

DESIGN PROFESSIONAL

The above changes are recommended for approval by the Owner:

Colome & Associates, Inc.

Design Professional

By: [Signature]

Print Name: J. Colome'

Title: Proj. Mgr. Date: 7/16/18

PALM BEACH COUNTY

Recommended By:

By: [Signature]

Title: Project Manager Date: 7/16/18

By: [Signature]

Title: Director – CID Date: 7-16-18

By: [Signature]

Title: Director, FD&O Date: 7/16/18

By: [Signature]

Legal Sufficiency – CAO Date: 8/7/18

Approved By:

By: [Signature]

Melissa McKinlay

Title: Mayor, BCC Date: \_\_\_\_\_

## PALM BEACH COUNTY

## PBCWUD WESTERN REGION OPERATIONS CENTER

## FIELD BULLETIN (FB) #017 Phase 2, 2A, &amp; 3

TO: Trillium Construction, Inc.  
1450-B Kinetic Road  
Lake Park, Florida 33403

FB NUMBER: 017DATE: 2/22/17PROJECT NAME: PBCWUD WROC Phase 2, 2A & 3PROJECT NUMBER: WUD # 13053, CID # 15206CONTRACT NUMBER: R20 12-1002

ATTENTION: Ed Meinzinger

REFERENCE: Revisions to Integrated UREA System as  
requested by PBC WUD. (Revision No. 25)

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

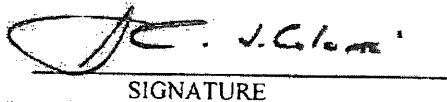
CAUSE: Required Per the second request by Water Utilities Department to revise the integrated UREA system from an underground tank to an above ground tank. Work was not part of the construction manager original scope of work.

DESCRIPTION: Provide cost and credit values for material and labor for the Revision No. 25 to integrated UREA system. (See attached revised mechanical and electrical drawing sheets M2.2, E1.2, E2.4, E2.6, E4.5, E4.7, E5.2, E5.3, E5.4 and E5.6 Revision No. 25).

NOTE: The Contractor shall submit, within 21 days of receipt of this Bulletin, a CONSTRUCTION CHANGE PROPOSAL # 08, in detailed form, for the above referenced project.

## ORIGINATOR:

Colome' & Associates, Inc.  
FIRM

  
SIGNATURE

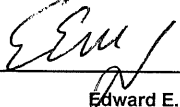
2/22/17  
DATE

## REMARKS:

DISTRIBUTION: Owner's Project Manager  
Owner's Field Representative

Colome' & Associates, Inc.  
DESIGN PROFESSIONAL

2/22/17  
DATE

PALM BEACH COUNTY	
CONSTRUCTION CHANGE PROPOSAL (CCP)	
TO: Palm Beach County Capital Improvements Division	CCP NUMBER: 28 PHASE 2a & 3 DATE: 06/23/18
ATTENTION: Anil Patel	PROJECT NAME: WESTERN REGION OPERATIONS CENTER
REFERENCE: Time Extension for Urea System Revision and Relocation of Existing WTP 11 Generator	PROJECT NUMBER: 15206 PHASE 2a & 3 CONTRACT NUMBER: R2012-1002 R2016-0764
We propose to accomplish the MODIFICATIONS Identified In Urea System Revision through Rev 25 and as described herein. Except as modified below, the original contract and all prior amendments shall remain in full force and effect.	
DESCRIPTION:  Trillium Construction Inc. (Phase 3) 75 Additional Contract Days to Relocate and Startup Existing Emergency Generator from WTP 11 to WROC (sub compl current target 10/26/17 to new proposed target of 1/9/18 = 75 days)  PROPOSED CONTRACT PRICE CHANGE: \$ -  PROPOSED CONTRACT TIME CHANGE: 75 DAYS  PROPOSED NEW SUBSTANTIAL COMPLETION: 01/09/18 DATE  FROM: Trillium Construction Inc. Construction Manager  SIGNED:  Edward E. Meinzing, President  DATE: 6/27/18	
DISTRIBUTION: C. Johnson L. Fiore R. Wells	

Palm Beach County Project Number 15206  
REF: Time Extension for Urea System Revision and  
Relocation of Existing WTP 11 Generator  
CCP: 028  
PHASE 2a and 3

WESTERN REGION OPERATIONS CENTER

Trillium Construction Inc. Project Number 16-25-049

Construction Change Proposal Calculation Sheet

Line Item	Description	Quantity	Unit	Unit Labor	Labor Cost	Unit Material	Material Cost	Unit Sub	Subcontract Cost	Total Cost	Comments
	SUBCONTRACTOR										
1											
2	Trillium Construction Inc. (Phase 3) 75 Additional Contract Days to Relocate and Startup Existing Emergency Generator from WTP 11 to WROC (sub compl current target 10/26/17 to new proposed target of 1/9/18 = 75 days)	1	LS				\$ -		\$ -	\$ -	
3											
4	See Attached Schedule Summary for Details										
5											
6											
7											
8											
9											
10											
11											
12											
13	Subtotal				\$ -		\$ -			\$0.00	
14											
15	General Conditions										
16											
17	Project Manager										
18	Project Superintendent										
19	Assistant Superintendent										
20	Labor										
21	Labor Burden										
22	Wireless Communications										
23											
24											
25	Subtotal										
26											
27	General Liability Insurance										
28											
29	Bond										
30											
31	Builders Risk										
32											
33	Construction Fee										
34											
31	Total Cost									\$0.00	

PBC #15206 WROC Generators		Jul-17 Apr-18			May-18		
	Phase 2a (New Generator) and Phase 3 (Existing Generator) Current Contract Substantial Completion						
	Urea Drawing Revisions Issued (Rev 15 Aug 2016; Rev 20 Oct 2016; Rev 24 Dec 2016; Rev 25 Feb 2017)	Field li					
	Urea Tank Delivered to WROC						
	JLRD Punchlist / Required Improvements Documented / Tank shipped offsite for modifications						
	Urea Tank Sent out of State for Modifications						
	Urea Tank Modifications Made and Returned to Site						
	BIG RED (Temporary Generator Delivered to Site)						
	Megger Feeders						
	Startup / Run New Generator (On Temporary Provisions) (critical path impact = Liquidated Damages)						CCP# 29
	Urea Piping and Instrumentation Punchlist						
	All Urea Piping and Instrumentation Complete						
	BIG RED (Temporary Generator Connection and Prep)						WUD availability of gear / additional materials were required to make operational
	Original Schedule to Relocate Existing Generator						was 5/17/17 through 7/18/17 baseline schedule but delayed due to new generator startup
	Relocate Existing Generator from WTP11 to WROC						
	Modify Existing Muffler & Equipment						CCP# 28
	Startup / Run Existing Generator						
	Correct Minor Issues / Punchlist Existing Generator						
	Building Department Issue Certificate of Occupancy		Start Warranty Period				
	Duration From Current Contract to Actual Substantial Completion						