Agenda Item # 3K-1

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date:

September 18, 2018

Consent [X]

Public Hearing []

Regular []

Department:

Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to receive and file: executed agreements received during the month of March, April and May 2018.

- A) Standard Potable Water and Wastewater Development Agreement with Librizzi Holdings, LLC, SDA #02-01152-000 (District 3), Recorded in OR BK 29886 PG 0225.
- B) Standard Potable Water and Wastewater Development Renewal Agreement with Boca Raton Associates VIII, LLLP, SDA #09-01064-000 (District 5), Recorded in OR BK 29886 PG 0234.
- C) Standard Potable Water and Wastewater Development Agreement with Boca Raton Associates VIII, LLLP, SDA# 09-01084-000 (District 5), Recorded in OR BK 29886 PG 0241.
- D) Change Order No. 3 for the Water Treatment Plant No. 3 Wellfield Improvements Project (WUD Project No. 16-042) with Florida Design Drilling Corporation

Summary: In accordance with County PPM CW-0-051, all delegated contracts/agreements/grants/ procurement items must be submitted by the initiating Department as a receive and file agenda item and are attached unless the documents have been recorded in the Public Records of Palm Beach County. The documents have been fully executed on behalf of the Board of County Commissioners (BCC) by the Director of the Water Utilities Department (WUD) in accordance with Resolutions R93-1619, R96-0228, and R2003-0539 and are now being submitted to the BCC to receive and file. (MJ).

Background and Justification: WUD's Uniform Policies and Procedures require Standard Development Agreements to obtain concurrency for water and/or wastewater service. The terms and conditions for Standard Development Agreements are outlined in the WUD Uniform Policies and Procedures Manual. The BCC delegated the authority to execute various types of Standard Development Agreements and related documents including Standard Indemnity Agreements to the Department Director including potable water and wastewater agreements (R93-1619); reclaimed water agreements (R96-0228); and additional conditions for potable water, wastewater and reclaimed water agreements (R2003-0539).

The Agreements have been executed on behalf of the BCC by the Director of WUD in accordance with the authority delegated by the BCC and are now being submitted to the BCC to receive and file.

Continued on Page 3

Attachments:

1. One (1) Original Change Order No. 3

Recommended By:	Jim Stilos	8-22-18	
,	Department Director	Date	
Approved By:	Till of Blum	9/6/18	
	Assistant 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	0 0 (\$511,659) 0 0	<u>0</u> 0 0 0	0 0 0 0	<u>0</u> <u>0</u> <u>0</u> <u>0</u>	0 0 0 0
NET FISCAL IMPACT	<u>(\$511,659)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Budget Account No.: Fu	nd 4000 Dept.	720	Unit 4200	Object_6992	
Is Item Included in Current I	Budget?		Yes	No	<u> </u>
Does this item include the u	se of federal fund	s?	Yes	No	<u> </u>

Reporting Category N/A

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

Mandatory Agreement Payment has been paid in full and service installation fees will be collected at the time of connection.

C.	Department Fiscal Review:	

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

La Pore	કોપ્સોહ
War Porus 127/17 OFMB	19/2 8 8/23

Contract Development and Control

B. Legal Sufficiency:

Assistant County Attorney

C. Other Department Review:

Department Director

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

Continued from Page 1

- A) Standard Potable Water and Wastewater Development Agreement with Librizzi Holdings, LLC, SDA #02-01152-000 (District 3). The Agreement authorizes the Property Owner located at the Southwest Corner of Melaleuca Lane and Gulfstream Road, 42.00 Equivalent Residential Connections (ERC's) for wastewater for five (5) years.
- B) Standard Potable Water and Wastewater Development Renewal Agreement with Boca Raton Associates VIII, LLLP, SDA #09-01064-000 (District 5). The Agreement authorizes the Property Owner located at 1.5 Mile South of Atlantic Avenue East Side of Lyons Road, 397.00 Equivalent Residential Connections (ERC's) for both water and wastewater for five (5) years.
- C) Standard Potable Water and Wastewater Development Agreement with Boca Raton Associates VIII, LLLP #09-01084-000 (District 5). The Agreement authorizes the Property Owner located at Lyons Road, South of Atlantic West of and adjacent to Turnpike, 500.00 Equivalent Residential Connections (ERC's) for both water and wastewater for five (5) years.
- D) Change Order No. 3 for the Water Treatment Plant No. 3 Wellfield Improvements Project (WUD Project No. 16-042) with Florida Design Drilling Corporation. On March 29, 2017, the Board of County Commissioners approved the Contract for the Water Treatment Plant No. 3 Wellfield Improvements Project with Florida Design Drilling Corporation (R2017-0313). Change Order No. 3 was approved by the Contract Review Committee on July 18, 2018 in the amount of \$0.00 and provided for a 24-day time extension. Change Order No. 1 was approved by the Contract Review Committee on December 20, 2017 in the amount of \$72,214.35 and provided for a 46-day time extension. Change Order No. 2 was approved by the Contract Review Committee on March 14, 2018 and provided for a 53-day Contract time extension. The cumulative time extension including Change Orders 1, 2 and 3 is 123 days. County PPM CW-F-050 requires Board notification when the cumulative limit of one hundred twenty (120) days has been reached to reset the applicable time limit approvals.

CHANGE ORDER NO. 3 Palm Beach County Water Utilities Department Resolution No. _2017-0313___ Contract Dated 3/14/17

Approved in CIP

Project Title:

WTP 3 Wellfield Improvements

ATTACHMENT 1

WUD Project No. WUD 16-042

Contractor: Florida Design Drilling Corporation

Address:

7733 Hooper Road, West Palm Beach, FL 33118

Budget Line Item No. 4011-721-W004-6541

District:

Notice to Proceed: 3/29/17

You are directed to make the following changes in this contract:

During rehabilitation of Well 3W-27, the gravel pack did not settle and had bridged. Additional well development is required to achieve necessary water quality. Extend the contract time by twenty-four (24) calendar days related to Well 3W-27 video, mobilization and demobilization of jet and pump development equipment. The twentyfour (24) day timeframe between 1-12-18 through 5-29-18 includes three (3) days for video review and seven (7) days for equipment set up for the jet/pump development. See the enclosed Florida Design Drilling Corporation letter and recommendation email from JLA Geosciences, Inc., in Attachment E.

\$0.00

Total:

\$0.00

All Attachments to this Change Order are made a part of this Change Order and incorporated herein.

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES THEIR AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

The Original Contract Sum was	\$1,396,875.00
Net Change by previous Change Orders	\$72,214.35
The Contract Sum prior to this Change Order was	
The Contract Sum will be increased by this Change Order	\$0.00
The New Contract Sum indicating this Change Order will be	\$1,469,089.35
The Contract Time will be increased (24) days	24 Days
The Date of Substantial Completion including this Change Order:	September 23, 2018
The Date of Final Completion including this Change Order:	October 23, 2018

Revised 4-12-18

CHANGE ORDER NO. _3___ Palm Beach County Water Utilities Department Resolution No. _2017-0313___ Contract Dated 3/14/17

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 modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

Florida Design Drilling Corporation CONTRACTOR	Palm Beach Count Water Utilities Dep ENGINEER	, , , , , , , , , , , , , , , , , , ,
7733 Hooper Road West Palm Beach, FL 33118 Address Signature Title: VICE PRESIDENT 6/25/17 Date	8100 Forest Hill Blv West Palm Beach, Address Signature Title: Project No.	West Palm Beach, FL 33401 Address Signature Jcs Irwin L. Jacobowitz, J. D.
STATE OF FLORIDA COUNTY OF PALM BEACH The foregoing instrument was acknowled before me this 25 day of JUNE by JEFFREY HAST as VICE PARTY for FLORIDA DESIGN DRIVLING CORR (Signature of Notary Public - State of Floring Recurrence Marketter Mar	_, 2517, RESIDENT PORATION: rida) Cree Notary Public)	APPROVED BY THE CONTRACT REVIEW COMMITTEE
SHARON LAWRENCE MCGEE Notary Public – State of Florida Commission # GG 129/64 My Comm. Expires Jul 31, 2021 Bonded through National Notary Assn.	······································	Revised 4-12-18

CHANGE ORDER NO. _3___ Palm Beach County Water Utilities Department Resolution No. _2017-0313___ Contract Dated _3/14/17___

LIST OF ATTACHMENTS

ATTACHMENT	Α	Change Order Summary and Categorization
ATTACHMENT	В	Change Order Additions/Deletions Summary
ATTACHMENT	С	SBE Schedule 1
ATTACHMENT	D	Location Map
ATTACHMENT	E	Supporting Documentation

ATTACHMENT A CHANGE ORDER NO. 3 SUMMARY AND CATEGORIZATION

Project Title: WTP 3 Wellfield Improvements

WUD Project No. WUD 16-042

Resolution No. 2017-0313

Item	C.O.	Scope of Work	Additions	(Deletions)	Net Change	Time
#	Code					
1	0	Additional video, mobilization and demobilization of jet development and pump development equipment.	\$0.00	\$0.00	\$ 0.00	24 days
				\$ -	\$ -	
				\$ -	\$ -	
				\$ -	\$ -	
				\$ -	\$ -	
				\$ -	\$ -	
		·		\$ -	\$ -	
				\$ -	¢	
-				\$ -	\$ -	
	1	Total	\$0.00	\$0.00	\$0.00	24 days

CHANGE ORDER CATEGORIZATION CODE

- O OWNER INITIATED
- D DIFFERING SITE CONDITIONS
- E ERRORS and OMISSIONS
- Z ZONING/CODE/ORDINANCE CHANGES
- Q QUANTITY OVERRUNS/UNDERRUNS
- R REQUEST BY ANOTHER AGENCY

ATTACHMENT B CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

Project Title:

WTP 3 Wellfield Improvements

APPROVAL LIMITS:

Contractor:

Florida Design Drilling Corp

7733 Hooper Road

West Palm Beach, Florida 33118

DEPARTMENT HEAD

CONTRACT REVIEW COMMITTEE

DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE

WUD Project No.:

WUD 16-042

(Days)

(Amount)

(Amount)

Resolution No.:

R2017-0313 March 14, 2017

INDIVIDUAL C.O.

\$50,000.00

30 Days \$100,000.00

90 Davs

\$100,000.00

(Days) N/A

Date Approved:
Contract Amount:

\$1,396,875.00

CUMULATIVE C.O. \$250.

\$250,000.00¹

(Amount)

30 Days \$200,000.00

120 Days

(Days)

\$200,000.00

N/A

			DEPARTME		CONTRACT REVIEW COMMITTEE		TOTAL DEP		BOARD OF COMMISS		
	DATE	NET	(ADDS PLUS	DEDUCTS)3	(ADDS PLUS	DEDUCTS)3	(ADDS PLUS	DEDUCTS)3	(ADDS PLUS I	DEDUCTS)3	
C.O.#	APPROVED	CHANGE ²	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	TOTALS
1	12/20/17	\$72,214.35	\$0.00	0	\$72,214.35	46	\$72,214.35	46	\$0.00	0	\$72,214.35
2	3/14/18	\$0.00	\$0.00	0	\$0.00	53	\$0.00	53	\$0.00	0	\$0.00
3	Pending	\$0.00	\$0.00	0	\$0.00	24	\$0.00	24	\$0.00	0	\$0.00

TOTAL	\$72,214.35	\$0.00	0	\$72,214.35	123	\$72,214.35	123	\$0.00	0	\$72,214.35

Notes:

^{1.} Per PPM #CW-F-050, upon approval of C.O. in the cumulative amount of \$250,000 or 5% of Contract Amount (> \$5 million), Receive and File must be submitted to the Board of County Commissioners to reset the dollar amounts.

^{2.} Net Change reflects the net amount of additions plus deductions.

^{3.} Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.

^{4.} Per PPM #CW-F-050, change orders for greater than 120 days (time only) must be submitted to the Board of County Commissioners for Receive and File.

ATTACHMENT C

SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE PARTICIPATION

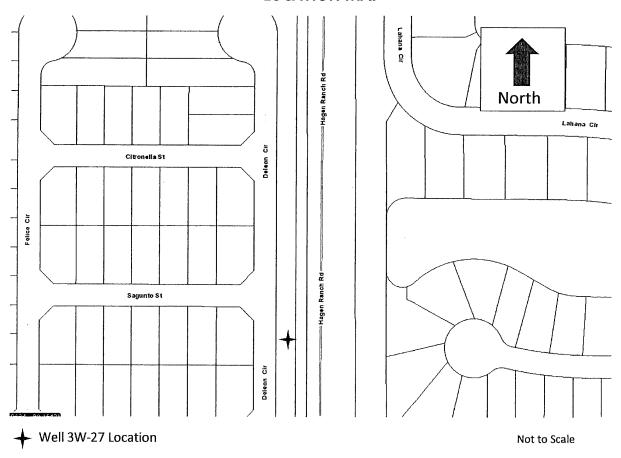
PROJECT NAME OR BID NAME: _PBC WUD WTP	3 Improvements			NO. OR BID NO.: _\					
NAME OF PRIME BIDDER:_Florida Design Drilling	A	ADDRESS:	7733 Hooper Road,	WPB, FL 33411 _			-		
CONTACT PERSON:Mike Black			: _561.844.2966				_		
BID OPENING DATE:11/9/2016		τ	USER DEPARTMENT: _Water Utilities						
THIS DOCUMENT IS TO BE COMPLETED BY THI AND DOLLAR AMOUNT AND/OR PERCENTAGE (ALSO LIST THE NAME, CONTACT INFORMATION) PRIME AFFIRMS THAT IT WILL MONITOR THE	OF WORK TO BE (AND DOLLAR AM SBES LISTED TO I	COMPLETED OUNT AND/OI ENSURE THE	BY ALL SE R PERCENT	BE -M/WBE's ON T AGE OF WORK TO	HIS PROJECT. BE COMPLETED	IF THE PRIME I D BY THE PRIM	IS AN SBE-M/WBE E ON THIS PROJE	, PLEASE	
	(Check one or both	Categories) <u>SBE</u>		DOLLAR AMOUNT	AND/OR PERCE	NTAGE OF WO	<u>rk</u>		
Name, Address and Phone Number	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)		
 Florida Design Drilling Corporation, 7733 Hooper Road, WPB, FL 33411 (561) 844.2966 		ΞŹ							
2.									
3.									
4.									
5.									
(Please use additional sheets if necessary)	Tota	ıl							
Total Bid Price \$0.00	Total SBI		pation Dollar	Amount and/or Percenta	ge of Work\$0.00)			
I hereby certify that the above information accurate to the best of	my knowledge:	Sign	nature	mich	nael Bleck		itle		

- 2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount and/or percentage under the appropriate category.
- M/WBE information is being collected for tracking purposes only.

ATTACHMENT D

Water Treatment Plant No. 3 System-Wide Wellfield Improvements Project Project No. WUD 16-042 Change Order #3

LOCATION MAP



ATTACHMENT E

SUPPORTING DOCUMENTATION



June 5th, 2018

To: Diana Rivera, P.E. / PMP

Palm Beach County Water Utilities Department

8100 Forest Hill Blvd.

West Palm Beach, Florida 33413

Office (561) 818-1673

Project: PBCWUD WTP 3 Well Rehab 16-042

Subject: Request for Time Extension – 3W-27 Development

Ms. Rivera,

On January 12, 2018, JLA Geosciences directed us to stop pump development at well 3W-27 so that a new well video could be performed. We performed the video and were then directed by JLA to remove the development pump and re-mobilize the jet development equipment. We re-mobilized as directed and began jetting. The extra video and mobilization for jetting amounted to a 14 calendar day delay.

An extra video was performed and reviewed after jetting, amounting to a 3 calendar day delay.

Additionally, we had de-mobilize the jetting equipment and re-mobilize the development pump, which delayed us another 7 calendar days.

In summary, we had to run an additional video, mobilize and demobilize the jet development equipment one additional time, run another video, and mobilize and demobilize the pump development equipment on additional time.

We hereby request an extension equal to 24 calendar days due to the additional mobilization and demobilization of development equipment detailed above.

Diana Rivera

From:

Rani K. Smith <rsmith@jlageosciences.com>

Sent:

Tuesday, June 05, 2018 1:05 PM

To:

Diana Rivera

Cc:

Tom Uram; Jim Andersen

Subject:

RE: Emailing: 3W-27 progress 6.5.18

Attachments:

3W-27 progress 6.5.18.xlsx

Follow Up Flag:

Follow up

Flag Status:

Flagged

Diana,

I requested that FDD revise their letter to 1) clarify the mobilization/demobilization of equipment, 2) revise number of additional videos performed and, 3) revise total days requested. FDD's original letter was also not clear in that they were not requesting additional time for actual development days, which has resulted in a reduction of requested days.

A breakdown of the additional work performed is provided below and on the attached spreadsheet. Please let me know if you have any questions or comments. Based on the information attached, FDD's request of 24 days is acceptable.

24 days

Request video 1/12/2018

Perform video #2 1/16/2018

5 days (includes date requested)

Complete FWDS/Jet setup; begin jet 1/25/2018

9 days

0*

End jet (partially complete) 2/2/2018

FDD BREAK IN DEVELOPMENT, Resume air/jet 5/1/2018

Complete air/jet 5/4/2018

0*

Perform video #3 5/7/2018

1 days

JLA review and recommendation 5/9/2018

2 days

Set up pump 5/23/2018

Begin pumping 5/29/2018

7 days (includes date installed)

Complete pump

FDD BREAK IN DEVELOPMENT

*FDD not requesting time for actual development days

Thanks,

Rani K. Smith Senior Hydrogeologist JLA Geosciences, Inc. 1907 Commerce Lane, Suite 104

Item No.	Item Description	Contract Est. Quantity	Unit	3W-27 Contract Estimated Quantity	3W-27 Current Actual Quantity	3W-27 Estimated Actual Quantity	Progress Percentage Complete
B1	Mobilization/Demobilization (3W-12, 3W-21, 3W-23, 3W-25, 3W-26, 3W-27, 3W-28)	7	Each	1	0.5	1	50%
B2	Site Restoration (3W-12, 3W-21, 3W-23, 3W-25, 3W-26, 3W-27, 3W-28)	7	Each	1	0	1	0%
B3	Pull existing pump and motor, wellhead, appurtenances	7	Each	1	1	1	100%
B4	Re-install existing pump and motor, wellhead, appurtenances	7	Each	1	0	1	0%
B5	Complete Well Video Logging	14	Each	2	3	4	75%
B6	Complete Geophysical Logging	7	Each	1	1	1	100%
B7	Pull existing well screen and riser	7	Each	1	1	1	100%
B8	Clean out well borehole to total depth	7	Each	1	1	1	100%
B9	Install new 16-inch diameter stainless steel well screen	445	Linear Feet	60	60	60	100%
B10	Install new 16-inch diameter SDR26 Certainteed Certa-lok well riser casing	715	Linear Feet	110	110	110	100%
B11	Furnish and install well gravel pack	2,890	Cu. Feet	410	472	472	100%
B12	Perform jetting with simultaneous airlift well development and cleanout of borehole	700	Hours	100	126.75	126.75	100%
B13	Perform airlift well development	350	Hours	50	23.25	23.25	100%
B14	Perform pump development	700	Hours	100	276.5	350	79%
B15	Conduct step-rate pump test	56	Hours	8	0	8	0%
B16	Well Disinfection and Sampling	7	Each	1	0	1	0%
B17	Water Quality Sampling	7	Each	1	0	1	0%
B18	Formation Water Disposal System	7	Each	1	2	2	100%

Updated end of day 6/4/18

1/8/18 - 1/12/18: Continued pump development; WQ testing is not indicating significant improvement in SDIs.

1/12/18 - Discussed with PBCWUD option for well video to review sand/silt production from the well. Video scheduled for Tuesday 1/16/18.

1/16/18: Intermittent well video performed. Video indicated intervals with gravel pack missing behind screen. Discussed with onsite PBC representative to return to jetting development to move 'bridge' of gravel.

1/16/18-1/19/18: FDD setting up for return to jetting development.

1/19/18 - 1/22/18: FDD setting up discharge system

1/25/18: Begin jetting of screened interval (3 hours). Gravel drop: 3 feet

1/26/18: Continue jetting of screened interval (5 hours). Gravel drop: 1.5 feet; End of day, breakdown of jet pump/motor

1/29/18: Repairs for jet pump/motor; airlift of fill (4 hours)

1/30/18: Airlift of fill (6 hours)

1/31/18: Repairs for jet pump/motor

2/1/18: Resume jetting (3.75 hours) Gravel drop: 1; Mid-day breakdown of jet pump/motor

2/2/18: Repairs of jet pump/motor

2/5/18-4/24/18: No development work

4/25/18: FDD setting up for jetting development

4/26/18-4/27/18: FDD shut down jetting due to interference with 3W-28 SDD.

5/1/18-5/2/18: FDD resumed jetting of screened interval. Perform 8 hours of jetting; total gravel drop 13.8 feet. Discontinue jetting.

5/3/18-5/4/18: FDD reverse air clean out of fill in well and set up for video.

5/7/18: FDD performed post jetting well video.

5/8/18: FDD submitted video to JLA for review.

5/9/18: JLA reviewed well video and provided recommendation to continue to pump development.

5/10/18-5/22/18: Waiting on pump to continue pump development.

5/23/18: FDD installed development pump (set to 80' bis).

5/24/18: FDD setting up discharge pipe for pump development

5/25/18: FDD setting up for pump development

5/28/18: PBCWUD Holiday, no development

5/29/2018: Continue Pump development

5/30/2018: Shut down for repairs

5/31/2018-6/5/2018: Continue Pump development

24 days
Request video 1/12/2018

Perform video #2 1/16/2018 5 days (includes date requested)

Complete FWDS/Jet setup; begin jet 1/25/2018 9 days End jet (partially complete) 2/2/2018 0*

FDD BREAK IN DEVELOPMENT

Resume air/jet 5/1/2018

Complete air/jet 5/4/2018 0*
Perform video #3 5/7/2018 1 days

JLA review and recommendation 5/9/2018 2 days

FDD BREAK IN DEVELOPMENT

Set up pump 5/23/2018

Begin pumping 5/29/2018 7 days (includes date installed)
Complete pump TBD 0*

*FDD not requesting time for actual development days

Contract Review Committee

X Change Order	Supplements	☐ Final Payment
	☐ CSA	

WUD Project #: WUD 16-042

Name of Contract: WTP 3 Well Improvements Project

Contract Approval Date: 3/14/2017

Contractor/Consultant: Florida Design Drilling Corporation

CSA/WA #:

Supplement #:

Change Order #: 3

Notice To Proceed (NTP) Date: 3/29/2017

Contract Duration (Days): 450

Substantial Completion Date: 5/23/18

Final Completion Date: 6/22/18

Total Change Order Days Up to Date: 99

Current Substantial Completion Date: 8/30/18

Current Final Completion Date: 9/29/18

Contract Liquidated Damages:

\$500/day

Days:

Amount \$

Original SBE Participation Goal: _95%

Actual SBE Participation Goal: 95%

Supplement # / Change #	Amount	Days	Approval Date	Approved By
CO#1	Ф70 044 OF	40	10/00/0017	222
•••	\$72,214.35	46	12/20/2017	CRC
CO#2	\$0.00	53	03/14/2018	CRC
CO#3	\$0.00	24	Pending	Pending