

**VI WAPA - Container Port Underground Project
St. Croix, USVI
Construction Change Directive**

Change Directive Number: 004
Date Submitted: 3/30/2022



Reason for Change:

Supply Chain Issues.

Description of Change:

1. Project Equipment Demobilize/Remobilize.
2. Make Safe Trench Flow-fill: Specific trench areas that were 2" below grade were brought up to grade to allow safer traffic flow during project delay period.
3. Additional Equipment and Labor for to handle uparalleled cabling. (The original project bid form provided for paralleled cabling.)
4. Additional rental of traffic control devices.
5. Extended General Conditions due to supply chain issues. The project schedule has been adversely impacted by 109 calendar days due to supply chain issues outside of the control of J. Benton Construction.

Qualifications and Clarifications:

The delay of 109 days is based upon information provided to J. Benton Construction by FXB Engineering as to the lead times of the owner supplied material and is only an estimate of duration. Further review of the delay may be necessary upon completion of the actual duration of delay.

The Contract Sum shall be increased by this Construction Change Directive in the amount of ----- \$150,331.47

The Contract Time shall be increased by ----- 109 Days

It is understood and agreed that execution of this Construction Change Directive is solely for the purpose of identifying and acknowledging agreed changes in the scope, quantities, cost and additional contract time (If applicable) of the Work. It is further agreed and understood that this is an interim instrument that will be submitted seperately or in conjunction with other changes in the Work in the form of a Change Order as provided in Article 7 of the General Conditions of the Contract.

J. Benton Construction, LLC

A blue ink signature of Anthony Mauro, consisting of a stylized 'A' and 'M'.

Anthony Mauro, Project Manager

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St. Croix, USVI

Construction Change Directive Cost Summary

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Summary of Costs (See attached worksheet for detailed breakdown)

Direct Labor Total	-----	\$13,240.00
Material Total	-----	\$34,371.45
Subcontractor Total	-----	\$35,640.00
General Conditions	-----	\$36,883.00
Direct Cost Subtotal	-----	\$120,134.45
OH&P (% of direct cost)	15.00%	\$18,020.17
General Requirements	8.10%	\$12,176.85
Total	\$150,331.47

General Conditions

Description	Quantity	Unit	% of Duration	Weekly Rate	Labor	Equipment	Services
Demobilization/Remobilization							
Project Management	0.5	WKS	100%	\$ 5,000.00	\$ 2,500.00		
Superintendent	1	WKS	100%	\$ 5,000.00	\$ 5,000.00		
Portable Toilets (x2)	1	WKS	100%	\$ 250.00			\$ 250.00
Project Delay							
Project Management	15.6	WKS	15%	\$ 5,000.00	\$ 11,700.00		
Superintendent	15.6	WKS	15%	\$ 5,000.00	\$ 11,700.00		
Project Cellular (x2)	15.6	WKS	15%	\$ 50.00		\$ 117.00	
Project Vehicles (x2)	15.6	WKS	15%	\$ 900.00		\$ 2,106.00	
Traffic Control Devices	15.6	WKS	100%	\$ 225.00		\$ 3,510.00	
Total					\$ 30,900.00	\$ 5,733.00	\$ 250.00

Explanation for Extension of Contract Time: The project schedule has been adversely impacted by 109 calendar days due to supply chain issues outside of the control of J. Benton Construction.

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Construction Change Directive Worksheet

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Description of Work	Labor/Equipment				Materials				Subcontractor			
	Class	Manhours	Rate	Total	Qty.	Type	Unit Cost	Total	Qty.	Type	Unit Cost	Total
Demobilization												
Equipment Demobilization	Operator	20	\$55.00	\$1,100.00								
Equipment Demobilization Trucking & Lowboy	Equipment	20	\$100.00	\$2,000.00								
Remobilization												
Equipment Remobilization	Operator	20	\$55.00	\$1,100.00								
Equipment Remobilization Trucking & Lowboy	Equipment	20	\$100.00	\$2,000.00								
Make-Safe Trench Work												
Trench Flow-Fill Labor	Tradesman	128	\$55.00	\$7,040.00								
Trench Flow-Fill Material					1	LS	\$565.63	\$565.63				
Trench Flow-Fill Material					1	LS	\$47.82	\$47.82				
Trench Flow-Fill Material					1	LS	\$7,524.00	\$7,524.00				
Trench Flow-Fill Material					1	LS	\$4,071.75	\$4,071.75				
Trench Flow-Fill Material					1	LS	\$4,283.25	\$4,283.25				
Trench Flow-Fill Material					1	LS	\$7,682.25	\$7,682.25				
Trench Flow-Fill Material					1	LS	\$2,970.00	\$2,970.00				
Trench Flow-Fill Material					1	LS	\$4,091.75	\$4,091.75				
Trench Flow-Fill Material					1	LS	\$3,135.00	\$3,135.00				
ICS Electrical												
Equipment/Labor for Unparalleled Cabling - Parrelled Cable Specified in Base Bid.												
Sheet Total:				\$13,240.00				\$34,371.45				\$0.00

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Construction Change Directive Worksheet

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Description of Work	Labor/Equipment				Materials				Subcontractor			
	Class	Manhours	Rate	Total	Qty.	Type	Unit Cost	Total	Qty.	Type	Unit Cost	Total
Crane Truck									18	Days	\$850.00	\$15,300.00
Reel Stands									18	Days	\$450.00	\$8,100.00
Additional Labor									18	Days	\$680.00	\$12,240.00
Subtotal:				\$13,240.00				\$34,371.45				\$35,640.00

Change Order**PROJECT:**

VI WAPA - Container Port Underground
Container Port Road
St. Croix, USVI

CONTRACT INFORMATION:

Contract For: SC-22-21
Date: 12/17/2020

CHANGE ORDER INFORMATION:

Change Order Number: CCD 003
Date: 3/30/2022

OWNER:

VI Water & Power Authority
PO Box 1450
St. Thomas, VI 00804

ARCHITECT:

FX Bonnes Engineering
5 Christy Drive
Chadds Ford, PA 19317

CONTRACTOR:

J. Benton Construction
3000 Orange Grove
Christiansted, VI 00820

The Contract is changed as follows:

Supply Chain Issues.

The original Contract Sum was:	\$ 2,528,500.00
The net change by previously authorized Change Orders:	\$ 1,643,374.46
The Contract Sum Guaranteed Maximum Price prior to this Change Order was:	\$ 4,171,874.46
The Contract Sum will be increased by this Change Order in the amount of	\$ 150,331.47
The new Contract Sum, including this Change Order, will be:	\$ 4,322,205.93
The Contract Time will be increased by:	109 Days
The new date of Substantial Completion will be:	9/11/2022

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

FX Bonnes Engineering

Architect (Firm name)

J. Benton Construction

Contractor (Firm name)

VIWAPA

Owner (Firm name)

Signature

Signature

Signature

Printed Name and Title

Anthony Mauro - Project Manager

Printed Name and Title

Printed Name and Title

Date

3/30/2022

Date

Date

				HR	Cost
L	01-15-2022 1-Regular Hourly Pay	01-11-2022 YAN;RENE		8.0000	
	01-15-2022 2-Overtime 1.5	01-11-2022 YAN;RENE		1.0000	
	01-15-2022 1-Regular Hourly Pay	01-11-2022 DIAZ;CURTIS R.		8.0000	
	01-15-2022 1-Regular Hourly Pay	01-12-2022 TROTMAN;KYMARI		8.0000	
	01-15-2022 2-Overtime 1.5	01-12-2022 TROTMAN;KYMARI		1.0000	
	01-15-2022 1-Regular Hourly Pay	01-12-2022 YAN;RENE		8.0000	
	01-15-2022 2-Overtime 1.5	01-12-2022 YAN;RENE		1.0000	
	01-15-2022 1-Regular Hourly Pay	01-12-2022 DIAZ;CURTIS R.		4.0000	
	01-15-2022 1-Regular Hourly Pay	01-12-2022 WILLIAMS;ALEX G.		8.0000	
	01-15-2022 2-Overtime 1.5	01-12-2022 WILLIAMS;ALEX G.		1.0000	
	01-22-2022 1-Regular Hourly Pay	01-21-2022 YAN;RENE		8.0000	
	01-22-2022 1-Regular Hourly Pay	01-21-2022 WILLIAMS;ALEX G.		4.0000	
	03-12-2022 1-Regular Hourly Pay	03-07-2022 BON SIME;LUIS N.		8.0000	
	03-12-2022 2-Overtime 1.5	03-07-2022 BON SIME;LUIS N.		1.0000	
	03-12-2022 1-Regular Hourly Pay	03-07-2022 YAN;RENE		8.0000	
	03-12-2022 2-Overtime 1.5	03-07-2022 YAN;RENE		1.0000	
	03-12-2022 1-Regular Hourly Pay	03-07-2022 FLEURANVIL;WALKI		8.0000	
	03-12-2022 2-Overtime 1.5	03-07-2022 FLEURANVIL;WALKI		1.0000	
	03-12-2022 1-Regular Hourly Pay	03-07-2022 SANKITTS;RICKY		8.0000	
	03-12-2022 2-Overtime 1.5	03-07-2022 SANKITTS;RICKY		1.0000	
	03-12-2022 1-Regular Hourly Pay	03-08-2022 YAN;RENE		8.0000	
	03-12-2022 1-Regular Hourly Pay	03-08-2022 MILLIGAN;MAGELLA		8.0000	
	03-12-2022 1-Regular Hourly Pay	03-08-2022 SANKITTS;RICKY		8.0000	
	03-12-2022 1-Regular Hourly Pay	03-08-2022 MATTHEWS; JAHMALLIE		8.0000	
				128.0000	
M	1166-Heavy Materials, LLC	12-08-2021 12.35 ton Heavy Materials, LLC			565.63
	1166-Heavy Materials, LLC	12-20-2021 1.01 ton Heavy Materials, LLC			47.82
	2258-Heavy Materials A ...	01-04-2022 38 cy Heavy Materials A U.S. Concret			7,524.00
	2258-Heavy Materials A ...	01-07-2022 20 cy w/ 4.47 waiting time Heavy Materials A			4,071.75
	2258-Heavy Materials A ...	01-11-2022 U.S. Concret			4,283.25
		20 cy w/ 12.93 waiting time Heavy Materials A			
	2258-Heavy Materials A ...	01-12-2022 U.S. Concret			7,682.25
		38 cy w/ 6.33 waiting time Heavy Materials A			
	2258-Heavy Materials A ...	01-21-2022 U.S. Concret			2,970.00
		15 cy Heavy Materials A U.S. Concret			
	2258-Heavy Materials A ...	03-07-2022 20cy Heavy Materials A U.S. Concret			4,091.75
	3199-High Quality Concrete	03-08-2022 flow fill 250psi High Quality Concrete			3,135.00