

EXHIBIT B



CHANGE ORDER NO. 1

Project Title:	Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation		
Project No.:	S18-001- BND	IFB No.:	IFB-01-ENG-2021
Contractor:	IAN Corporation		NTP Date: May 3, 2021

TO: IAN Corporation

You are directed to make changes noted below in the subject contract. The changes are accepted by:

Ian Chong Contractor Representative (PRINT)		PREPARED BY : <u>George Watson</u>	<u>3/30/2023</u> Date
 Contractor Representative (SIGNATURE)	<u>2/3/2023</u> Date	REVIEWED BY : <u>M McDonald</u>	<u>3/30/2023</u> Date
 Kenneth M. Rekdahl, P.E. Duenas, Camacho & Associates, Inc. - CM	<u>2/9/23</u> Date	RECOMMEND APPROVAL : <u>M McDonald</u>	<u>3/30/2023</u> Date
		Mauryn McDonald, P.E. Senior Engineer Supervisor, GWA Acting Assistant General Manager - Engineering, GWA	

NATURE OF CHANGES:

Additional work/changes to scope

- **MCC:** Revised dimensions of Motor Control Center (MCC) to address clearance issues between the proposed MCC and the ceiling and monorail beam.
- **Hoist:** Upgrade hoist capacity from 1 Ton to 2 Ton for additional work capacity and useful life.
- **Platform:** Change design and material of elevated platform to allow for safer working conditions, as well as ease of maintenance of pump station mechanical and electrical equipment, especially in the event of area flooding.
- **Labor:** Additional labor on top of original scope needed for install of changed items.

THE CHANGES RESULT IN THE FOLLOWING ADJUSTMENT OF CONTRACT PRICE:

Contract price prior to this Change Order	\$	928,884.74
Net INCREASE from this Change Order	\$	184,491.28
Revised contract price after this Change Order	\$	1,113,376.02

THE CHANGES RESULT IN THE FOLLOWING ADJUSTMENT OF CONTRACT TIME:

Contract time prior to this Change Order, with breakdown given below.	360	Calendar Days
Net INCREASE from this Change Order with breakdown given below (subject to approved terms and conditions)*	0	Calendar Days
Revised contract time after this Change Order	360	Calendar Days
Revised Contract Expiration Date after this Change Order (Substantial Completion Date)		Friday, April 29, 2022

CERTIFIED FUNDS AVAILABLE:

Vendor No.:	34288
Contract No.:	3024 OS
Funding Source:	BND 2020 MP-WW-Pump-01
G.L. NO.:	S281.2997.400000
Amount:	\$ 184,491.28

Taling M Taitano
Digitally signed by Taling M Taitano
Date: 2023.06.20 06:54:07 +10'00'
Taling M. Taitano, CPA, CGFM Date
Chief Financial Officer

APPROVED AS TO FORM:

Theresa G. Rojas
Digitally signed by Theresa G. Rojas
Date: 2023.04.27 09:03:39 +10'00'
Theresa G. Rojas
Legal Counsel, GWA

APPROVED:

Miguel C. Bordall, P.E.
General Manager, GWA
2023.6.20
Date



Website: www.dcaguam.com
Email: dca@dcaguam.com

February 2, 2023

Mr. Miguel C. Bordallo, PE
GWA General Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

Attn: George Watson

Ref: Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Subject: Yigo Sewer Pump Station – Change Order #01 (MCC, Hoist, & Elevated Platform)

Hafa Adai,

A cost review and analysis was performed by Duenas Camacho and Associates, Inc. (DCA) on the latest revision of cost proposal submitted by IAN Construction dated January 25, 2023. The proposal is in response to Guam Waterworks Authority's revised requirement for the following:

1. Revise height of the Motor Control Center to address the clearance issue between the proposed MCC and the ceiling and monorail beam.
2. Changing the hoist capacity from 1 Ton to 2 Tons.
3. Change in the design and material of the elevated platform.

After several cost comparison and clarification with the contractor, DCA recommends the proposal amount of **One Hundred Eighty-Four Thousand Four Hundred Ninety One and 28/100 (\$184,491.28)**. A copy of the contractor submitted documents is attached to this letter. A review of the contractor's August 18, 2022, time extension and make up schedule is ongoing and further negotiations for this time extension request are expected to continue.

Feel free to contact our office for any clarifications that you may have on this matter.

Regards,

Kenneth M. Rekdahl, P.E.
Duenas, Camacho and Associates Inc.
Resident Project Representative



PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructionguam.com

January 31, 2023

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

Re: Change Order Proposal No. 001
Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Good day Mr. Rekdahl:

The following is our proposal for the work described below:

General Scope of Work

Provide, install, and test new (MCC) equipment
Provide, install, and test two (2) each new hoist
Provide and install elevated Platform, stairs, railings, and ladder
Management, Engineering, & Misc. Costs
Contractor Mark-ups

TOTAL CHANGES: \$184,491.28

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Respectfully,

A handwritten signature in black ink, appearing to read 'Park Junhyoung', written over a horizontal line.

Junhyoung Park
Project Manager
IAN Corporation



PROPOSAL/ ESTIMATE FOR CONTRACT MODIFICATION

DATE:

January 31, 2023

CONTRACT TITLE:
YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION

CONTRACT NO: GWA S18-001-BND

CONSTRUCTION MANAGER:
DUENAS, CAMACHO AND ASSOCIATES

DESCRIPTION:	MCC, Hoist, Platform, Cable Tray, Terminal Box	Change Proposal No.	01
		Revision Control No.	
PRIME CONTRACTOR'S WORK		Revisions/Comments	
1. Direct Materials		\$	104,738.48
2. Sales Tax on Materials	_____ of line 1	0.00%	\$ -
3. Direct Labor		\$	28,420.00
4. Insurance, Taxes, and Fringe Benefits	20.00% of line 3	20.00%	\$ 5,684.00
5. Rental Equipment		\$	-
6. Sales Tax on Rental Equipment	_____ of line 5	0.00%	\$ -
7. Equipment Ownership and Operation Expenses		\$	-
8. SUBTOTAL (add lines 1 - 7)			\$ 138,842.48
9. Field Overhead	0.0% of line 8	0.00%	\$ -
10. SUBTOTAL (Add Lines 8 - 9)			\$ 138,842.48

Prime Remarks:

Cost itemized in the attached support sheet represents the additional costs from original scope of work to changed scope of work.

SUB-CONTRACTOR'S WORK			
11. Direct Materials		\$	-
12. Sales Tax on Materials	_____ of line 11	0.00%	\$ -
13. Direct Labor		\$	-
14. Insurance, Taxes, and Fringe Benefits	_____ of line 13	0.00%	\$ -
15. Rental Equipment		\$	-
16. Sales Tax on Rental Equipment	_____ of line 15	0.00%	\$ -
17. Equipment Ownership and Operation Expenses		\$	-
18. SUBTOTAL (add lines 11 - 17)			\$ -
19. Field Overhead	0.00% of line 18	0.00%	\$ -
20. SUBTOTAL (add lines 18 - 19)			\$ -
21. Home Office Overhead	0.00% of line 20	0.00%	\$ -
22. Profit	0.00% of line 20	0.00%	\$ -
23. SUBTOTAL (Add Lines 20 - 22)			\$ -

Sub's Remarks:

SUMMARY			
24. Prime Contractor's Work (from line 10)		\$	138,842.48
25. Sub-contractor's Work (from line 23)		\$	-
26. SUBTOTAL (add lines 24 - 25)			\$ 138,842.48
27. Prime Overhead on sub-contractor	5.00% of line 25	5.00%	\$ -
28. Prime's Home Office Overhead	15.00% of line 24	15.00%	\$ 20,826.37
29. Prime's Profit	10.00% of line 26	10.00%	\$ 13,884.25
30. SUBTOTAL (add lines 26 - 29)			\$ 173,553.10
31. Prime Contractor's Ins. & Bond	1.00% of line 30	1.00%	\$ 1,735.53
32. SUBTOTAL (Add Line 30 & 31)			\$ 175,288.63
33. GRT	5.25% of line 32	5.25%	\$ 9,202.65
34. SUBTOTAL (Add Line 32 & 33)			\$ 184,491.28

Estimated time extension and justification

Updated construction schedule will be provided accordingly pending lead times from suppliers. Draft schedule is provided for

Prime Contractor name: IAN Corporation
Sub-contractor name:

Signature & Title of preparer
Danilo Calupaz Jr.
Project Admin

Date January 31, 2023

BREAKDOWN OF DIRECT COSTS		Contract No. <u>GWA S18-001-BND</u>				Date: <u>January 31, 2023</u>				
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R O	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		Hrs	Unit Rate	Total
1. Provide, install, and test new (MCC) equipment										
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24						
b. Installation (no additional charge)	0.00	hour								
c. Testing (no additional charge)	0.00	hour								
d. Alum Cable Tray Supply and Install (new scope)	1.00	lot	\$ 2,000.00	\$ 2,000.00						
Material	48.00	hour			\$ 30.00	\$ 1,440.00				
Install										
e. Stainless Steel NEMA 4X Terminal Box	3.00	lot	\$ 766.50	\$ 2,299.50						
Material	12.00	hour			\$ 45.00	\$ 540.00				
Install										
2. Provide, install, and test two (2) each new hoist										
a. 2T Electrical Hoist with 40ft Chain										
i. Supply	1.00	each	\$ 4,399.28	\$ 4,399.28						
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
b. 2T Manual Hoist with 30ft Chain										
i. Supply	1.00	each	\$ 1,291.94	\$ 1,291.94						
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
c. Shipping Costs (Price change fr previous material)	1.00	each	\$ 249.52	\$ 249.52						
3. Provide and install elevated FRP Platform, stairs, railings, and steel ladder										
a. Supply	1.00	each	\$ 27,806.00	\$ 27,806.00						
b. Installation	48.00	hour			\$ 30.00	\$ 1,440.00				
c. Guam PE Fees	1.00	LS			\$ 10,000.00	\$ 10,000.00				
4. Management, Engineering, & Misc. Costs										
a. Project Manager	1.50	week			\$ 2,000.00	\$ 3,000.00				
b. Project Engineer	4.00	week			\$ 1,000.00	\$ 4,000.00				
c. Safety Officer	3.00	week			\$ 1,200.00	\$ 3,600.00				
d. Quality Control	3.00	week			\$ 1,200.00	\$ 3,600.00				
c. Project Coordinator / Administrator	1.00	week			\$ 800.00	\$ 800.00				
DIRECT Prime Contractor's TOTALS				\$ 104,738.48		\$ 28,420.00				
								R	Total (Rental)	\$ -
								O	Total (Owned)	\$ -

Original MCC

見 積 書

NO:
 MESSRS : 이안코퍼레이션 貴中
 工 事 名 : PROPOSED WORKFORCE HOUSING FACILITIES
 納 品 場 所 :

 (주) 대영이앤지
 본사 : 경기도 광주시 국사봉로 133번길 33-30
 TEL : (031) 764 - 5775(代)
 (031) 764 - 9339,9340
 FAX : (031) 764 - 9346

DATE : 2022年 11月 15日
 아래와 같이 견적합니다.

◆ 生 産 品 目 ◆
 手,配 電 般.分電般.自動整流器
 큐비클,MCC,CONTROL PANEL

#N/A

品 名	規 格	單 位	數 量	單 價	金 額
1. DPA,DPB TYPE	PANEL	SET	2	1,534,490	3,068,980
2. MDP PNL	PANEL	SET	1	6,431,020	6,431,020
3. 운반비	상차도	LOT	1	500,000	500,000
합 계					10,000,000

IAN: Korean Won

***** 견적 특기사항 *****

1) 제작은 승인도서 기준입니다
 2) 일반 랩포장 기준이며 지정장소 상차도 기준입니다
 3) 결제조건 : 계약금 50%
 제작완료후 납품전 50%
 입금완료후 지정장소 상차도
 4) 미국기준 IEEE는 내용을 알수없어 국내 일반기준을 적용하였습니다

(주) 대 영 이 앤 지

10,000,000 South Korean won equals

+ Follow

8,116.55 United States Dollar

1D 5D 1M 1Y 5Y Max



Jan 25, 8:42 AM UTC · Disclaimer

10000000 South Korean won ▼

8116.55 United States Dollar ▼

More about KRW/USD →

Feedback

Changed MCC

Page: 1 of 1

DATELINEEXPORTS

ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070
 Ph : 503-826-5710 Fax : 971-224-4604
 Email: DBOLKAN@DATELINEEXPORTS.COM
 SalesPerson: DUSTIN BOLKAN

DATE	O.A.NO
07/08/2022	00020089

BILL TO: IAN CORPORATION PO BOX 26764 GMF BARRIGADA, GU 96921 Ph: 671-734-3939	SHIP TO: IAN CORPORATION 1129 RT. 15 BARRIGADA, GU 96913 Ph: 671-734-3939 ATTN:RECEIVING/WAREHOUSE
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CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS
YIGO SEWER PUMP STATION MCC	7630	NET 30 DAYS ADI

SHIPPED VIA	CARRIER	ETA
OCEAN FREIGHT		

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
1	1		EA	MODEL 6 LVMCC INDUSTRIAL PACKA GE	71,246.640	\$71,246.64
				SUBTOTAL:		\$71,246.64
				OCEAN FREIGHT		\$3,125.00
				INSURANCE		\$520.60
TOTAL CIF GUAM PORT:						\$74,892.24

THANK YOU, DUSTIN BOLKAN

YOU HAVE ENTERED INTO A CONTRACT TO PURCHASE MATERIALS AS DETAILED HEREIN. NOTIFY US WITHIN 24 HOURS IF THERE ARE ANY CHANGES. CANCELLATION OF THIS ORDER WILL RESULT IN RESTOCKING AND CANCELLATION FEES. PAYMENTS MADE VIA CREDIT CARD WILL INCUR A 3.29% PROCESSING FEE.

1-877-437-2261



Aluminum Cable Tray

< [cable tray & accessories](#)



CSPSHI312L123

ABB 3 inch 12 inch Wide 12 inch Rung 3mtr CABLETRAY Galvanized Heavy Duty Tray Ladder

In Stock

\$197.67 / ea

Total length needed = 40ft
Qty needed = 3mtrs x 5 (45ft)

Qty ea

ADD TO CART

Manufacturer: ABB

Manufacturer #: SH1312L12-3



[Documents >](#)

Customers who bought this item also bought



[APPTC050055](#)
[EGS 1/2 inch Appleton Aluminum TC Cable Connector](#)

\$15.28 / ea

ADD TO CART



[APPTC075055](#)
[EGS 3/4 inch Appleton Aluminum TC Cable Connector](#)

\$17.97 / ea

ADD TO CART



[CSPA120010PGC](#)
[ABB 1-5/8 inch x 1-5/8 inch x 10 ft A Series A1200 12-Gauge Pre-Galvanized Strut](#)

Call for price



[CSPSHI306L123](#)
[ABB 3 inch 6 inch Wide 12 inch Rung CABLETRAY Straight Tray Ladder](#)

\$361.98 / ea

ADD TO CART

Description

Ladder constructed from hot dip galvanized steel. Formed siderails are welded to 1-5/8 inch wide rungs to provide maximum rigidity and strength. Rung design includes exclusive Ty-Rap® cable tie slots on 1 inch centers.

Specifications

Brand Name

ABB

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Item Name

Cable Tray Ladder

OK

Privacy

Type	U-Profile, Straight Section
Length	3 m
Width	12 in
Height	92.075 mm
Material	Steel
Finish	Hot-Dipped Galvanized
Standards	UL Listed, CSA Certified, NEMA Rated, NEC Compliant
Application	Schools, Hospitals, Office Buildings, Airports, Casinos, Stadiums, Petrochemical Plants, Automotive Plants Paper Plants, Food Processing, Power Plants Refineries, Manufacturing, Mining
UPC	785055200833

Packages

1 - UNIT - 1

GESCAN >

OUR EXPERTISE >

SOLUTIONS >

HEAD OFFICE

3165 - 114th Ave SE
Calgary, AB, T2Z 3X2

Phone number : 1-877-437-2261

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OK



CONSTRUCTION & POWER SOURCES, INC.

CPS ELECTRIC

P.O.Box 20964
 GMF, Guam 96921
 Phone:(671)649-1803/6 Fax:(671)649-1807
 Website:www.cpselectricinc.com
 Email:sales.guam@cps-electricinc.com

Quotation

Terminal Box

Date: 01/27/23
Invoice: 1 503214
Rep: GCE

Billing Address:

Ian Corporation
 PO BOX 26764
 Barrigada, Guam 96921
 (671) 734-3939

Shipping Address:

Ian Corporation
 PO BOX 26764
 Barrigada, Guam 96921

Stock Number	Description	QTY	Unit	Price	Ext. Price
U1212CHNFS	PULL BOX N4X (12X12X6)"	1	EA	1,095.00	1,095.00

PROJECT:
 P.O. NO.
 CHECK NO.

ALL ITEMS RECEIVED AND/OR SERVICES ACKNOWLEDGED BY:

Sub-Total: 1,095.00
Discount: 328.50
Tax:
Total: 766.50

Signature: _____
 Print: _____
 Date: _____

Thank You



Original Hoist

CONFIDENTIAL

03/3/2022

IAN CORPORATION
 210 EAST ROUTE 8
 BARRIGADA, GU 96913 USA
 ATTN: Bert .

The store serving you is:
 Fastenal Company
 215 Rojas Street, Unit 125
 TAMUNING, GU 96913 USA
 Phone: 671-648-1406
 Fax: 671-648-1408
 Email: GUTAM@stores.fastenal.com

Account #: HRGU0309
Quote #: 92565

PO #:
Job #:

Due Date:
Expiration Date: 04/3/2022

<u>Part #</u>	<u>Customer Part #</u>	<u>Description</u>	<u>Quantity</u>	<u>Price/EA</u>	<u>Extended Price</u>
HTP0100A		HTP0100A	1	\$215.0000	\$215.00
0501098		5626A HandChainHoist	1	\$355.0000	\$355.00
		2000lb Capacity 10' lift CM[REG] Hurricane 360[DEG] Rotation Hand Chain Hoist			
JLCUTM2016-3-10		JLCUTM2016-3-10	1	\$5,983.7300	\$5,983.73
				Subtotal (USD):	\$6,553.73
				Shipping & Handling:	\$323.21
				TOTAL (USD):	\$6,876.94

Thank you!



*Shipping & Handling charges are subject to change.

Changed Hoist

Price Quotation



CONFIDENTIAL

09/14/2022

IAN CORPORATION
 210 EAST ROUTE 8
 BARRIGADA, GU 96913 USA
 Email: eascano@ianconstruction.com
 ATTN: Emil Ascano

The store serving you is:
 Fastenal Company
 215 Rojas Street, Unit 125
 TAMUNING, GU 96913 USA
 Phone: 671-648-1406
 Fax: 671-648-1408
 Email: GUTAM@stores.fastenal.com

Account #: HRGU0309
Quote #: 95451

PO #:
Job #:

Due Date: 09/30/2022
Expiration Date: 09/30/2022

<u>Part #</u>	<u>Customer Part #</u>	<u>Description</u>	<u>Quantity</u>	<u>Price/EA</u>	<u>Extended Price</u>
		Electric Chain Hoist, 2 Ton, 40' Lift, JLCUTM4008	1	\$9,638.0100	\$9,638.01
		Chain Container for Hoist	1	\$745.0000	\$745.00
		Chain Container for Hoist Comments: JLC927 4			
		5" H x 5" W x 10" D CBT	1	\$496.8315	\$496.83
		5" H x 5" W x 10" D CBT 2 Ton Plain Push Trolley Comments: CBTP0200			
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS	1	\$1,365.1100	\$1,365.11
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS			
				Subtotal (USD):	\$12,244.95
				Shipping & Handling:	\$572.73
				TOTAL (USD):	\$12,817.68

Thank you!




*Shipping & Handling charges are subject to change.

Original Platform

견 적 서

Project명 : GAUM- Aluminum Grating 제작

업체명 : Ian Construction co,ltd 주소 : 210E Rout 8 Brrigada GU 96931 담당 : 박 준형이사 연락처 : 671-743-3939 E-MAIL : ian@ianconstruction.com 견적 금액 : \$37,918.00 (VAT 별도) 납품 장소 : maker yard 납 기 : 70일	등록번호 : 206-81-8539 공 급 기 (주) 정동디씨  주소 : 경주시 불국장터길 31, 101-10 대표 : 정 장 훈 연락처 : 010 - 3885 - 7432 전화번호 : 054 - 741 - 2162 팩스번호 : 054 - 742 - 2163 e - mail : jungdong2162@daum.net 홈페이지 : www. 정동디씨. Com
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아래와 같이 견적합니다.

일 자 : 2022. 10. 26

품 목	규 격	수 량 (ea)	단가(kg/\$)	금 액(\$)
1. AL-Grating -----				
spec:5tx38hx30sx100p	1,748x3,800	1	\$ 12,850.00	\$ 12,850.00
	914x3,680	1	\$ 4,960.00	\$ 4,960.00
	914X2,370	1	\$ 4,868.00	\$ 4,868.00
	1,570x3,800	1	\$ 10,920.00	\$ 10,920.00
2. AL-Stair -----				
spec:5tx38hx30sx100p	210x914	12	\$ 680.00	\$ 8,160.00
		12	\$ 680.00	\$ 8,160.00
3.Scrap Sales -----				-\$ 12,000.00
합 계				\$ 37,918.00
특 기 사 항	1 . Material : A6061-T6 2 . grating 상면 Non Slip 가공 3 . 표면처리없음 4 . 선입금 조건 5 . 포장 제외			

JDQP - 702 - 03

(주) 正東 D & C

A4 (210 X 297)

Changed Platform

견 적 서

Project명 : GAUM- FRP Grating 제작

업 체 명 : Ian Construction co,ltd
 주 소 : 210E Rout 8 Brrigada GU 96931
 담 당 : 박 준형이사
 연 락 처 : 671-743-3939
 E-MAIL : ian@ianconstruction.com
 견 적 금 액 : \$65,724.00 (VAT 별도)
 납 품 장 소 : maker yard
 납 기 : 60일

등 록 번 호 : 206-81-8539c
 공 급 기 (주) 정동디씨
 주 소 : 경주시 불국장터길 31, 101-10
 대 표 : 정 장 훈
 연 락 처 : 010 - 3885 - 7432
 전 화 번 호 : 054 - 741 - 2162
 팩 스 번 호 : 054 - 742 - 2163
 e - mail : jungdong2162@daum.net
 홈 페 이 지 : WWW. 정동디씨. Com

아래와 같이 견적합니다.

일 자 : 2022. 10. 26

품 목	규 격	수 량 (ea)	단가(kg/\$)	금 액(\$)
1. FRP-Grating -----				
spec:7t x 40hx40sx40p	914 X1320	2	\$ 2,304.00	\$ 4,608.00
	1400 X 2888	1	\$ 7,692.00	\$ 7,692.00
	914 X 2300	1	\$ 4,032.00	\$ 4,032.00
	914 X 3200	2	\$ 5,616.00	\$ 11,232.00
	914 X 914	2	\$ 1,632.00	\$ 3,264.00
	1570 X 3750	1	\$ 11,136.00	\$ 11,136.00
2. FRP-Stair -----				\$ -
spec : 7t x 40hx40sx40p	210 x 850	12	\$ 1,980.00	\$ 23,760.00
합 계				\$ 65,724.00
특 기 사 항	1 . Material : FRP 2 . 상면 Non Slip 가공 3 . 표면처리없음 4 . 선입금 조건 5 . 포장 제외			

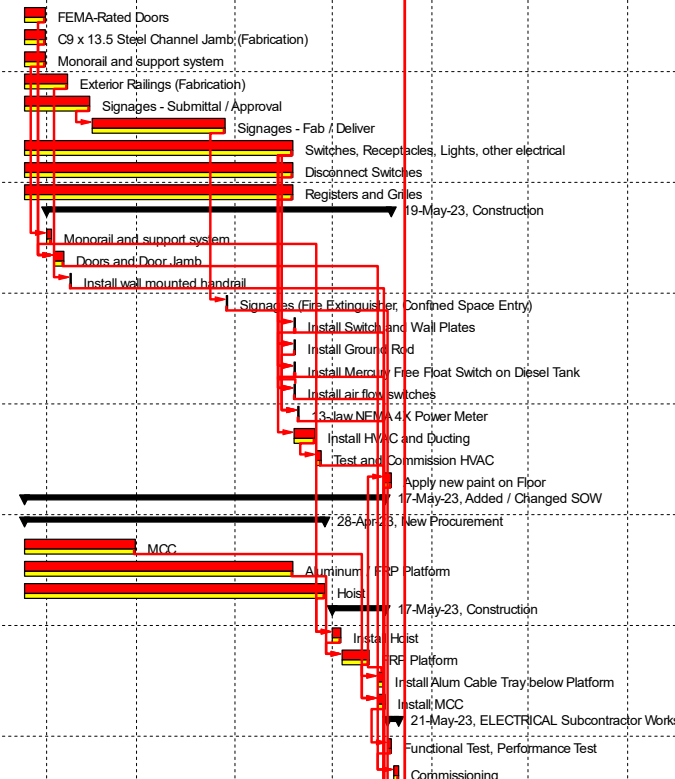
JDQP - 702 - 03

(주) 正東 D & C

A4 (210 X 297)

DRAFT ONLY

#	Activity ID	Activity Name	OD	RD	Calendar	physical % complete	Start	Finish	TF	Critical	2023												
											Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug				
1	YIGO Sewer Pump Station Flood Mitigation and Facility		124	124	5D+FH	0%	25-Jan-23	28-May-23	-365														
2	PROJECT MILESTONE		0	0	7D	0%	28-May-23	28-May-23	-365														
3	MMS1050	Project Completion Date [PCD]	0	0	7D	0%	28-May-23	28-May-23	-365														
4	CONSTRUCTION		117	117	5D+FH	0%	25-Jan-23	21-May-23	-366														
5	Remaining Works		83	83	5D+FH	0%	25-Jan-23	19-May-23	-260														
6	Original SOW		83	83	5D+FH	0%	25-Jan-23	19-May-23	-260														
7	Remaining Procurement		60	60	5D+FH	0%	25-Jan-23	18-Apr-23	-238														
8	PRO.1010	FEMA-Rated Doors	5	5	5D+FH	0%	25-Jan-23*	31-Jan-23	-202														
9	PRO.1020	C9 x 13.5 Steel Channel Jamb (Fabrication)	5	5	5D+FH	0%	25-Jan-23*	31-Jan-23	-202														
10	PRO.1040	Monorail and support system	5	5	5D+FH	0%	25-Jan-23*	31-Jan-23	-217														
11	PRO.1000	Exterior Railings (Fabrication)	10	10	5D+FH	0%	25-Jan-23*	07-Feb-23	-204														
12	PRO.1030	Signages - Submittal / Approval	15	15	5D+FH	0%	25-Jan-23*	14-Feb-23	-223														
13	PRO.1035	Signages - Fab / Deliver	30	30	5D+FH	0%	15-Feb-23*	28-Mar-23	-223														
14	PRO.1050	Switches, Receptacles, Lights, other electrical	60	60	5D+FH	0%	25-Jan-23*	18-Apr-23	-255														
15	PRO.1060	Disconnect Switches	60	60	5D+FH	0%	25-Jan-23*	18-Apr-23	-254														
16	PRO.1070	Registers and Grilles	60	60	5D+FH	0%	25-Jan-23*	18-Apr-23	-260														
17	Construction		78	78	5D+FH	0%	01-Feb-23	19-May-23	-260														
18	CONS.1090	Monorail and support system	2	2	5D+FH	0%	01-Feb-23	02-Feb-23	-217														
19	CONS.1000	Doors and Door Jamb	2	2	5D+FH	0%	03-Feb-23	06-Feb-23	-204														
20	CONS.1010	Install wall mounted handrail	1	1	5D+FH	0%	08-Feb-23	08-Feb-23	-204														
21	CONS.1070	Signages (Fire Extinguisher, Confined Space Entry)	1	1	5D+FH	0%	29-Mar-23	29-Mar-23	-223														
22	CONS.1020	Install Switch and Wall Plates	1	1	5D+FH	0%	19-Apr-23	19-Apr-23	-255														
23	CONS.1030	Install Ground Rod	1	1	5D+FH	0%	19-Apr-23	19-Apr-23	-255														
24	CONS.1040	Install Mercury Free Float Switch on Diesel Tank	1	1	5D+FH	0%	19-Apr-23	19-Apr-23	-255														
25	CONS.1050	Install air flow switches	1	1	5D+FH	0%	19-Apr-23	19-Apr-23	-255														
26	CONS.1080	13-Jaw NEMA 4X Power Meter	1	1	5D+FH	0%	20-Apr-23	20-Apr-23	-255														
27	CONS.1100	Install HVAC and Ducting	5	5	5D+FH	0%	19-Apr-23	25-Apr-23	-260														
28	CONS.1105	Test and Commission HVAC	2	2	5D+FH	0%	26-Apr-23	27-Apr-23	-260														
29	CONS.1060	Apply new paint on Floor	3	3	5D+FH	0%	17-May-23	19-May-23	-276														
30	Added / Changed SOW		81	81	5D+FH	0%	25-Jan-23	17-May-23	-277														
31	New Procurement		68	68	5D+FH	0%	25-Jan-23	28-Apr-23	-268														
32	PRO.2010	MCC	25	25	5D+FH	0%	25-Jan-23*	28-Feb-23	-225														
33	PRO.2000	Aluminum / FRP Platform	60	60	5D+FH	0%	25-Jan-23*	18-Apr-23	-267														
34	PRO.2020	Hoist	68	68	5D+FH	0%	25-Jan-23*	28-Apr-23	-278														
35	Construction		13	13	5D+FH	0%	01-May-23	17-May-23	-277														
36	CONS.2030	Install Hoist	3	3	5D+FH	0%	01-May-23	03-May-23	-278														
37	CONS.2010	FRP Platform	7	7	5D+FH	0%	04-May-23	12-May-23	-278														
38	CONS.2000	Install Alum Cable Tray below Platform	2	2	5D+FH	0%	15-May-23	16-May-23	-276														
39	CONS.2020	Install MCC	3	3	5D+FH	0%	15-May-23	17-May-23	-278														
40	ELECTRICAL Subcontractor Works		4	4	7D	0%	18-May-23	21-May-23	-388														
41	ESW1020	Functional Test, Performance Test	2	2	7D	0%	18-May-23	19-May-23	-388														
42	ESW1030	Commissioning	2	2	7D	0%	20-May-23	21-May-23	-388														



IAN CORPORATION
 GENERAL CONTRACTOR
 1129 ROUTE 15, BARRIGADA, GU, 96913
 PO BOX 26764, BARRIGADA, GU, 96921
 T. 1 (671) 734-3939 F. 1 (671) 734-7762
 bids@ianconstruction.com

**YIGO Sewer Pump Station Flood Mitigation and Facility
 Rehabilitation_230125**

CONSTRUCTION SCHEDULE | IAN CORP.
 PAGE 1 OF 2 | Project Start 26-Apr-21 | Project Finish 28-May-23



Date	Revision	Checked	Approved

#	Activity ID	Activity Name	OD	RD	Calendar	Physical % complete	Start	Finish	TF	Critical	2022	2023							
											Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
43	PROJECT CLOSE-OUT		7	7	7D		22-May-23	28-May-23	-365										
44	PCO1000	Substantial Completion and Generate Punch-List	1	1	7D	0%	22-May-23	22-May-23	-388	<input checked="" type="checkbox"/>									
45	PCO1010	Punch-List Clearing	5	5	7D	0%	23-May-23	27-May-23	-365	<input checked="" type="checkbox"/>									
46	PCO1020	Final Inspection	1	1	7D	0%	28-May-23	28-May-23	-365	<input checked="" type="checkbox"/>									

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YIGO Sewer Pump Station Flood Mitigation and Facility Rehabilitation_230125

CONSTRUCTION SCHEDULE | IAN CORP.
 PAGE 2 OF 2 | Project Start 26-Apr-21 | Project Finish 28-May-23

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Primary Baseline
- ◆ Milestone

Date	Revision	Checked	Approved

Edith B. Thompson

From: Danilo Calupaz <dcalupaz@ianconstruction.com>
Sent: Tuesday, January 31, 2023 9:58 AM
To: Edith B. Thompson
Cc: Mylene Celis; Emil Ascano; Sean Yi; Ian Chong; gjwatson@guamwaterworks.org; 'Ken Rekdahl'; rbgasal@dcaguam.com
Subject: RE: Yigo Pump Station - Change Order Proposal
Attachments: Yigo Change Order Proposal.pdf; Yigo Sewer Pump Station Change Order Request.pdf

Hi Edith,

As discussed, please see the updated change order proposal as attached.

Thank you!

Kind Regards,
Danilo Calupaz Jr.

www.ianconstructionguam.com

Office: (671) 734-3993

Fax: (671) 734-7762

E-mail: dcalupaz@ianconstruction.com

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Monday, January 30, 2023 10:54 AM
To: Sean Yi <syi@ianconstruction.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>; Mylene Celis <mcelis@ianconstruction.com>; gjwatson@guamwaterworks.org; Danilo Calupaz <dcalupaz@ianconstruction.com>; 'Ken Rekdahl' <kmrekdahl@dcaguam.com>; rbgasal@dcaguam.com
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Sean,

DCA wanted to inform you that your comment on the below email was considered in revising the cost proposal (see attached). The percentages of Insurance, Taxes, and Fringe Benefits; Prime Home Office OH; Prime Contractor's Ins. & Bond; and GRT were revised as per GWA standard.

Please finalize your cost proposal with Owner's signature and submit the CO #1 including the remaining two (2) price quotations the soonest time possible so that GWA can have time to review.

If you have other comments please let us know.

Thank you,
Edith

From: Sean Yi [<mailto:syi@ianconstruction.com>]
Sent: Friday, January 27, 2023 4:46 PM
To: Edith B. Thompson; gjwtson@guamwaterworks.org; Danilo Calupaz; 'Ken Rekdahl'
Cc: Emil Ascano; Ian Chong; Mylene Celis
Subject: RE: Yigo Pump Station - Change Order Proposal

Hello Edith,

Edith B. Thompson

From: Danilo Calupaz <dcalupaz@ianconstruction.com>
Sent: Tuesday, January 31, 2023 9:58 AM
To: Edith B. Thompson
Cc: Mylene Celis; Emil Ascano; Sean Yi; Ian Chong; gjwatson@guamwaterworks.org; 'Ken Rekdahl'; rbgasal@dcaguam.com
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Hi Edith,

As discussed, please see the updated change order proposal as attached.

Thank you!

Kind Regards,
Danilo Calupaz Jr.

www.ianconstructionguam.com

Office: (671) 734-3993

Fax: (671) 734-7762

E-mail: dcalupaz@ianconstruction.com

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Monday, January 30, 2023 10:54 AM
To: Sean Yi <syi@ianconstruction.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>; Mylene Celis <mcelis@ianconstruction.com>; gjwatson@guamwaterworks.org; Danilo Calupaz <dcalupaz@ianconstruction.com>; 'Ken Rekdahl' <kmrekdahl@dcaguam.com>; rbgasal@dcaguam.com
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Sean,

DCA wanted to inform you that your comment on the below email was considered in revising the cost proposal (see attached). The percentages of Insurance, Taxes, and Fringe Benefits; Prime Home Office OH; Prime Contractor's Ins. & Bond; and GRT were revised as per GWA standard.

Please finalize your cost proposal with Owner's signature and submit the CO #1 including the remaining two (2) price quotations the soonest time possible so that GWA can have time to review.

If you have other comments please let us know.

Thank you,
Edith

From: Sean Yi [<mailto:syi@ianconstruction.com>]
Sent: Friday, January 27, 2023 4:46 PM
To: Edith B. Thompson; gjwatson@guamwaterworks.org; Danilo Calupaz; 'Ken Rekdahl'
Cc: Emil Ascano; Ian Chong; Mylene Celis
Subject: RE: Yigo Pump Station - Change Order Proposal

Hello Edith,

Edith B. Thompson

From: Sean Yi <syi@ianconstruction.com>
Sent: Friday, January 27, 2023 4:46 PM
To: Edith B. Thompson; gjwatson@guamwaterworks.org; Danilo Calupaz; 'Ken Rekdahl'
Cc: Emil Ascano; Ian Chong; Mylene Celis
Subject: RE: Yigo Pump Station - Change Order Proposal

Hello Edith,

We are still in the process of trying to secure actual quotes for the material items that you requested. I had hoped to get them for you by today so that I could include them in this email response to DCA comments but unfortunately, I will have to forward any quotes to you next week once we receive them.

In regards to your marked up comments, I believe that I need to clarify that the line items in the change order support sheet are for MATERIAL ONLY costs. If we deduct the full SOV line item from the updated material quote, this is not an apples-to-apples comparison. The SOV line item cost represent the full efforts to provide and install that particular item which is not only material costs but also: Labor, Profit, Indirects, contingency, mark ups, other ancillary costs, etc. The change order "Supply" line items for the various materials are the delta in material costs only. This is why we did not include any line items for additional labor costs unless the new spec'd material actually required an additional level of effort above and beyond the originally scoped items. To illustrate this, we made line items for "installation" that were zero costs line items in the change order to represent we weren't charging any additional labor beyond what is in the SOV line item. On our side, we probably could have been clearer and noted "no additional charge, install costs in original SOW sov line item" or something of that nature. For that, my apologies.

1. Provide, install, and test new (MCC) equipment				
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24
b. Installation (no additional charge)	0.00	hour		
c. Testing (no additional charge)	0.00	hour		
d. Alum Cable Tray Supply and Install (new scope)	1.00	lot	\$ 3,500.00	\$ 3,500.00
Material	48.00	hour		
Install				\$ 3
e. Stainless Steel NEMA 4X Terminal Box	3.00	lot	\$ 2,200.00	\$ 6,600.00

I hope that clears this up. Please do not hesitate to contact us if you should have any further questions. Thanks and I hope we can get this agreed and settled quickly. Have a nice weekend.

Sean
 671-682-6500

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Thursday, January 26, 2023 3:56 PM
To: Sean Yi <syi@ianconstruction.com>; gjwatson@guamwaterworks.org; Danilo Calupaz <dcalupaz@ianconstruction.com>; 'Ken Rekdahl' <kmrekdahl@dcaguam.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Danilo/Sean,
Here is our review. Let me know if you have comments to discuss.

Thank you,
Edith

From: Sean Yi [<mailto:syi@ianconstruction.com>]
Sent: Thursday, January 26, 2023 3:48 PM
To: Edith B. Thompson; gjwatson@guamwaterworks.org; Danilo Calupaz; 'Ken Rekdahl'
Cc: Emil Ascano; Ian Chong
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Edith,

Thanks for the email. Let me work on getting formal quotes for those two items. In all honesty, we were unable to get a formal quote prior to our deadline of yesterday to submit the proposal and we didn't want to miss the promised submission date so we went off verbal discussion with the supplier and our own experience in ordering that type of material. Those two items were brought to our attention at the last minute as completely new items NIC per original scope but I will try and get a formal quote ASAP.

I will check for the stairs but I believe it's because we have two stairs in the original drawings but that's an off the cuff guess on my part. We will get it clarified. Thanks.

Sean

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Thursday, January 26, 2023 3:30 PM
To: Sean Yi <syi@ianconstruction.com>; gjwatson@guamwaterworks.org; Danilo Calupaz <dcalupaz@ianconstruction.com>; 'Ken Rekdahl' <kmrekdahl@dcaguam.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Sean,
Please see attached. Kindly submit price quotation for alum. Cable and the SSTL NEMA 4x Terminal Box.
In the original platform quotation; item no. 2 AI-Stair: Question: Is the amount of \$8,160 doubled? Please justify.

Thank you,
Edith

From: Sean Yi [<mailto:syi@ianconstruction.com>]
Sent: Thursday, January 26, 2023 2:20 PM
To: gjwatson@guamwaterworks.org; 'Edith B. Thompson'; Danilo Calupaz; Ken Rekdahl
Cc: Emil Ascano; Ian Chong
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Team,

Please let us know how/what IAN Corp can do to facilitate meeting these deadlines. My number is 671-682-6500. I can be reached by email, phone or whatsapp if necessary. Thanks much.

Sean

671-682-6500

From: giwatson@guamwaterworks.org <giwatson@guamwaterworks.org>
Sent: Thursday, January 26, 2023 1:20 PM
To: 'Edith B. Thompson' <ebthompson@dcaguam.com>; Danilo Calupaz <dcalupaz@ianconstruction.com>; Ken Rekdahl <kmrekdahl@dcaguam.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Sean Yi <syi@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>
Subject: RE: Yigo Pump Station - Change Order Proposal

All,

Just as an FYI. In order to make the CCU meeting agenda, we must submit our title to the change order **by or before the morning of February 2nd** and the completed Change Order documentation and resolution must be submitted **before February 7th**. This will mean that all discussion, reviews and changes to the CO must be completed before then. That includes DCA's review and GWA's review. I don't have the set deadline for the PUC petition, but it will likely be by the end of week (February 3rd) or the beginning of the week of February 6th.

George

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Thursday, January 26, 2023 12:22 PM
To: 'Danilo Calupaz' <dcalupaz@ianconstruction.com>
Cc: 'Emil Ascano' <eascano@ianconstruction.com>; 'Sean Yi' <syi@ianconstruction.com>; 'Ian Chong' <ian@ianconstruction.com>; 'George Watson' <giwatson@guamwaterworks.org>
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Danilo,
Confirming the receipt. We are reviewing.

Thank you,
Edith

From: Danilo Calupaz [<mailto:dcalupaz@ianconstruction.com>]
Sent: Thursday, January 26, 2023 10:16 AM
To: Edith B. Thompson
Cc: Emil Ascano; Sean Yi; Ian Chong; 'George Watson'
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Edith,

Kindly see the attached raw files for your further reference.

Thank you!

Kind Regards,
Danilo Calupaz Jr.
www.ianconstructionguam.com
Office: (671) 734-3993
Fax: (671) 734-7762
E-mail: dcalupaz@ianconstruction.com

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Thursday, January 26, 2023 9:55 AM
To: Danilo Calupaz <dcalupaz@ianconstruction.com>
Cc: Emil Ascano <eamcano@ianconstruction.com>; Sean Yi <syi@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>; 'George Watson' <gjwatson@guamwaterworks.org>; Danilo Calupaz <dcalupaz@ianconstruction.com>
Subject: RE: Yigo Pump Station - Change Order Proposal

Hi Danilo,
Could you kindly send the raw file.

Thank you,
Edith

From: Ken Rekdahl [<mailto:kmrekdahl@dcaguam.com>]
Sent: Thursday, January 26, 2023 8:29 AM
To: Danilo Calupaz
Cc: Editha F. Beltran-Thompson; Emil Ascano; Sean Yi; Ian Chong; George Watson
Subject: Re: Yigo Pump Station - Change Order Proposal

Danilo,

Thank you for the files. We will review them.

Ken

On Jan 25, 2023, at 7:07 PM, Danilo Calupaz <dcalupaz@ianconstruction.com> wrote:

Hi Ken,

Good day. Please see the attached files for your review and approval. If you have any questions on this proposal, we request that we have a telephone conference to discuss to expedite the process.

Thank you!

Kind Regards,

Danilo Calupaz Jr.

<image001.png>

www.ianconstructionguam.com

Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921

Physical: 1129 Route 15
Barrigada, GU 96913

Office: (671) 734-3993

Fax: (671) 734-7762

E-mail: dcalupaz@ianconstruction.com

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<Yigo Sewer Pump Station Change Order Request.pdf><Yigo Change Order Proposal.pdf>

Edith B. Thompson

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Monday, November 28, 2022 1:56 PM
To: 'Danilo Calupaz'
Cc: 'kmrekdahl@dcaguam.com'; 'Emil Ascano'; 'Junhyoung Park'; 'Ian Chong'; ggattoc@guamwaterworks.org; gjwatson@guamwaterworks.org; rapangilinan@dcaguam.com; rbgasal@dcaguam.com; ardanila@dcaguam.com; tethompson@dcaguam.com
Subject: RE: Yigo SPS - Submittal Reminder- Cost Proposal 1-4
Attachments: FRP Platform.pdf; MCC.PDF; Hoist.pdf

Hi Danilo,

Please see the corrections on the attached cost proposal. Revise and submit the justification for each cost proposal for review and approval.

Should you have any questions please do not hesitate to call us.

Thank you,
Edith

From: Danilo Calupaz [mailto:dcalupaz@ianconstruction.com]
Sent: Wednesday, November 16, 2022 1:40 PM
To: Editha F. Beltran-Thompson
Cc: kmrekdahl@dcaguam.com; Emil Ascano; Junhyoung Park; Ian Chong
Subject: RE: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

Hi Edith,

Kindly see attached files for your reference.

Thank you!

Kind Regards,

Danilo Calupaz Jr.



Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921
Physical: 1129 Route 15
Barrigada, GU 96913
Office: (671) 734-3993
Fax: (671) 734-7762
E-mail: dcalupaz@ianconstruction.com

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From: Danilo Calupaz
Sent: Friday, November 4, 2022 10:33 AM
To: Ken Rekdahl <kmrekdahl@dcaguam.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Eric Palacios <epalacios@ianconstruction.com>; Junhyoung Park <junpark@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>; Tracey Thompson <tethompson@dcaguam.com>; Rozette Pangilinan <rapangilinan@dcaguam.com>; Roi B. Gasal <rbgasal@dcaguam.com>; Arden Danila <ardanila@dcaguam.com>; George Watson <gjwatson@guamwaterworks.org>; Gerald Gattoc <ggattoc@guamwaterworks.org>
Subject: RE: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

I li Ken,

Kindly see attached change order letters together with the supporting documents requested. Please also see our replies on your queries below:

1. Why is "Install elevated platform, stairs, railings, and steel ladder" included in the cost proposal. This is already in the original contract. The only scope of work for this cost change request is the material.
Response: As the change does not only affect the material to be used on the platform but also the design, it was necessary for us to revisit the "other" material requirements such as the structural frames of the platform and other design elements that are not FRP. Labor and overhead were also revisited and considered.
2. Submit supplier's price quotation.
Response: Attached the supplier price quotations.
3. Invoice for professional fee.
Response: Attached the professional fee invoice.
4. Cost breakdown of unused aluminum materials.
Response: Attached the billing from manufacturer for the aluminum materials already procured.
5. We need more supporting information (vendor quote) on the new 66 inch MCC.
 - o Response: Attached the vendor quote on the 66inch MCC.
6. What is the justification for the Covid-19 economic impact?
 - o Response: This item relates to overhead incurred during the preconstruction stage of the project. A considerable amount of time was expended due to the long wait time on emails from suppliers, especially off-island ones, which is relative to the slow transitioning of offices from the Covid-19 break. The change in the design and the time incurred in communicating with the supplier has been extensive. The man hours expended from our staff members during this period has been quantified as per the line item in the proposal. This Covid-19 impact is exclusive to the MCC panel process.

Thank you!

Kind Regards,

Danilo Calupaz Jr.



Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921
Physical: 1129 Route 15
Barrigada, GU 96913
Office: (671) 734-3993
Fax: (671) 734-7762
E-mail: dcalupaz@ianconstruction.com

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From: Ken Rekdahl <kmrekdahl@dcaguam.com>
Sent: Thursday, November 3, 2022 4:25 PM
To: Danilo Calupaz <dcalupaz@ianconstruction.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Eric Palacios <epalacios@ianconstruction.com>; Junhyoung Park <junpark@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>; Tracey Thompson <tethompson@dcaguam.com>; Rozette Pangilinan <rapangilinan@dcaguam.com>; Roi B. Gasal <rbgasal@dcaguam.com>; Arden Danila <ardanila@dcaguam.com>; George Watson <gjwatson@guamwaterworks.org>; Gerald Gattoc <ggattoc@guamwaterworks.org>
Subject: Re: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

Danilo,

I have not received the requested information for the subject proposals. We need this to continue our review of the request. We will not make this months required CUC board meeting review. This will delay the processing of any acceptable change order proposals.

Please be reminded that while we are negotiating/reviewing these proposals we expect Ian to continue to progress on the project. This includes the MCC, platform and joint related works.

Be assured that we will work with Ian Construction to reach a fair resolution on these proposal.

Thank you,

Ken

On Oct 31, 2022, at 2:58 PM, Ken Rekdahl <kmrekdahl@dcaguam.com> wrote:

Danilo,

Just a reminder on the request below.

Thank you,

Ken

On Oct 28, 2022, at 2:59 PM, Danilo Calupaz <dcalupaz@ianconstruction.com> wrote:

Hi Ken,

Good afternoon. Confirming receipt of your email below. We'll get back to you and Edith's comments below as soon as we can.

Thank you!

Kind Regards,

Danilo Calupaz Jr.

<image001.png>

www.ianconstruction.com

Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921

Physical: 1129 Route 15
Barrigada, GU 96913

Office: (671) 734-3993

Fax: (671) 734-7762

E-mail: dcalupaz@ianconstruction.com

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From: Ken Rekdahl <kmrekdahl@dcaguam.com>

Sent: Friday, October 28, 2022 2:39 PM

To: Danilo Calupaz <dcalupaz@ianconstruction.com>

Cc: Emil Ascano <eascano@ianconstruction.com>; Eric Palacios

<epalacios@ianconstruction.com>; Junhyoung Park <junpark@ianconstruction.com>;

Ian Chong <ian@ianconstruction.com>; Tracey Thompson

<tethompson@dcaguam.com>; Rozette Pangilinan <rapangilinan@dcaguam.com>; Roi

B. Gasal <rbgasal@dcaguam.com>; Arden Danila <ardanila@dcaguam.com>; George

Watson <gjwatson@guamwaterworks.org>; Gerald Gattoc

<ggattoc@guamwaterworks.org>

Subject: Re: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

Danilo,

(Please confirm receipt of this email)

I was just informed by GWA that we need to conclude our review and negotiations of all submitted charge orders before the end of next week. The reason for this is that board approval will be needed and the board will only meet one more time this year in November.

Please send us the requested information no later than Tuesday next week.

We will also need the same information for the hoist and MCC request.

Please be aware that we have not approved these claims and are still evaluating the basis for them. So please send all the supporting information you have.

Regards

Ken

On Oct 27, 2022, at 1:20 PM, Edith B. Thompson
<ebthompson@dcaguam.com> wrote:

Hi Danilo,
GWA had decided to use RFP. Could you please provide the following
for review:

1. Why is "***Install elevated platform, stairs, railings, and steel ladder***" included in the cost proposal.
This is already in the original contract. The only scope of work
for this cost change request is the material.
2. Submit supplier's price quotation.
3. Invoice for professional fee.
4. Cost breakdown of unused aluminum materials.

Thank you,
Edith

From: Danilo Calupaz [<mailto:dcalupaz@ianconstruction.com>]
Sent: Thursday, October 27, 2022 12:06 PM
To: Edith B. Thompson; 'Ken Rekdahl'; 'Tracey Thompson'
Cc: Emil Ascano; Eric Palacios; Junhyoung Park; Ian Chong
Subject: RE: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

Hi Edith,

Thank you for taking my call earlier. As discussed, the redlined net
amounts will be the incremental amounts to the original contract
amount after approval.

Kind Regards,

Danilo Calupaz Jr.

<image001.png>
www.ianconstructionquam.com

Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921
Physical: 1129 Route 15
Barrigada, GU 96913

Office: (671) 734-3993
Fax: (671) 734-7762
E-mail: dcalupaz@ianconstruction.com

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received this transmission in error, please notify the sender by return email and destroy
immediately.

From: Edith B. Thompson <ebthompson@dcaguam.com>
Sent: Tuesday, October 25, 2022 4:46 PM

To: Danilo Calupaz <dcalupaz@ianconstruction.com>; 'Ken Rekdahl' <kmrekdahl@dcaguam.com>; 'Tracey Thompson' <tethompson@dcaguam.com>
Cc: Emil Ascano <eascano@ianconstruction.com>; Eric Palacios <epalacios@ianconstruction.com>; Junhyoung Park <junpark@ianconstruction.com>; Ian Chong <ian@ianconstruction.com>
Subject: RE: Yigo SPS - Submittal Reminder- Cost Proposal 1-4

Hi Danilo,
Please confirm if the total amount in the SOV will be deducted in the final total amount (see attached).
Provide manufacturer's price quotation for all the cost proposals submitted for price verification.

Thank you,
Edith

From: Danilo Calupaz [<mailto:dcalupaz@ianconstruction.com>]
Sent: Wednesday, October 19, 2022 6:24 PM
To: Ken Rekdahl; Edith B. Thompson; Tracey Thompson
Cc: Emil Ascano; Eric Palacios; Junhyoung Park; Ian Chong
Subject: RE: Yigo SPS - Submittal Reminder

Hi Team,

Kindly see the attached files for our cost proposals for the following:

- MCC (due to custom height)
- Hoist (increase in capacity)
- Aluminum Platform (change in design)
- FRP Platform (change in design and material)

Please let us know if you have issues and/or concern.

Thank you!

Kind Regards,

Danilo Calupaz Jr.

<image001.png>

www.ianconstructionguam.com

Mailing: P.O. Box 26764 GMF
Barrigada, GU 96921

Physical: 1129 Route 15
Barrigada, GU 96913

Office: (671) 734-3993

Fax: (671) 734-7762

E-mail: dcalupaz@ianconstruction.com

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received this transmission in error, please notify the sender by return email and destroy immediately.

From: Tracey Thompson <tethompson@dcaguam.com>
Sent: Wednesday, October 19, 2022 3:10 PM
To: Emil Ascano <eascano@ianconstruction.com>; Danilo Calupaz <dcalupaz@ianconstruction.com>
Cc: Ken Rekdahl <kmrekdahl@dcaguam.com>; Edith B. Thompson <ebthompson@dcaguam.com>
Subject: Yigo SPS - Submittal Reminder

Hi Mr. Danilo/Mr.Emil,

This is a reminder to submit the following:

1. Cost of platform FRP – this week, October 21, 2022.
2. Cost of platform Alum. – this week, October 21, 2022.
3. Cost of 2 Ton hoist 40' long chain - this week , October 21,2022.
4. Manual hoist 30' long chain - this week, October 21, 2022.

Thank you,
Tracey

<Yigo CCR#03 - FRP.PDF>

Kenneth M. Rekdahl, PE
Chief of Special Projects
Duenas, Camacho & Associates, Inc.
671-477-7991

Kenneth M. Rekdahl, PE
Chief of Special Projects
Duenas, Camacho & Associates, Inc.
671-477-7991

Kenneth M. Rekdahl, PE
Chief of Special Projects
Duenas, Camacho & Associates, Inc.
671-477-7991

PROPOSAL/ ESTIMATE FOR CONTRACT MODIFICATION

DATE: January 25, 2023

CONTRACT TITLE: YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION
 CONSTRUCTION MANAGER: DUENAS, CAMACHO AND ASSOCIATES

CONTRACT NO: GWA S18-001-BND

DESCRIPTION: **MCC, Hoist, Platform, Cable Tray** Change Proposal No. 01
 Revision Control No.

PRIME CONTRACTOR'S WORK				Revisions/Comments
1. Direct Materials			\$ 110,538.98	
2. Sales Tax on Materials	_____ of line 1	0.00%	\$ -	
3. Direct Labor			\$ 37,880.00	\$ 27,880.00
4. Insurance, Taxes, and Fringe Benefits	20% 23.00% of line 3	23.00%	\$ 8,712.40	5,576.00
5. Rental Equipment			\$ -	
6. Sales Tax on Rental Equipment	_____ of line 5	0.00%	\$ -	
7. Equipment Ownership and Operation Expenses			\$ -	
8. SUBTOTAL (add lines 1 - 7)			\$ 157,131.38	143,994.98
9. Field Overhead	0.0% of line 8	0.00%	\$ -	
10. SUBTOTAL (Add Lines 8 - 9)			\$ 157,131.38	143,994.98

Prime Remarks:
 Cost itemized in the attached support sheet represents the additional costs from original scope of work to changed scope of work.

SUB-CONTRACTOR'S WORK			
11. Direct Materials			\$ -
12. Sales Tax on Materials	_____ of line 11	0.00%	\$ -
13. Direct Labor			\$ -
14. Insurance, Taxes, and Fringe Benefits	_____ of line 13	0.00%	\$ -
15. Rental Equipment			\$ -
16. Sales Tax on Rental Equipment	_____ of line 15	0.00%	\$ -
17. Equipment Ownership and Operation Expenses			\$ -
18. SUBTOTAL (add lines 11 - 17)			\$ -
19. Field Overhead	0.00% of line 18	0.00%	\$ -
20. SUBTOTAL (add lines 18 - 19)			\$ -
21. Home Office Overhead	0.00% of line 20	0.00%	\$ -
22. Profit	0.00% of line 20	0.00%	\$ -
23. SUBTOTAL (Add Lines 20 - 22)			\$ -

Sub's Remarks:

SUMMARY				
24. Prime Contractor's Work (from line 10)			\$ 157,131.38	143,994.98
25. Sub-contractor's Work (from line 23)			\$ -	
26. SUBTOTAL (add lines 24 - 25)			\$ 157,131.38	143,994.98
27. Prime Overhead on sub-contractor	5.00% of line 25	5.00%	\$ -	
28. Prime's Home Office Overhead	15% 10.00% of line 24	10.00%	\$ 15,713.14	21,599.25
29. Prime's Profit	10.00% of line 26	10.00%	\$ 15,713.14	14,399.50
30. SUBTOTAL (add lines 26 - 29)			\$ 188,557.66	179,994.73
31. Prime Contractor's Ins. & Bond	1.0% 5.00% of line 30	5.00%	\$ 9,427.88	1,799.94
32. SUBTOTAL (Add Line 30 & 31)			\$ 197,985.54	181,793.67
33. GRT	5.25% 5.27% of line 32	5.27%	\$ 10,433.84	9,544.17
34. SUBTOTAL (Add Line 32 & 33)			\$ 208,419.38	191,337.84

Estimated time extension and justification

Prime Contractor name: IAN Corporation
 Sub-contractor name:

Signature & Title of preparer

Date

INSTRUCTIONS FOR PREPARING PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION										
All contract Modification Proposals shall be addressed to the Resident Officer in Charge of Construction. Proposal must clearly state the condition and scope of the modification and shall be accompanied by a breakdown of cost, as indicated. Lump sum cost will not be accepted in either the prime or sub-contractor's breakdown of direct cost. The total cost of labor, material, and equipment rental (or ownership) for each item shall be transferred to the corresponding item on the front of this form. At the contractor's option, the overhead rates printed on the front of this form may be used for proposal under \$500,000 in lieu of detailed itemized estimates of overhead cost. The proposal should also include a request for an extension of time, in calendar days, only if overall completion of contract is impacted by the proposed modification. The contractor shall not proceed with any of the work included in the modification prior to receipt of an executed modification of contract (SF30).										
BREAKDOWN OF DIRECT COSTS			Contract No. <u>GWA S18-001-BND</u>				Date: <u>January 25, 2023</u>			
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R O	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		Hrs	Unit Rate	Total
1. Provide, install, and test new (MCC) equipment										
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24						
b. Installation (no additional charge)	0.00	hour								
c. Testing (no additional charge)	0.00	hour								
d. Alum Cable Tray Supply and Install (new scope) Material <i>(SUBMIT QUOTATION)</i>	1.00	lot	\$ 3,500.00	\$ 3,500.00						
Install	48.00	hour			\$ 30.00	\$ 1,440.00				
e. Stainless Steel NEMA 4X Terminal Box <i>(Submit Quotation)</i>	3.00	lot	\$ 2,200.00	\$ 6,600.00						
2. Provide, install, and test two (2) each new hoist										
a. 2T Electrical Hoist with 40ft Chain	1.00	each	\$ 4,399.28	\$ 4,399.28						
i. Supply	0.00	hour								
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
b. 2T Manual Hoist with 30ft Chain	1.00	each	\$ 1,291.94	\$ 1,291.94						
i. Supply	0.00	hour								
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
c. Shipping Costs (Price change fr previous material)	1.00	each	\$ 249.52	\$ 249.52						
3. Provide and install elevated FRP Platform, stairs, railings, and steel ladder										
a. Supply	1.00	each	\$ 27,806.00	\$ 27,806.00						
b. Installation	48.00	hour			\$ 30.00	\$ 1,440.00				
c. Guam PE Fees	2.00	LS			\$ 10,000.00	\$ 20,000.00				
4. Management, Engineering, & Misc. Costs										
a. Project Manager	1.50	week			\$ 2,000.00	\$ 3,000.00				
b. Project Engineer	4.00	week			\$ 1,000.00	\$ 4,000.00				
c. Safety Officer	3.00	week			\$ 1,200.00	\$ 3,600.00				
d. Quality Control	3.00	week			\$ 1,200.00	\$ 3,600.00				
c. Project Coordinator / Administrator	1.00	week			\$ 800.00	\$ 800.00				
DIRECT Prime Contractor's TOTALS					\$ 110,538.98		\$ 37,880.00	R	Total (Rental)	\$ -
							O	Total (Owned)	\$ -	

OK
27,880



IAN CORPORATION
GENERAL CONTRACTOR

PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructiongum.com

January 25, 2023

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

Orig. Submitted
MCC - 165,022.12
FRP Grating - 304,785.22
Hoist 35,433.96

\$ 505,241.3

Re: Change Order Proposal No. 001
Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Good day Mr. Rekdahl:

The following is our proposal for the work described below:

General Scope of Work

- Provide, install, and test new (MCC) equipment
- Provide, install, and test two (2) each new hoist
- Provide and install elevated Platform, stairs, railings, and ladder
- Management, Engineering, & Misc. Costs
- Contractor Mark-ups

TOTAL CHANGES: \$208,419.38

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Respectfully,

Junhyoung Park
Project Manager
IAN Corporation



PROPOSAL/ ESTIMATE FOR CONTRACT MODIFICATION

DATE: January 25, 2023

CONTRACT TITLE: YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION
 CONTRACT NO: GWA S18-001-BND

CONSTRUCTION MANAGER: DUENAS, CAMACHO AND ASSOCIATES

DESCRIPTION:	MCC, Hoist, Platform, Cable Tray	Change Proposal No.	01	Revisions/Comments
		Revision Control No.		
PRIME CONTRACTOR'S WORK				
1. Direct Materials		\$	110,538.98	
2. Sales Tax on Materials	_____ of line 1	0.00%	\$ -	76,086.96
3. Direct Labor		\$	37,880.00	
4. Insurance, Taxes, and Fringe Benefits	23.00% of line 3	23.00%	\$ 8,712.40	26,490.00
5. Rental Equipment		\$	-	6,081.20
6. Sales Tax on Rental Equipment	_____ of line 5	0.00%	\$ -	
7. Equipment Ownership and Operation Expenses		\$	-	
8. SUBTOTAL (add lines 1 - 7)			\$ 157,131.38	108,608.16
9. Field Overhead	0.0% of line 8	0.00%	\$ -	
10. SUBTOTAL (Add Lines 8 - 9)			\$ 157,131.38	108,608.16

Prime Remarks:

Cost itemized in the attached support sheet represents the additional costs from original scope of work to changed scope of work.

SUB-CONTRACTOR'S WORK				
11. Direct Materials		\$	-	
12. Sales Tax on Materials	_____ of line 11	0.00%	\$ -	
13. Direct Labor		\$	-	
14. Insurance, Taxes, and Fringe Benefits	_____ of line 13	0.00%	\$ -	
15. Rental Equipment		\$	-	
16. Sales Tax on Rental Equipment	_____ of line 15	0.00%	\$ -	
17. Equipment Ownership and Operation Expenses		\$	-	
18. SUBTOTAL (add lines 11 - 17)			\$ -	
19. Field Overhead	0.00% of line 18	0.00%	\$ -	
20. SUBTOTAL (add lines 18 - 19)			\$ -	
21. Home Office Overhead	0.00% of line 20	0.00%	\$ -	
22. Profit	0.00% of line 20	0.00%	\$ -	
23. SUBTOTAL (Add Lines 20 - 22)			\$ -	

Sub's Remarks:

SUMMARY				
24. Prime Contractor's Work (from line 10)		\$	157,131.38	108,608.16
25. Sub-contractor's Work (from line 23)		\$	-	
26. SUBTOTAL (add lines 24 - 25)			\$ 157,131.38	108,608.16
27. Prime Overhead on sub-contractor	5.00% of line 25	5.00%	\$ -	
28. Prime's Home Office Overhead	10.00% of line 24	10.00%	\$ 15,713.14	10,860.82
29. Prime's Profit	10.00% of line 26	10.00%	\$ 15,713.14	10,860.82
30. SUBTOTAL (add lines 26 - 29)			\$ 188,557.66	130,329.80
31. Prime Contractor's Ins. & Bond	5.00% of line 30	5.00%	\$ 9,427.88	6,516.49
32. SUBTOTAL (Add Line 30 & 31)			\$ 197,985.54	136,846.29
33. GRT	5.27% of line 32	5.27%	\$ 10,433.84	7,211.80
34. SUBTOTAL (Add Line 32 & 33)			\$ 208,419.38	144,058.09

Estimated time extension and justification

(64,361.29)

Prime Contractor name: IAN Corporation
 Sub-contractor name:

Signature & Title of preparer

Date

INSTRUCTIONS FOR PREPARING PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION										
All contract Modification Proposals shall be addressed to the Resident Officer in Charge of Construction. Proposal must clearly state the condition and scope of the modification and shall be accompanied by a breakdown of cost, as indicated. Lump sum cost will not be accepted in either the prime or sub-contractor's breakdown of direct cost. The total cost of labor, material, and equipment rental (or ownership) for each item shall be transferred to the corresponding item on the front of this form. At the contractor's option, the overhead rates printed on the front of this form may be used for proposal under \$500,000 in lieu of detailed itemized estimates of overhead cost. The proposal should also include a request for an extension of time, in calendar days, only if overall completion of contract is impacted by the proposed modification. The contractor shall not proceed with any of the work included in the modification prior to receipt of an executed modification of contract (SF30).										
BREAKDOWN OF DIRECT COSTS				Contract No. <u>GWA S18-001-BND</u>		Date: <u>January 25, 2023</u>				
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		O	Hrs	Unit Rate
1. Provide, install, and test new (MCC) equipment										
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24						
b. Installation (no additional charge)	0.00	hour								
c. Testing (no additional charge)	0.00	hour								
d. Alum Cable Tray Supply and Install (new scope)	1.00	lot	\$ 3,500.00	\$ 3,500.00						
Material Install	48.00	hour			\$ 30.00	\$ 1,440.00				
e. Stainless Steel NEMA 4X Terminal Box	3.00	lot	\$ 2,200.00	\$ 6,600.00						
2. Provide, install, and test two (2) each new hoist										
a. 2T Electrical Hoist with 40ft Chain	1.00	each	\$ 4,399.28	\$ 4,399.28						
i. Supply	0.00	hour								
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
b. 2T Manual Hoist with 30ft Chain	1.00	each	\$ 1,291.94	\$ 1,291.94						
i. Supply	0.00	hour								
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
c. Shipping Costs (Price change fr previous material)	1.00	each	\$ 249.52	\$ 249.52						
3. Provide and install elevated FRP Platform, stairs, railings, and steel ladder										
a. Supply	1.00	each	\$ 27,806.00	\$ 27,806.00						
b. Installation	48.00	hour			\$ 30.00	\$ 1,440.00				
c. Guam PE Fees	2.00	LS			\$ 10,000.00	\$ 20,000.00				
4. Management, Engineering, & Misc. Costs										
a. Project Manager	1.50	week			\$ 2,000.00	\$ 3,000.00				
b. Project Engineer	4.00	week			\$ 1,000.00	\$ 4,000.00				
c. Safety Officer	3.00	week			\$ 1,200.00	\$ 3,600.00				
d. Quality Control	3.00	week			\$ 1,200.00	\$ 3,600.00				
e. Project Coordinator / Administrator	1.00	week			\$ 800.00	\$ 800.00				
DIRECT Prime Contractor's TOTALS				\$ 110,538.98		\$ 37,880.00				
								R	Total (Rental)	\$ -
								O	Total (Owned)	\$ -

orig \$ 165,022.12
 \$ 35,433.96
 \$ 304,785.22
 \$ 505,241.30

NW
 Submit Quotation
 Submit Quotation

Total \$ 148,418.98

INSTRUCTIONS FOR PREPARING PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION									
All contract Modification Proposals shall be addressed to the Resident Officer in Charge of Construction. Proposal must clearly state the condition and scope of the modification and shall be accompanied by a breakdown of cost, as indicated. Lump sum cost will not be accepted in either the prime or sub-contractor's breakdown of direct cost. The total cost of labor, material, and equipment rental (or ownership) for each item shall be transferred to the corresponding item on the front of this form. At the contractor's option, the overhead rates printed on the front of this form may be used for proposal under \$500,000 in lieu of detailed itemized estimates of overhead cost. The proposal should also include a request for an extension of time, in calendar days, only if overall completion of contract is impacted by the proposed modification. The contractor shall not proceed with any of the work included in the modification prior to receipt of an executed modification of contract (SF30).									
BREAKDOWN OF DIRECT COSTS			Contract No. <u>GWA S18-001-BND</u>				Date: <u>January 25, 2023</u>		
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R	EQUIPMENT	
			Unit Cost	Total Cost	Unit Cost	Total Cost		O	Hrs
1. Provide, install, and test new (MCC) equipment									
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24 58,147.92					
b. Installation (no additional charge)	0.00	hour							
c. Testing (no additional charge)	0.00	hour							
d. Alum Cable Tray Supply and Install (new scope)	1.00	lot	\$ 3,500.00	\$ 3,500.00					
Material install	48.00	hour			\$ 30.00	\$ 1,440.00			
e. Stainless Steel NEMA 4X Terminal Box	3.00	lot	\$ 2,200.00	\$ 6,600.00					
2. Provide, install, and test two (2) each new hoist									
a. 2T Electrical Hoist with 40ft Chain	1.00	each	\$ 4,399.28	\$ 4,399.28 1,865.23					
i. Supply	0.00	hour							
ii. Installation (no additional charge)	0.00	hour							
iii. Testing (no additional charge)	0.00	hour							
b. 2T Manual Hoist with 30ft Chain	1.00	each	\$ 1,291.94	\$ 1,291.94 -3,005.36					
i. Supply	0.00	hour							
ii. Installation (no additional charge)	0.00	hour							
iii. Testing (no additional charge)	0.00	hour							
c. Shipping Costs (Price change fr previous material)	1.00	each	\$ 249.52	\$ 249.52					
3. Provide and install elevated FRP Platform, stairs, railings, and steel ladder									
a. Supply	1.00	each	\$ 27,806.00	\$ 27,806.00 8,729.65					
b. Installation	48.00	hour			\$ 30.00	\$ 1,440.00			
c. Guam PE Fees	2.00	LS			\$ 10,000.00	\$ 20,000.00 10,000			
4. Management, Engineering, & Misc. Costs									
a. Project Manager	1.50	week			\$ 2,000.00	\$ 3,000.00			
b. Project Engineer	4.00	week			\$ 1,000.00	\$ 4,000.00			
c. Safety Officer	3.00	week			\$ 1,200.00	\$ 3,600.00			
d. Quality Control	3.00	week			\$ 1,200.00	\$ 3,600.00			
e. Project Coordinator / Administrator	1.00	week			\$ 800.00	\$ 800.00			
DIRECT Prime Contractor's TOTALS				\$ 110,538.98		\$ 37,880.00			
							R	Total (Rental)	\$ -
							O	Total (Owned)	\$ -
				76,086.96			26,440.00		

**Project: Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
Change Proposal No. 1-Provide new MCC, Hoist, and FRP Platform**

Description	Qty	Unit	New Matl. Unit Cost	Labor Unit Cost	Total New Mtl. Amt	Total Labor	SOV	Material Difference
1. Provide new MCC Equipment								
Alum Cable Tray Supply (new scope) material (Submit Quotation)	1	Ea	\$74,892.24		\$74,892.24		\$16,744.32	\$58,147.92
install	48	Hr		\$30.00	\$3,500.00	\$1,440.00		\$3,500.00
Stainless steel NEMA 4x Terminal Box (Submit Quotation)	3	Ea	\$2,200.00		\$6,600.00			\$6,600.00
2. Provide New Hoist								
a. 2T Electrical Hoist with 40 ft chain	1	Ea	\$10,383.01		\$10,383.01		\$8,517.78	\$1,865.23
b. 2T Manual Hoist with 30 ft chain	1	Ea	\$1,861.94		\$1,861.94		\$4,867.30	-\$3,005.36
c. Shipping cost (price change from previous mtl.)	1	Ea	\$572.73		\$572.73		\$323.21	\$249.52
3. Provide elevated FRP platform, stairs, railings, & steel ladder								
a. Supply	1	LS	\$103,642.00		\$103,642.00		\$94,912.35	\$8,729.65
b. Guam PE fees	1	LS		\$10,000.00	\$10,000.00	\$10,000.00		
4. Management, Engineering, and Misc. Cost								
a. Project Manager	1.5	week		\$2,000.00	\$3,000.00			\$3,000.00
b. project Engineer	4	week		\$1,000.00	\$4,000.00			\$4,000.00
c. Safety Officer	3	week		\$1,200.00	\$3,600.00			\$3,600.00
d. Quality Control	3	week		\$1,200.00	\$3,600.00			\$3,600.00
e. Proj Coordinator/ Admin	1	week		\$800.00	\$800.00			\$800.00
Total Material Difference:								\$76,086.96
Total Labor:								\$26,440.00

INSTRUCTIONS FOR PREPARING PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION										
All contract Modification Proposals shall be addressed to the Resident Officer in Charge of Construction. Proposal must clearly state the condition and scope of the modification and shall be accompanied by a breakdown of cost, as indicated. Lump sum cost will not be accepted in either the prime or sub-contractor's breakdown of direct cost. The total cost of labor, material, and equipment rental (or ownership) for each item shall be transferred to the corresponding item on the front of this form. At the contractor's option, the overhead rates printed on the front of this form may be used for proposal under \$500,000 in lieu of detailed itemized estimates of overhead cost. The proposal should also include a request for an extension of time, in calendar days, only if overall completion of contract is impacted by the proposed modification. The contractor shall not proceed with any of the work included in the modification prior to receipt of an executed modification of contract (SF30).										
BREAKDOWN OF DIRECT COSTS			Contract No. <u>GWA S18-001-BND</u>		Date: <u>January 25, 2023</u>					
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		O	Hrs	Unit Rate
1. Provide, install, and test new (MCC) equipment										
a. Supply (Price change fr previous material)	1.00	each	\$ 66,692.24	\$ 66,692.24						
b. Installation (no additional charge)	0.00	hour								
c. Testing (no additional charge)	0.00	hour								
d. Alum Cable Tray Supply and Install (new scope)	1.00	lot	\$ 3,500.00	\$ 3,500.00						
Material	48.00	hour			\$ 30.00	\$ 1,440.00				
Install										
e. Stainless Steel NEMA 4X Terminal Box	3.00	lot	\$ 2,200.00	\$ 6,600.00						
2. Provide, install, and test two (2) each new hoist										
a. 2T Electrical Hoist with 40ft Chain										
i. Supply	1.00	each	\$ 4,399.28	\$ 4,399.28						
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
b. 2T Manual Hoist with 30ft Chain										
i. Supply	1.00	each	\$ 1,291.94	\$ 1,291.94						
ii. Installation (no additional charge)	0.00	hour								
iii. Testing (no additional charge)	0.00	hour								
c. Shipping Costs (Price change fr previous material)	1.00	each	\$ 249.52	\$ 249.52						
3. Provide and install elevated FRP Platform, stairs, railings, and steel ladder										
a. Supply	1.00	each	\$ 27,806.00	\$ 27,806.00						
b. Installation	48.00	hour			\$ 30.00	\$ 1,440.00				
c. Guam PE Fees	2.00	LS			\$ 10,000.00	\$ 20,000.00				
4. Management, Engineering, & Misc. Costs										
a. Project Manager	1.50	week			\$ 2,000.00	\$ 3,000.00				
b. Project Engineer	4.00	week			\$ 1,000.00	\$ 4,000.00				
c. Safety Officer	3.00	week			\$ 1,200.00	\$ 3,600.00				
d. Quality Control	3.00	week			\$ 1,200.00	\$ 3,600.00				
e. Project Coordinator / Administrator	1.00	week			\$ 800.00	\$ 800.00				
DIRECT Prime Contractor's TOTALS				\$ 110,538.98		\$ 37,880.00		R	Total (Rental)	\$ -
								O	Total (Owned)	\$ -

Submit Quotation



Changed Hoist
Price Quotation

CONFIDENTIAL

09/14/2022

IAN CORPORATION
210 EAST ROUTE 8
BARRIGADA, GU 96913 USA
Email: eascano@ianconstruction.com
ATTN: Emil Ascano

The store serving you is:
Fastenal Company
215 Rojas Street, Unit 125
TAMUNING, GU 96913 USA
Phone: 671-648-1406
Fax: 671-648-1408
Email: GUTAM@stores.fastenal.com

Account #: HRGU0309
Quote #: 95451

PO #:
Job #:

Due Date: 09/30/2022
Expiration Date: 09/30/2022

Part #	Customer Part #	Description	Quantity	Price/EA	Extended Price
		Electric Chain Hoist, 2 Ton, 40' Lift, JLCUTM4008	1	\$9,638.0100	\$9,638.01
		Chain Container for Hoist	1	\$745.0000	\$745.00
		Chain Container for Hoist Comments: JLC927 4			<u>10,383.01</u>
		5"H x 5"W x 10"D CBT 5"H x 5"W x 10"D CBT 2 Ton Plain Push Trolley Comments: CBTP0200	1	\$496.8315	\$496.83
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS	1	\$1,365.1100	\$1,365.11
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS			<u>\$1,861.94</u>
				Subtotal (USD):	\$12,244.95
				Shipping & Handling:	\$572.73
				TOTAL (USD):	\$12,817.68

Thank you!



*Shipping & Handling charges are subject to change.

SCHEDULE OF VALUES

For (Contract):		Project Name: YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION				Application Number		Application Date		012900-01 Revision B	
Application Period:		Contract Information				Estimated Quantity Installed		Value of Work Installed to Date		Total Completed and Stored to Date (D + E)	
Bid Item No.	Item Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)						
E. VENTILATION IMPROVEMENTS											
5.01	Demolition of existing ventilation system	1.00	Lst	\$4,316.45	\$4,316.45			\$0.00	\$0.00	\$0.00	\$4,316.45
5.02	Installation of new ventilation system	1.00	Lst	\$38,848.05	\$38,848.05			\$0.00	\$0.00	\$0.00	\$38,848.05
	Total Ventilation Improvements				\$43,164.50			\$0.00	\$0.00	\$0.00	\$43,164.50
F. ELECTRICAL IMPROVEMENTS											
6.01	Demolition & reworking of existing electrical equipment including accessories	1.00	Lst	\$6,128.32	\$6,128.32			\$0.00	\$0.00	\$0.00	\$6,128.32
6.02	Installation of low voltage electrical power conductor & cables	1.00	Lst	\$7,242.56	\$7,242.56			\$0.00	\$0.00	\$0.00	\$7,242.56
6.03	Installation grounding including bonding	1.00	Lst	\$1,114.24	\$1,114.24			\$0.00	\$0.00	\$0.00	\$1,114.24
6.04	Installation of raceways, boxes including conduits & fittings accessories	1.00	Lst	\$4,456.96	\$4,456.96			\$0.00	\$0.00	\$0.00	\$4,456.96
6.07	Installation of wiring devices including accessories & fittings	1.00	Lst	\$7,242.56	\$7,242.56			\$0.00	\$0.00	\$0.00	\$7,242.56
6.09	Installation of surge protective devices & fittings	1.00	Lst	\$1,671.36	\$1,671.36			\$0.00	\$0.00	\$0.00	\$1,671.36
6.10	Installation of lighting including accessories & fittings	1.00	Lst	\$7,799.68	\$7,799.68			\$0.00	\$0.00	\$0.00	\$7,799.68
	Total Electrical Improvements				\$16,744.32			\$0.00	\$0.00	\$0.00	\$16,744.32
G. INSTRUMENTATION & CONTROL IMPROVEMENTS											
7.01	Instrumentation equipment & devices	1.00	Lst	\$47,212.63	\$47,212.63			\$0.00	\$0.00	\$0.00	\$47,212.63
7.02	Process control hardware & software	1.00	Lst	\$38,293.06	\$38,293.06			\$0.00	\$0.00	\$0.00	\$38,293.06
7.03	Control cabinet set up installation	1.00	Lst	\$29,373.50	\$29,373.50			\$0.00	\$0.00	\$0.00	\$29,373.50
7.04	RTU/SCADA unit package installation	1.00	Lst	\$49,909.00	\$49,909.00			\$0.00	\$0.00	\$0.00	\$49,909.00
7.05	Integration & testing including operator training and documentation	1.00	Lst	\$33,561.18	\$33,561.18			\$0.00	\$0.00	\$0.00	\$33,561.18
7.06	Testing & commissioning including operator training and documentation	1.00	Lst	\$30,445.24	\$30,445.24			\$0.00	\$0.00	\$0.00	\$30,445.24
	Total Instrumentation & Control Improvements				\$228,794.62			\$0.00	\$0.00	\$0.00	\$228,794.62
	GRAND TOTAL				\$288,984.74			\$0.00	\$0.00	\$0.00	\$288,984.74

SCHEDULE OF VALUES

012900.01 Revision B

Application Period:		Contract Information		Application Number		Application Date		Total Completed and Stored to Date (D + E)		% (F / B)		Balance to Finish (B - F)	
Bid Item No.	Item Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)		
A. GENERAL REQUIREMENTS													
1.01	Mobilization	1.00	Lot	\$37,155.39	\$37,155.39		\$0.00	\$0.00	\$0.00	0.00%	\$37,155.39		
1.02	Demobilization & clean up	1.00	Lot	\$18,577.66	\$18,577.66		\$0.00	\$0.00	\$0.00	0.00%	\$18,577.66		
1.03	Temporary facilities	1.00	Lot	\$4,950.25	\$4,950.25		\$0.00	\$0.00	\$0.00	0.00%	\$4,950.25		
1.04	Bonds and insurance	1.00	Lot	\$23,971.51	\$23,971.51		\$0.00	\$0.00	\$0.00	0.00%	\$23,971.51		
1.05	Permits & clearances	1.00	Lot	\$10,415.24	\$10,415.24		\$0.00	\$0.00	\$0.00	0.00%	\$10,415.24		
1.06	Safety Requirements	1.00	Lot	\$7,177.10	\$7,177.10		\$0.00	\$0.00	\$0.00	0.00%	\$7,177.10		
1.07	Project management	1.00	Lot	\$70,000.00	\$70,000.00		\$0.00	\$0.00	\$0.00	0.00%	\$70,000.00		
Total General Requirements					\$179,866.84								
B. ARCHITECTURAL IMPROVEMENTS													
2.01	Demolition of doors including door frame & covers	1.00	Lot	\$24,774.07	\$24,774.07		\$0.00	\$0.00	\$0.00	0.00%	\$24,774.07		
2.02	Concrete repairs	1.00	Lot	\$20,128.93	\$20,128.93		\$0.00	\$0.00	\$0.00	0.00%	\$20,128.93		
2.03	Painting & coating												
a	Exterior	1,925.00	SF	\$4.51	\$8,681.00		\$0.00	\$0.00	\$0.00	0.00%	\$8,681.00		
b	Interior	4,270.00	SF	\$5.17	\$22,086.59		\$0.00	\$0.00	\$0.00	0.00%	\$22,086.59		
2.04	Installation of new louvers & vents												
a	Louver 1 (West) 8'-0" x 4'-4"	1.00	EA	\$5,818.07	\$5,818.07		\$0.00	\$0.00	\$0.00	0.00%	\$5,818.07		
b	Louver 2 (South) 11'-0" x 4'-4"	1.00	EA	\$6,216.54	\$6,216.54		\$0.00	\$0.00	\$0.00	0.00%	\$6,216.54		
c	Louver 3 (East) 8'-0" x 1'-6"	1.00	EA	\$5,300.55	\$5,300.55		\$0.00	\$0.00	\$0.00	0.00%	\$5,300.55		
d	Louver 4 (North) 1'-0" x 1'-0"	1.00	EA	\$650.00	\$650.00		\$0.00	\$0.00	\$0.00	0.00%	\$650.00		
e	Louver 4 (North) 2'-0" x 3'-0"	1.00	EA	\$520.00	\$520.00		\$0.00	\$0.00	\$0.00	0.00%	\$520.00		
f	Louver 4 (North) 1'-4" x 1'-4"	1.00	EA	\$320.00	\$320.00		\$0.00	\$0.00	\$0.00	0.00%	\$320.00		
g	Supply Fan (SF-1) 2000cfm	1.00	EA	\$2,610.00	\$2,610.00		\$0.00	\$0.00	\$0.00	0.00%	\$2,610.00		
h	Supply Fan (SF-2) 1500cfm	1.00	EA	\$1,950.00	\$1,950.00		\$0.00	\$0.00	\$0.00	0.00%	\$1,950.00		
i	Exhaust Fan (EF-1) 1500cfm	1.00	EA	\$2,790.00	\$2,790.00		\$0.00	\$0.00	\$0.00	0.00%	\$2,790.00		
j	Exhaust Fan (EF-2) 1500cfm	1.00	EA	\$1,867.50	\$1,867.50		\$0.00	\$0.00	\$0.00	0.00%	\$1,867.50		
k	Exhaust Fan (EF-3) 1500cfm	1.00	EA	\$445.50	\$445.50		\$0.00	\$0.00	\$0.00	0.00%	\$445.50		
l	Exhaust Register 42x18 2400cfm	1.00	EA	\$142.50	\$142.50		\$0.00	\$0.00	\$0.00	0.00%	\$142.50		
m	Exhaust Register 36x14 1400cfm	1.00	EA	\$102.00	\$102.00		\$0.00	\$0.00	\$0.00	0.00%	\$102.00		
n	Exhaust Register 36x14 1400cfm	1.00	EA	\$99.00	\$99.00		\$0.00	\$0.00	\$0.00	0.00%	\$99.00		
2.05	Installation of new doors & door frames												
a	D101 (2) 2'-0" x 6'-8" Including Frame	1.00	EA	\$10,550.00	\$10,550.00		\$0.00	\$0.00	\$0.00	0.00%	\$10,550.00		
b	D102 2'-0" x 6'-8" Including Frame	1.00	EA	\$7,050.00	\$7,050.00		\$0.00	\$0.00	\$0.00	0.00%	\$7,050.00		
c	D103 2'-4" x 6'-8" Including Frame	1.00	EA	\$5,625.89	\$5,625.89		\$0.00	\$0.00	\$0.00	0.00%	\$5,625.89		
2.06	Installation of removable flood barrier												
a	Flood Barrier With Jamb Guide for D1 5'-4" x 2'-6"	1.00	EA	\$5,550.00	\$5,550.00		\$0.00	\$0.00	\$0.00	0.00%	\$5,550.00		
b	Flood Barrier With Jamb Guide for D2 2'-2" x 2'-6"	1.00	EA	\$5,200.00	\$5,200.00		\$0.00	\$0.00	\$0.00	0.00%	\$5,200.00		
c	Flood Barrier With Jamb Guide for D3 2'-6" x 2'-6"	1.00	EA	\$4,900.00	\$4,900.00		\$0.00	\$0.00	\$0.00	0.00%	\$4,900.00		
2.07	Install signage & mounting brackets for fire extinguisher												
a	No Smoking Sign	2.00	EA	\$850.00	\$1,700.00		\$0.00	\$0.00	\$0.00	0.00%	\$1,700.00		
b	Confined Space Entry Sign	2.00	EA	\$840.00	\$1,680.00		\$0.00	\$0.00	\$0.00	0.00%	\$1,680.00		
c	Fire Extinguisher Sign	6.00	EA	\$870.00	\$5,220.00		\$0.00	\$0.00	\$0.00	0.00%	\$5,220.00		
d	Building Identification	1.00	EA	\$950.00	\$950.00		\$0.00	\$0.00	\$0.00	0.00%	\$950.00		
2.08	Provide fire extinguisher including materials, tools, & equipment	6.00	EA	\$295.00	\$1,770.00		\$0.00	\$0.00	\$0.00	0.00%	\$1,770.00		
Total Architectural Improvements					\$154,837.94								

012900.01 Revision B YIG0 SPS_Schedule of Value.kisx

1 of 3

9/20/2021

SCHEDULE OF VALUES

Application Period:		Contract Information				Application Number		Application Date			
For (Contract):		Project Name: YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION				Application Number		Application Date			
Project Number: S18-01-18ND											
Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D+E)	% (F/B)	Balance to Finish (B-F)
C. STRUCTURAL IMPROVEMENTS											
3.01	Demolition of existing monoper beam & supports	1.00	Lst	\$39,203.80	\$39,203.80		\$0.00		\$0.00	\$0.00	\$39,203.80
3.02	Installation of a new monoper beam	1.00	Lst	\$17,035.55	\$17,035.55		\$0.00		\$0.00	\$0.00	\$17,035.55
3.03	Rebar reinforcement										
a	Rebar reinforcement with motors, gear reducers, controls and supports	1.00	Lst	\$9,517.78	\$9,517.78		\$0.00		\$0.00	\$0.00	\$9,517.78
b	Testing and Commissioning	1.00	Lst	\$6,094.13	\$6,094.13		\$0.00		\$0.00	\$0.00	\$6,094.13
c	Manual hoist	1.00	Lst	\$4,867.50	\$4,867.50		\$0.00		\$0.00	\$0.00	\$4,867.50
3.04	Installation of aluminum platform including ladders	1.00	Lst	\$94,912.56	\$94,912.56		\$0.00		\$0.00	\$0.00	\$94,912.56
3.05	Grating installation	1.00	Lst	\$31,837.45	\$31,837.45		\$0.00		\$0.00	\$0.00	\$31,837.45
3.06	Cover gables installation including monoper steel framing	1.00	Lst	\$19,469.20	\$19,469.20		\$0.00		\$0.00	\$0.00	\$19,469.20
3.07	Archives installation	1.00	Lst	\$7,300.95	\$7,300.95		\$0.00		\$0.00	\$0.00	\$7,300.95
3.08	Masonry work including concrete platform	1.00	Lst	\$24,336.50	\$24,336.50		\$0.00		\$0.00	\$0.00	\$24,336.50
	Total Structural Improvements				\$262,305.00						\$262,305.00
D. PLUMBING IMPROVEMENTS											
4.01	Demolition of existing plumbing system including water services piping & sanitary drains	1.00	Lst	\$6,615.50	\$6,615.50		\$0.00		\$0.00	\$0.00	\$6,615.50
4.02	Installation of new piping system										
a	Copper Pipe ASTM B88 Type K 1 1/4" with fitting & accessories	80.00	Lf	\$34.50	\$2,760.00		\$0.00		\$0.00	\$0.00	\$2,760.00
b	Copper Pipe ASTM B88 Type L 1 1/4" with fitting & accessories	30.00	Lf	\$19.50	\$585.00		\$0.00		\$0.00	\$0.00	\$585.00
c	Copper Pipe ASTM B88 Type L 1" with fitting & accessories	12.00	Lf	\$14.25	\$171.00		\$0.00		\$0.00	\$0.00	\$171.00
d	CPVC Pipe ASTM F441 3/4" with fitting & accessories	210.00	Lf	\$4.50	\$945.00		\$0.00		\$0.00	\$0.00	\$945.00
e	CPVC Pipe ASTM F441 1" with fitting & accessories	6.00	Lf	\$5.25	\$31.50		\$0.00		\$0.00	\$0.00	\$31.50
f	Water Pressure Reducing Valve 1"	1.00	EA	\$295.50	\$295.50		\$0.00		\$0.00	\$0.00	\$295.50
g	Reduced Pressure Backflow Preventer 1"	2.00	EA	\$2,276.50	\$4,553.00		\$0.00		\$0.00	\$0.00	\$4,553.00
h	Ball valve 3/4"	2.00	EA	\$20.00	\$40.00		\$0.00		\$0.00	\$0.00	\$40.00
i	Ball valve 1"	2.00	EA	\$35.00	\$70.00		\$0.00		\$0.00	\$0.00	\$70.00
j	Ball valve 1 1/4"	1.00	EA	\$76.00	\$76.00		\$0.00		\$0.00	\$0.00	\$76.00
k	Water hammer arrester 3/4"	3.00	EA	\$15.00	\$45.00		\$0.00		\$0.00	\$0.00	\$45.00
l	Heads Bib Wooded 2x 3/4"	4.00	EA	\$61.00	\$244.00		\$0.00		\$0.00	\$0.00	\$244.00
m	Pressure gauge ASME B40.1	1.00	EA	\$44.00	\$44.00		\$0.00		\$0.00	\$0.00	\$44.00
n	PVC Pipe 3" with fitting & accessories	135.00	Lf	\$36.00	\$4,860.00		\$0.00		\$0.00	\$0.00	\$4,860.00
o	PVC Pipe 3" with fitting & accessories	65.00	Lf	\$21.00	\$1,365.00		\$0.00		\$0.00	\$0.00	\$1,365.00
p	Floor drain 3" outlet pipe	1.00	EA	\$70.00	\$70.00		\$0.00		\$0.00	\$0.00	\$70.00
q	Floor drain 3" outlet pipe	1.00	EA	\$32.00	\$32.00		\$0.00		\$0.00	\$0.00	\$32.00
r	Lead roof pipe flashing 3"	1.00	EA	\$30.00	\$30.00		\$0.00		\$0.00	\$0.00	\$30.00
s	Water closet floor mount, flush tank type, 3" soil pipe ASME A112.19.2 American Standard 2462.016 with fitting & accessories	1.00	EA	\$535.50	\$535.50		\$0.00		\$0.00	\$0.00	\$535.50
t	Service Sink ASME A112.19 American Standard 7695.02B with fitting & accessories	1.00	EA	\$855.00	\$855.00		\$0.00		\$0.00	\$0.00	\$855.00
u	Service Floor ASME 112.18.1 with fitting & accessories	1.00	EA	\$910.00	\$910.00		\$0.00		\$0.00	\$0.00	\$910.00
4.03	Installation of new eye wash with fitting & accessories	1.00	Lst	\$1,425.00	\$1,425.00		\$0.00		\$0.00	\$0.00	\$1,425.00
	Total Plumbing Improvements				\$26,462.00						\$26,462.00

Changed MCC

Page: 1 of 1

DATELINEEXPORTS

ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070
 Ph : 503-826-5710 Fax : 971-224-4604
 Email: DBOLKAN@DATELINEEXPORTS.COM
 SalesPerson: DUSTIN BOLKAN

DATE	O.A.NO
07/08/2022	00020089

BILL TO: IAN CORPORATION PO BOX 26764 GMF BARRIGADA, GU 96921 Ph: 671-734-3939	SHIP TO: IAN CORPORATION 1129 RT. 15 BARRIGADA, GU 96913 Ph: 671-734-3939 ATTN:RECEIVING/WAREHOUSE
--	---

CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS
YIGO SEWER PUMP STATION MCC	7630	NET 30 DAYS ADI

SHIPPED VIA	CARRIER	ETA
OCEAN FREIGHT		

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
1	1		EA	MODEL 6 LVMCC INDUSTRIAL PACKA GE	71,246.640	\$71,246.64
				SUBTOTAL:		\$71,246.64
				OCEAN FREIGHT		\$3,125.00
				INSURANCE		\$520.60
				<i>SOY = Bid item # 6.10 Installation of MCC including accessories</i>	<i>\$16,744.32</i>	
TOTAL CIF GUAM PORT:						\$74,892.24

TOTAL CIF GUAM PORT:						\$74,892.24
-----------------------------	--	--	--	--	--	--------------------

THANK YOU, DUSTIN BOLKAN

YOU HAVE ENTERED INTO A CONTRACT TO PURCHASE MATERIALS AS DETAILED HEREIN. NOTIFY US WITHIN 24 HOURS IF THERE ARE ANY CHANGES. CANCELLATION OF THIS ORDER WILL RESULT IN RESTOCKING AND CANCELLATION FEES. PAYMENTS MADE VIA CREDIT CARD WILL INCUR A 3.29% PROCESSING FEE.

Original Hoist



CONFIDENTIAL

03/3/2022

IAN CORPORATION
 210 EAST ROUTE 8
 BARRIGADA, GU 96913 USA
 ATTN: Bert .

The store serving you is:
 Fastenal Company
 215 Rojas Street, Unit 125
 TAMUNING, GU 96913 USA
 Phone: 671-648-1406
 Fax: 671-648-1408
 Email: GUTAM@stores.fastenal.com

Account #: HRGU0309
 Quote #: 92565

PO #:
 Job #:

Due Date:
 Expiration Date: 04/3/2022

<u>Part #</u>	<u>Customer Part #</u>	<u>Description</u>	<u>Quantity</u>	<u>Price/EA</u>	<u>Extended Price</u>
HTP0100A		HTP0100A	1	\$215.0000	\$215.00
0501098		5626A HandChainHoist	1	\$355.0000	\$355.00
		2000lb Capacity 10' lift CM[REG] Hurricane 360[DEG] Rotation Hand Chain Hoist			
		JLCUTM2016-3-10	1	\$5,983.7300	\$5,983.73
JLCUTM2016-3-10					
				Subtotal (USD):	\$6,553.73
				Shipping & Handling:	\$323.21
				TOTAL (USD):	\$6,876.94

Thank you!



*Shipping & Handling charges are subject to change.

Changed Platform

견 적 서

Project명 : GAUM- FRP Grating 제작

업 체 명 : Ian Construction co,ltd
 주 소 : 210E Rout 8 Brrigada GU 96931
 담 당 : 박 준형이사
 연 락 처 : 671-743-3939
 E-MAIL : ian@ianconstruction.com
 견 적 금 액 : \$65,724.00 (VAT 별도)
 납 품 장 소 : maker yard
 납 기 : 60일

등 록 번 호 : 206-81-8539
 공 급 기 (주) 정동디씨
 주 소 : 경주시 불국장터길 31, 101-10
 대 표 : 정 장 훈
 연 락 처 : 010 - 3885 - 7432
 전 화 번 호 : 054 - 741 - 2162
 팩 스 번 호 : 054 - 742 - 2163
 e - mail : jungdong2162@daum.net
 홈 페 이 지 : WWW. 정동디씨. Com



아래와 같이 견적합니다.

일 자 : 2022. 10. 26

품 목	규 격	수 량 (ea)	단가(kg/\$)	금 액(\$)
1. FRP-Grating -----				
spec:7t x 40hx40sx40p	914 X1320	2	\$ 2,304.00	\$ 4,608.00
	1400 X 2888	1	\$ 7,692.00	\$ 7,692.00
	914 X 2300	1	\$ 4,032.00	\$ 4,032.00
	914 X 3200	2	\$ 5,616.00	\$ 11,232.00
	914 X 914	2	\$ 1,632.00	\$ 3,264.00
	1570 X 3750	1	\$ 11,136.00	\$ 11,136.00
2. FRP-Stair -----				\$ -
spec : 7t x 40hx40sx40p	210 x 850	12	\$ 1,980.00	\$ 23,760.00
합 계				\$ 65,724.00
특 기 사항	1 . Material : FRP 2 . 상면 Non Slip 가공 3 . 표면처리없음 4 . 선입금 조건 5 . 포장 제외			+ 37,918.00 \$ 103,642.00

JDQP - 702 - 03

(주) 正東 D & C

A4 (210 X 297)

Original MCC

見 積 書

NO:
 MESSRS : 이안코퍼레이션 貴中
 工 事 名 : PROPOSED WORKFORCE HOUSING FACILITIES
 納 品 場 所 :

 (주) 대영이엔지
 본사 : 경기도 광주시 국사봉로 133번길 33-30
 TEL : (031) 764 - 5775(代)
 (031) 764 - 9339,9340
 FAX : (031) 764 - 9346

DATE : 2022年 11月 15日
 아래와 같이 견적합니다.

◆ 生 産 品 目 ◆
 手,配 電 般,分 電 般,自 動 整 流 器
 큐비클, MCC, CONTROL PANEL

#N/A

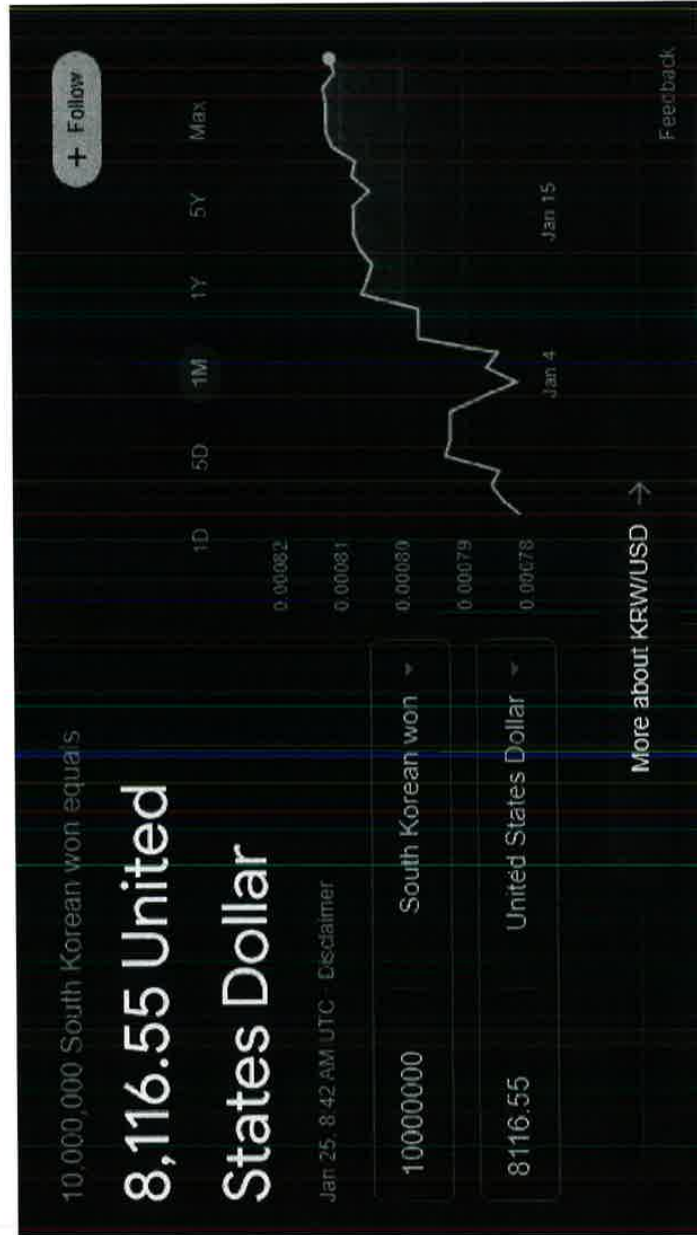
品 名	規 格	單 位	數 量	單 價	金 額
1. DPA,DPB TYPE	PANEL	SET	2	1,534,490	3,068,980
2. MDP PNL	PANEL	SET	1	6,431,020	6,431,020
3. 운반비	상차도	LOT	1	500,000	500,000
합 계					10,000,000

IAN: Korean Won

***** 견적 특기사항 *****

- 1) 제작은 승인도서 기준입니다
- 2) 일반 랩포장 기준이며 지정장소 상차도 기준입니다
- 3) 결제조건 : 계약금 50%
 제작완료후 납품전 50%
 입금완료후 지정장소 상차도
- 4) 미국기준 IEEE는 내용을 알수없어 국내 일반기준을 적용하였습니다

(주) 대 영 이 엔 지





PO Box 26764
 Barrigada GU 96921
 Phone: (671) 734-3939
 Fax: (671) 734-7762
 E-Mail: bids@ianconstruction.com
 www.ianconstructionguam.com

October 17, 2022

Kenneth M. Rekdahl, PE
 Resident Project Representative
 Duenas, Camacho & Associates
 238 E. Marine Corps Drive
 Suite 201 Diamond Plaza
 Hagatna, Guam 96910

Re: Change Order No. 3
 Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
 GWA Project No. S18-001-BND

Good day, Mr. Rekdahl:

The following is our proposal for the work described below:

General Scope of Work

- a. Provide and install elevated FRP platform, stairs, railings, and steel ladder.

Scope of Works:

Purchase of FRP Grating, FRP Stairs, FRP Railings	\$99,197.22	65,724.00
Install elevated platform, stairs, railings, and steel ladder.	157,670.00	
Other costs (related to original plans):		
Prof fees paid to Guam P.E. for structural load calculations	10,000.00	(OK)
Cost of unused aluminum materials (less scraps)	37,918.00	justify
Total	\$304,785.22	

Note: This Scope of Work is to interchange with the "Platform and Grating" with item number C-3.04 having a total amount of \$94,912.35 in the SOV.

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Senseramente,

Eric M. Palacios
 Compliance Director



견 적 서

Project명 : GAUM- FRP Grating 제작

업 체 명 : Ian Construction co,ltd
주 소 : 210E Rout 8 Brrigada GU 96931
담 당 : 박 준형이사
연 락 처 : 671-743-3939
E-MAIL : ian@ianconstruction.com
견 적 금 액 : \$65,724.00 (VAT 별도)
납 품 장 소 : maker yard
납 기 : 60일

등 록 번 호 : 206-81-85396
공 급 : (주) 정동디씨
주 소 : 경주시 불국장터길 31, 101-10
대 표 : 정 장 훈
연 락 처 : 010 - 3885 - 7432
전 화 번 호 : 054 - 741 - 2162
팩 스 번 호 : 054 - 742 - 2163
e - mail : jungdong2162@daum.net
홈 페이지 : www.정동디씨.Com

아래와 같이 견적합니다.

일 자 : 2022. 10. 26

품 목	규 격	수 량 (ea)	단가(kg/\$)	금 액(\$)
1. FRP-Grating -----				
spec:7t x 40hx40sx40p	914 X1320	2	\$ 2,304.00	\$ 4,608.00
	1400 X 2888	1	\$ 7,692.00	\$ 7,692.00
	914 X 2300	1	\$ 4,032.00	\$ 4,032.00
	914 X 3200	2	\$ 5,616.00	\$ 11,232.00
	914 X 914	2	\$ 1,632.00	\$ 3,264.00
	1570 X 3750	1	\$ 11,136.00	\$ 11,136.00
2. FRP-Stair -----				\$ -
spec : 7t x 40hx40sx40p	210 x 850	12	\$ 1,980.00	\$ 23,760.00
합 계				\$ 65,724.00
특	1 . Material : FRP			
기	2 . 상면 Non Slip 가공			
사	3 . 표면처리없음			
항	4 . 선입금 조건			
	5 . 포장 제외			

JDQP - 702 - 03

(주) 正東 D & C

A4 (210 X 297)



PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructionguam.com

September 26, 2022

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

Re: Change Order No. 1
Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Good day, Mr. Rekdahl:

The following is our proposal for the work described below:

General Scope of Work

- a. Provide, Install, and Test new Motor Control Center (MCC) equipment with each vertical section shall have a custom height of 66 inches high.

Scope of Works:

Purchase of New 66" high MCC and accessories	\$123,766.59	74,892.24 justify justify
Covid-19 Economic Price Impact	16,502.21	
Overhead Costs prior to Change Order (e.g. Submittal preparation, etc.)	24,753.32	
Total	\$165,022.12	

Note: This Scope of Work is to interchange with the "Installation of MCC including accessories" with item number F-6.10 having a total amount of \$16,744.32 in the SOV.

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Senseramente,

Eric M. Palacios
Compliance Director



DATELINE EXPORTS

ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070
 Ph : 503-826-5710 Fax : 971-224-4604
 Email: DBOLKAN@DATELINEEXPORTS.COM
 SalesPerson: DUSTIN BOLKAN

DATE	O.A.NO
07/08/2022	00020089

BILL TO: IAN CORPORATION PO BOX 26764 GMF BARRIGADA, GU 96921 Ph: 671-734-3939	SHIP TO: IAN CORPORATION 1129 RT. 15 BARRIGADA, GU 96913 Ph: 671-734-3939 ATTN:RECEIVING/WAREHOUSE
--	---

CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS
YIGO SEWER PUMP STATION MCC	7630	NET 30 DAYS ADI

SHIPPED VIA	CARRIER	ETA
OCEAN FREIGHT		

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
1	1		EA	MODEL 6 LVMCC INDUSTRIAL PACKA GE	71,246.640	\$71,246.64 ✓
				SUBTOTAL:		\$71,246.64 ✓
				OCEAN FREIGHT		\$3,125.00 ✓
				INSURANCE		\$520.60 ✓

TOTAL CIF GUAM PORT:						\$74,892.24
-----------------------------	--	--	--	--	--	--------------------

THANK YOU, DUSTIN BOLKAN

YOU HAVE ENTERED INTO A CONTRACT TO PURCHASE MATERIALS AS DETAILED HEREIN. NOTIFY US WITHIN 24 HOURS IF THERE ARE ANY CHANGES. CANCELLATION OF THIS ORDER WILL RESULT IN RESTOCKING AND CANCELLATION FEES. PAYMENTS MADE VIA CREDIT CARD WILL INCUR A 3.29% PROCESSING FEE.



PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructionguam.com

October 17, 2022

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

Re: Change Order No. 2
Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Good day, Mr. Rekdahl:

The following is our proposal for the work described below:

General Scope of Work

- a. Provide and Test **2 ton with 40ft chain** electrical hoisting equipment, **2 ton with 30ft chain** manual hoisting equipment, motors, gear reducers, controls and appurtenances.

Scope of Works:

Purchase of 2ton with 40ft chain electrical hoisting equipment	\$16,628.45	10,303.01
Purchase of 2ton with 30ft chain manual hoisting equipment	9,070.91	1,861.94
Testing and Commissioning	9,734.60	
Total	\$35,433.96	

Note: This Scope of Work is to interchange with the "Hoisting Equipment" with item number C-3.03a, C-3.03b, C-3.03c having a total amount of \$19,469.20 in the SOV.

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Senseramente,

Eric M. Palacios
Compliance Director





Price Quotation
CONFIDENTIAL

09/14/2022

IAN CORPORATION
210 EAST ROUTE 8
BARRIGADA, GU 96913 USA
Email: eascano@ianconstruction.com
ATTN: Emil Ascano

The store serving you is:
Fastenal Company
215 Rojas Street, Unit 125
TAMUNING, GU 96913 USA
Phone: 671-648-1406
Fax: 671-648-1408
Email: GUTAM@stores.fastenal.com

Account #: HRGU0309
Quote #: 95451

PO #:
Job #:

Due Date: 09/30/2022
Expiration Date: 09/30/2022

Part #	Customer Part #	Description	Quantity	Price/EA	Extended Price
		Electric Chain Hoist, 2 Ton, 40' Lift, JLCUTM4008	1	\$9,638.0100	\$9,638.01 ✓
		Electric Chain Hoist, 2 Ton, 40' Lift, JLCUTM4008			
		Chain Container for Hoist	1	\$745.0000	\$745.00 ✓
		Chain Container for Hoist Comments: JLC927 4			\$745.00 \$10,383.01
		5"H x 5"W x 10"D CBT 5"H x 5"W x 10"D CBT 2 Ton Plain Push Trolley Comments: CBTP0200	1	\$496.8315	\$496.83
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS	1	\$1,365.1100	\$1,365.11
		Hurricane 360 2 Ton Hoist. 30' Lift, 28' Chain Drop. MFG Part # 5634AS			\$1,365.11 \$1,061.94
				Subtotal (USD):	\$12,244.95
				Shipping & Handling:	\$572.73
				TOTAL (USD):	\$12,817.68

Thank you!



*Shipping & Handling charges are subject to change.



Website: www.dcaguam.com
Email: dca@dcaguam.com

April 7, 2023

Ian J. Chong

President

IAN Corporation

PO Box 26764

Barrigada, Guam, USA, 96921

Attn: Junhyoung Park, Project Manager

Via: Email: junpark@ianconstruction.com

Ref: Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project Number: S18-001-BND

Subject: Project Schedule

Mr. Park,

Duenas, Camacho and Associates, Inc. (DCA) has reviewed Ian Construction's March 3, 2023 extension of time request letter for the referenced project. DCA has met with Ian Construction personnel on March 24 and March 29, 2023 to discuss the specifics of the project schedule. A copy of Ian Construction's updated project schedule provided on April 7, 2023 was also reviewed. After a complete review of these documents and meeting, DCA recommends accepting the substantial project completion date of August 19, 2023 subject to the following conditions:

1. Ian Construction acknowledges and accepts an impact associated with administrative and submittal delays related to the platform and motor control center. This delay resulted in additional administration cost to the government by extending the project construction management services. This special damage is for the construction managers efforts and amounts to 110 calendar days (equivalent to 8 weeks). The estimated weekly cost for project management by the project construction manager is \$1045/week. This equals \$8,360 of special damages that Ian Construction is responsible for.
2. Any construction delay to the proposed August 19, 2023 date will result in further consideration of liquidated damages and/or special damages to the contractor.
3. Final approval of this agreement resides with GWA and this letter will only serve as the construction managers recommendation.

Please provide your reply to these conditions by or before April 14, 2023.

Thank you,

Kenneth M. Rekdahl, PE

Dueñas, Camacho and Associates, Inc.

Resident Project Representative

Cc: George Watson, GWA; Editha Thompson, DCA



PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructionguam.com

April 12, 2023

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

Re: Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Subject: Project Schedule

Good day Mr. Rekdahl,

Ian Corporation (IAN) has received your letter of recommendation dated April 7, 2023 and IAN agrees to all the conditions you have mentioned in the letter.

We appreciate Team DCA's partnership and professionalism throughout this important project. Kindly let me know if you need any other information. Thank you.

Respectfully,

A handwritten signature in black ink, appearing to read 'Junhyoung Park'.

Junhyoung Park
Project Manager
IAN Corporation



#	Activity ID	Activity Name	OD	RD	Calendar	Activity Status	Start	Finish	TF	Critical	2023												
											Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
1	YIGO Sewer Pump Station Flood Mitigation and Facility		252	147			08-Jul-22 A	25-Aug-23	-454														
2	PROJECT MILESTONE		147	147			01-Apr-23	25-Aug-23	-454														
3	MMS1020	Final Payment Date [FPD]	0	0	7D	Not Starte		01-Apr-23*	-307														
4	MMS1050	Project Completion Date [PCD]	0	0	7D	Not Starte		25-Aug-23	-454														
5	ADMINISTRATIVE WORK		0	0					0														
6	MATERIAL SUBMITTAL AND APPROVAL		0	0					0														
7	MATERIAL PROCUREMENT AND DELIVERY		0	0					0														
8	CONSTRUCTION		252	144			08-Jul-22 A	24-Aug-23	-454														
9	Remaining Works		180	100	5D+FH		08-Jul-22 A	18-Aug-23	-325														
10	Original SOW		100	100	5D+FH		27-Feb-23	18-Aug-23	-325														
11	Remaining Procurement		60	43	5D+FH		27-Feb-23	01-Jun-23	-269														
12	PRO.1000	Exterior Railings (Fabrication)	40	0	5D+FH	Completed	27-Feb-23	10-Mar-23 A															
13	PRO.1020	C9 x 13.5 Steel Channel Jamb (Fabrication)	5	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-288														
14	PRO.1030	Signages - Submittal / Approval	15	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-269														
15	PRO.1040	Monorail and support system	5	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-321														
16	PRO.1050	Switches, Receptacles, Lights, other electrical	60	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-286														
17	PRO.1060	Disconnect Switches	60	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-285														
18	PRO.1070	Registers and Grilles	60	43	5D+FH	In Progre:	01-Mar-23	31-May-23	-291														
19	PRO.1035	Signages - Fab / Deliver	30	0	5D+FH	In Progre:	01-Mar-23	01-Jun-23	-269														
20	Construction		100	57	5D+FH		27-Feb-23	18-Aug-23	-325														
21	CONS.1010	Install wall mounted handrail	1	0	5D+FH	Completed	27-Feb-23	10-Mar-23 A															
22	CONS.1100	Install HVAC and Ducting	5	5	5D+FH	In Progre:	27-Feb-23	07-Jun-23	-291														
23	CONS.1020	Install Switch and Wall Plates	1	1	5D+FH	Not Starte	01-Jun-23	01-Jun-23	-286														
24	CONS.1030	Install Ground Rod	1	1	5D+FH	Not Starte	01-Jun-23	01-Jun-23	-286														
25	CONS.1040	Install Mercury Free Float Switch on Diesel Tank	1	1	5D+FH	Not Starte	01-Jun-23	01-Jun-23	-286														
26	CONS.1050	Install air flow switches	1	1	5D+FH	Not Starte	01-Jun-23	01-Jun-23	-286														
27	CONS.1070	Signages (Fire Extinguisher, Confined Space Entry)	1	1	5D+FH	Not Starte	01-Jun-23	01-Jun-23	-269														
28	CONS.1090	Monorail and support system	2	2	5D+FH	Not Starte	01-Jun-23	02-Jun-23	-321														
29	CONS.1080	13-Jaw NEMA 4X Power Meter	1	1	5D+FH	Not Starte	02-Jun-23	02-Jun-23	-286														
30	CONS.1000	Doors and Door Jamb	2	2	5D+FH	Not Starte	05-Jun-23	06-Jun-23	-290														
31	CONS.1105	Test and Commission HVAC	2	2	5D+FH	Not Starte	08-Jun-23	09-Jun-23	-291														
32	CONS.1060	Apply new paint on Floor	5	5	5D+FH	Not Starte	14-Aug-23	18-Aug-23	-341														
33	Added / Changed SOW		180	95	5D+FH		08-Jul-22 A	11-Aug-23	-341														
34	New Procurement		180	65	5D+FH		08-Jul-22 A	30-Jun-23	-321														
35	PRO.2010	MCC	168	0	5D+FH	Completed	08-Jul-22 A	03-Apr-23 A															
36	PRO.2020	Hoist	180	65	5D+FH	In Progre:	27-Sep-22	30-Jun-23	-341														
37	PRO.2000	Aluminum / FRP Platform	65	65	5D+FH	In Progre:	01-Jan-23	30-Jun-23	-331														
38	Construction		30	30	5D+FH		03-Jul-23	11-Aug-23	-341														
39	CONS.2030	Install Hoist	10	10	5D+FH	Not Starte	03-Jul-23	14-Jul-23	-341														
40	CONS.2010	FRP Platform	10	10	5D+FH	Not Starte	17-Jul-23	28-Jul-23	-341														
41	CONS.2020	Install MCC	5	5	5D+FH	Not Starte	31-Jul-23	04-Aug-23	-341														







IAN CORPORATION
 GENERAL CONTRACTOR
 1129 ROUTE 15, BARRIGADA, GU, 96913
 PO BOX 26764, BARRIGADA, GU, 96921
 T. 1 (671) 734-3939 F. 1 (671) 734-7762
 bids@ianconstruction.com

**YIGO Sewer Pump Station Flood Mitigation and Facility
 Rehabilitation_230202**

CONSTRUCTION SCHEDULE | IAN CORP.
 PAGE 1 OF 2 | Project Start 26-Apr-21 | Project Finish 25-Aug-23



Date	Revision	Checked	Approved

#	Activity ID	Activity Name	OD	RD	Calendar	Activity Status	Start	Finish	TF	Critical	2023											
											Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
42	CONS.2000	Install Alum Cable Tray below Platform	5	5	5D+FH	Not Starte	07-Aug-23	11-Aug-23	-341	<input checked="" type="checkbox"/>								 Install Alum Cable Tray below Platform				
43		MOBILIZATION AND PREPARATION	0	0					0													
44		CIVIL Exterior Works	0	0					0													
45		Metal Works	0	0					0													
46		ELECTRICAL Interior Works	0	0					0													
47		ELECTRICAL Subcontractor Works	0	0					0													
48		ELECTRICAL Exterior Works	0	0					0													
49		HVAC	0	0					0													
50		PLUMBING	0	0					0													
51		CIVIL Interior Works	0	0					0													
52		DEMOBILIZATION	5	5			20-Aug-23	24-Aug-23	-454								 24-Aug-23, DEMOBILIZATION					
53	DEM1000	Demobilization	5	5	7D	Not Starte	20-Aug-23	24-Aug-23	-454	<input checked="" type="checkbox"/>							 Demobilization					
54		PROJECT CLOSE-OUT	6	6			19-Aug-23	24-Aug-23	-454								 24-Aug-23, PROJECT CLOSE-OUT					
55	PCO1000	Substantial Completion and Generate Punch-List	1	1	7D	Not Starte	19-Aug-23	19-Aug-23	-477	<input checked="" type="checkbox"/>							 Substantial Completion and Generate Pu					
56	PCO1010	Punch-List Clearing	5	5	7D	Not Starte	20-Aug-23	24-Aug-23	-454	<input checked="" type="checkbox"/>							 Punch-List Clearing					

IAN CORPORATION

GENERAL CONTRACTOR
 1129 ROUTE 15, BARRIGADA, GU, 96913
 PO BOX 26764, BARRIGADA, GU, 96921
 T. 1 (671) 734-3939 F. 1 (671) 734-7762
 bids@ianconstruction.com

**YIGO Sewer Pump Station Flood Mitigation and Facility
 Rehabilitation_230202**

CONSTRUCTION SCHEDULE | IAN CORP.
 PAGE 2 OF 2 | Project Start 26-Apr-21 | Project Finish 25-Aug-23

-  Remaining Level of Effort
-  Actual Level of Effort
-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Primary Baseline
-  Milestone

PROPOSED CONSTRUCTION SCHEDULE

Date	Revision	Checked	Approved

EXHIBIT D


GUAM WATERWORKS AUTHORITY
 Gloria B. Nelson Public Service Building
 688 Route 15, Mangilao, Guam 96913

CHANGE ORDER NO. 3

Project Title:	Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation		
Project No.:	S18-001- BND	IFB No.	IFB-01-ENG-2021
Contractor:	IAN Corporation		NTP Date: May 3, 2021

TO: IAN Corporation

You are directed to make changes noted below in the subject contract. The changes are accepted by:

<p><u>Ian Chong</u> Contractor Representative (PRINT)</p> <p> Contractor Representative (SIGNATURE)</p> <p><u>8-25-23</u> Date</p> <p><u>8/28/23</u> Date</p> <p>Kenneth M. Rekdahl, P.E. Duenas, Camacho & Associates, Inc. - CM</p>	<p>PREPARED BY :</p> <p>REVIEWED BY :</p> <p>RECOMMEND APPROVAL :</p>	<p><u>George Watson</u> <u>8/28/2023</u> George Watson Date Project Manager, GWA</p> <p><u>MMcDonald</u> <u>8/28/2023</u> Mauryn McDonald, P.E. Date Senior Engineer Supervisor, GWA</p> <p><u>J. Owens</u> <u>8/28/2023</u> Jeanet Babauta Owens, P.E. Date Assistant General Manager - Engineering, GWA</p>
--	---	---

NATURE OF CHANGES:

- Contract time extension**
- **Additional 30 Calendar Days (Exhibit A).** Due to delays from the impacts of Super Typhoon Mawar, to include flooding at the site, storm clean up, power restoration, and scheduling delays from Guam Power Authority (GPA) for services due to storm recovery efforts.
- Super Typhoon Mawar recovery and clean up**
- **\$11,050.00 (Exhibit B).** Costs include repairs to chain link fencing, barbed wire, as well as dismantling, cleaning and reinstalling of ventilation ducting, and cleaning of all walls, louvers, screens, panels, horizontal surfaces, and floors from flooding and sanitary sewer overflows caused by Super Typhoon Mawar.
- Generator rental**
- **\$3,703.48 (Exhibit C).** Costs for rental of 60kw generator, to include rental costs for 1 week, transport fee, on-site tech start up cost, and Contractor overhead and profit. Due to the loss of the on-site generator from damage sustained during Super Typhoon Mawar, this is required for on-site electrical work, and the relocation of power cables and GPA meter.

THE CHANGES RESULT IN THE FOLLOWING ADJUSTMENT OF CONTRACT PRICE:		
Contract price prior to this Change Order	\$	1,113,376.02
Net INCREASE from this Change Order	\$	14,753.48
Revised contract price after this Change Order	\$	1,128,129.50

THE CHANGES RESULT IN THE FOLLOWING ADJUSTMENT OF CONTRACT TIME:		
Contract time prior to this Change Order, with breakdown given below.	839	Calendar Days
Net INCREASE from this Change Order with breakdown given below (subject to approved terms and conditions)*	30	Calendar Days
Revised contract time after this Change Order	869	Calendar Days
Revised Contract Expiration Date after this Change Order (Substantial Completion Date)	Monday, September 18, 2023	

CERTIFIED FUNDS AVAILABLE:

Vendor No.: 34288	
Contract No.: 3024 OS	
Funding Source: BND 2020 MP-WWW-Pump-01	
G.L. NO.: S281.2997.400000	Taling M. Taitano, CPA, CGFM Date
Amount: \$ 14,753.48	Chief Financial Officer


<p>APPROVED AS TO FORM:</p> <p> Date <u>9/7/2023</u></p> <p>Theresa G. Rojas Legal Counsel, GWA</p>	<p>APPROVED:</p> <p>_____ Date</p> <p>Miguel C. Bordallo, P.E. General Manager, GWA</p>
---	--

EXHIBIT A



PO Box 26764
Barrigada GU 96921
Phone: (671) 734-3939
Fax: (671) 734-7762
E-Mail: bids@ianconstruction.com
www.ianconstructionguam.com

August 10, 2023

Kenneth M. Rekdahl, PE
Resident Project Representative
Duenas, Camacho & Associates
238 E. Marine Corps Drive
Suite 201 Diamond Plaza
Hagatna, Guam 96910

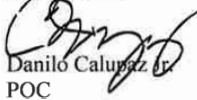
Re: Typhoon Mawar, Request for Extension of Time
Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation
GWA Project No. S18-001-BND

Dear Mr. Rekdahl,

IAN Corporation (IAN) transmits this letter as its formal request for a time extension due to the recent events caused by Typhoon Mawar in the island. As you may be aware, the typhoon caused severe weather and power outages throughout the island. One week after the typhoon, most parts of Guam were still without basic services such as power, water, and internet. The Guam Power Authority (GPA) has been working to restore power to customers and only as of August 7, 2023 were the GPA has completed its restoration work.

The outages have greatly impacted our ability to continue working on the project. We did our best to work around these challenges, but we are requesting a time extension of one month to account for the delays caused by the typhoon.

Respectfully,


Danilo Calupuz Jr.
POC

for Record 30 day
Extension due to
Typhoon



STATEMENT OF NO WORK PERFORMED

Company Name and Address:

IAN CORPORATION dba IAN CONSTRUCTION

PO Box 26764

BARRIGADA, GU 96921-6764

Payroll Week No. 89 to 94

I hereby certify that no employee worked on the construction site of the S18-001-BND Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation during the period commencing on the 7th day of MAY 2023, and ending on the 17th day of JUNE 2023.

Jihyung P. Chong

Signature of Authorized Person



August 3, 2023

Date

Chief Executive Officer

Title

Certified Payroll Report

Contractor				Project				Project/Contract #																
IAN CORPORATION PO BOX 26764 BARRIGADA, GU 96921-6764				GWA:S18-001-BND_Yigo Via: Duenas, Camacho & Assoc., Inc. S18-001-BND				95 Payroll Number For Week Ending 6/24/2023																
Employee Name	ID	Work Classification	Pay Type	Hours Worked by Day							Timesheet Hours	Paid Hours	Pay Rate	Job Gross Pay	Fringe Rate	Check Number	Total Gross Pay	Social Security	Medi-care	Federal Tax	State Tax	Other	Total Deduct	Net Pay
				Sun 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24														
Arnel M Fabros	5072	H2=Hourly Rate Carpenter	RT					7.00		7.00	7.00	15.58	109.06	0.00	39910	498.56	0.00	0.00	24.00	0.00	75.00	99.00	399.56	
Marcelo C Torres	5832	H2=Hourly Rate Carpenter	RT					7.00		7.00	7.00	15.58	109.06	0.00	39929	498.56	0.00	0.00	24.00	0.00	75.00	99.00	399.56	
Marvin B Nogot	3323	H2=Hourly Rate Mason	RT					7.00		7.00	7.00	15.66	109.62	0.00	39931	501.12	0.00	0.00	24.00	0.00	75.00	99.00	402.12	
Philip Sebastian	4144	H2=Hourly Rate Carpenter	RT				8.00	8.00		16.00	16.00	15.58	249.28	0.00	39933	623.20	0.00	0.00	39.00	0.00	75.00	114.00	509.20	

SCOPE OF WORK:

Removal of silt and debris from the vents will be needed. This will require dismantling of the system and a clean water flush and dry of the vents. Removed/cleaned vents will need to be reinstalled

Remove silt/mud on the floor and walls of Dry Well and Wet Well areas from 1st level up to the 3rd level using low pressure water blaster.

Remove silt/mud on the louvers/screens using low pressure water blaster.

Erect chain link fence post. Replace chain link fence fabric with 3-strand barbed wire on the double swing gate.

Print new vinyl construction sign and install in the original location.

ESTIMATED PROJECT COST: \$11,050.00

ITEM	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
1	Mobilization	1 Ls	\$2,350.00	\$2,350.00
2	Labor	5 days	\$160.00	\$800.00
3	Labor	5 days	\$160.00	\$800.00
4	Labor	5 days	\$160.00	\$800.00
5	Site Supervisor	5 days	\$280.00	\$1,400.00
6	Safety Officer	5 days	\$280.00	\$1,400.00
7	Tools, Supplies and Equipment	1 Ls	\$2,750.00	\$2,750.00
8	8x6.5ft chain link	1 roll	\$500.00	\$500.00
9	Barbed wire	1 roll	\$250.00	\$250.00

TOTAL ESTIMATED PROJECT COSTS: \$11,050.00

DOES THE SCOPE OF WORK CHANGE THE PRE-DISASTER CONDITIONS AT THE SITE?

YES _____ NO X _____

SPECIAL CONSIDERATIONS ISSUES INCLUDED? YES _____ NO X _____

HAZARD MITIGATION PROPOSAL INCLUDED? YES _____ NO X _____

IS THERE INSURANCE COVERAGE ON THIS FACILITY? YES _____ NO X _____

PREPARED BY: Kenneth M. Rekdahl _____

Agency Point of Contact (POC)[[1]]

TITLE: Chief, Special Projects Division _____

BUSINESS ADDRESS: 238 Marine Corps Drive Suite 201 Hagatna, 96910 Gu _____

BUSINESS TELEPHONE: (671) 477-7996 _____

ALTERNATE POC: Editha F. Beltran-Thompson _____

BUSINESS TELEPHONE: (671)477-7996 _____

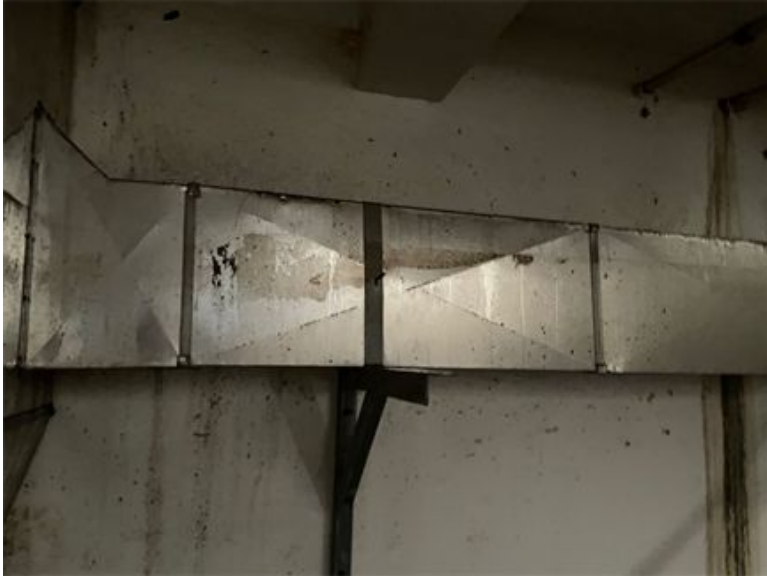
VERIFIED BY: _____ DATE: _____

FEMA Inspector

ATTACHMENTS:

- Photos
- Site Plan

Photos:



Newly Installed Vent-1



Newly Installed Vent-1



Clean Exterior Louvers



Clean Exterior Railings



Clean Exterior Railings (2)



Clean Floors & Interior Railings



Clean Louver Screens



Clean Walls



Erect Chain Link Fence Post

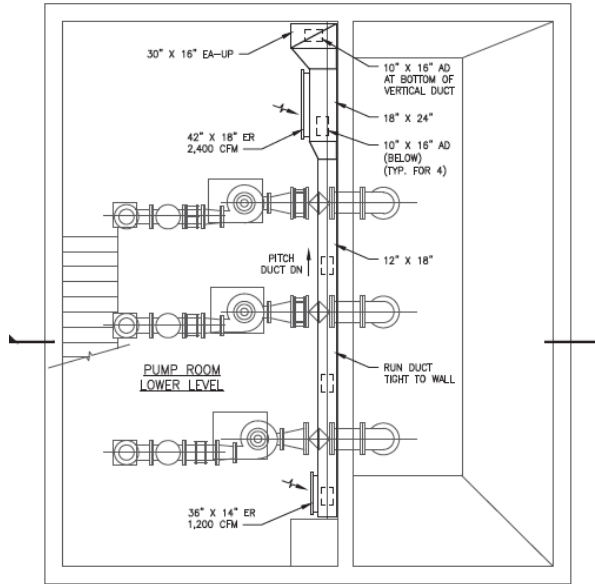


Replace Construction Sign

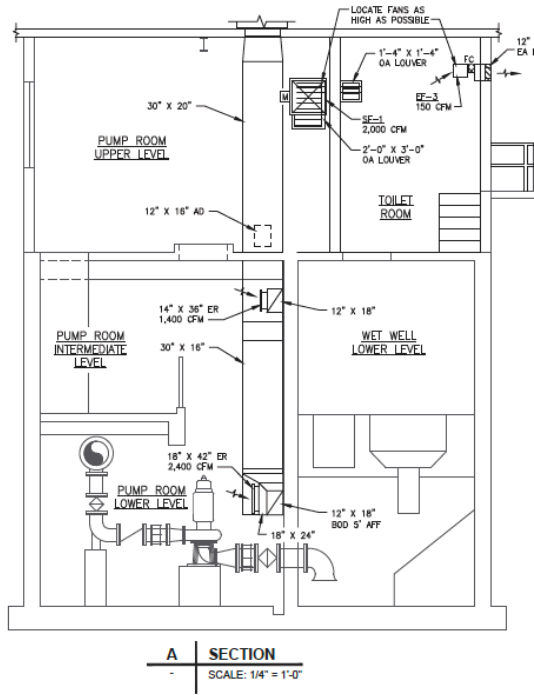


Replace Double Swing Vehicular Gate Fence Fabric and 3- Strand Barbed Wire

Site Plan:



Site Plan-1 (Yigo Sewer Flood Design Project, 2019)



Site Plan-1 (Yigo Sewer Flood Design Project, 2019)

DESCRIPTION OF PUBLIC ASSISTANCE WORK CATEGORIES

Category A – Debris Clearance

Clearance of trees and woody debris; building wreckage; sand, mud, silt and gravel; and other disaster-related material.

- Identify property affected by debris that impact public health and safety, public and private property.
- Identify public services affected by the debris problem, such as: roads, sewage disposal, and water supply.
- Describe the progress of local debris removal (village, government and/or voluntary efforts).

Category B – Protective Measures

Measures taken before, during and immediately after a disaster to save lives, protect public health and safety, and protect public and private property.

- Note conditions which threaten public health, safety and property.
- Identify nature of work, such as: pumping, sandbagging, steam clearance, vegetation removal.
- Describe essential services affected by the threatening situation.

Category C – Road Systems

Repair of roads, bridges, and associated features, such as: shoulders, ditches, culverts, lighting and signs.

- Identify maintenance responsibility.
- Describe types of damage including road material, shoulder, erosion, culvert washouts, landslides, size and type of damage sustained.
- Describe the social and economic effect the damage has had on local activities.
- Describe bridge affected, length, location, number of lanes.
- Describe the extent of damage especially when the bridge is not destroyed, particularly if it isolates the community or vital services.

Category D – Water Control Facilities

Repair of irrigation systems, drainage channels, and pumping facilities. Repair of levees and flood control channels. (Caution: Eligibility of these facilities is restricted.)

- Provide the pre-disaster condition of the facility and its construction material (earth, concrete rock).
- Describe the specific damage to major components and give location, extent and type of damage (seepage, over-topping, erosion or actual breaks).
- Describe the threat existing because of the damage and note the need for evacuation and approximate timeframe.

Category E – Public Buildings and Related Equipment

Repair or replacement of buildings, including their contents and systems; heavy equipment and vehicles.

- Describe the uses of major building and equipment damaged, such as: schools, hospitals, government buildings, etc.
- Identify construction material (masonry, steel, concrete) give dimensions.

- Indicate the type of damage (broken windows, roof blow off); indicate if the item was destroyed or is repairable and the extent of equipment and contents damaged.
- Describe the consequences of interruption of activities when damaged buildings are not usable and availability of alternate facilities.

Category F – Public Utilities

Repair of water treatment and delivery systems; power generation facilities and distribution lines; and sewage collection and treatment facilities.

- Identify the type of facility (water, electric, and sewer).
- Describe the damage to each major component of subsystem (buildings, filters, generators, or other equipment affected).
- Estimate the number or days out of service and the impact on the public.
- Describe health and safety problems caused by the damage and the need for alternate or emergency system.
- Estimate the important dimensions of damaged portion of distribution and collection systems (size of line, length, etc.).

Category G – Other (Parks, Public, Non-Profit, Recreation)

Repair and restoration of parks, playgrounds, pools, cemeteries and beaches. This category is also used for any work or facility that cannot be characterized adequately by categories A-F.

- Identify the type of facility that has sustained damage.
- Describe the purpose of the facility.
- Organization responsible for maintenance.
- Describe the specific damage if the item was destroyed or is repairable, location dimensions, etc.
- Describe any threat or health and safety problems existing because of the damage and the general impact the loss of the facility has on the community.

EXHIBIT C

PROPOSAL/ ESTIMATE FOR CONTRACT MODIFICATION

DATE: August 23, 2023

CONTRACT TITLE: YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION **CONTRACT NO:** GWA S18-001-BND

CONSTRUCTION MANAGER:
DUENAS, CAMACHO AND ASSOCIATES

DESCRIPTION:	Two Week Power Outage for Power Meter Relocation	Change Proposal No.	02
		Revision Control No.	
PRIME CONTRACTOR'S WORK			Revisions/Comments
1. Direct Materials		\$ -	
2. Sales Tax on Materials	_____ of line 1	0.00% \$ -	
3. Direct Labor		\$ -	
4. Insurance, Taxes, and Fringe Benefits	20.00% of line 3	20.00% \$ -	
5. Rental Equipment		\$ 2,815.00	
6. Sales Tax on Rental Equipment	_____ of line 5	0.00% \$ -	
7. Equipment Ownership and Operation Expenses		\$ -	
8. SUBTOTAL (add lines 1 - 7)		\$ 2,815.00	
9. Field Overhead	0.0% of line 8	0.00% \$ -	
10. SUBTOTAL (Add Lines 8 - 9)		\$ 2,815.00	

Prime Remarks:

SUB-CONTRACTOR'S WORK			
11. Direct Materials		\$ -	
12. Sales Tax on Materials	_____ of line 11	0.00% \$ -	
13. Direct Labor		\$ -	
14. Insurance, Taxes, and Fringe Benefits	_____ of line 13	0.00% \$ -	
15. Rental Equipment		\$ -	
16. Sales Tax on Rental Equipment	_____ of line 15	0.00% \$ -	
17. Equipment Ownership and Operation Expenses		\$ -	
18. SUBTOTAL (add lines 11 - 17)		\$ -	
19. Field Overhead	0.00% of line 18	0.00% \$ -	
20. SUBTOTAL (add lines 18 - 19)		\$ -	
21. Home Office Overhead	0.00% of line 20	0.00% \$ -	
22. Profit	0.00% of line 20	0.00% \$ -	
23. SUBTOTAL (Add Lines 20 - 22)		\$ -	

Sub's Remarks:

SUMMARY			
24. Prime Contractor's Work (from line 10)		\$ 2,815.00	
25. Sub-contractor's Work (from line 23)		\$ -	
26. SUBTOTAL (add lines 24 - 25)		\$ 2,815.00	
27. Prime Overhead on sub-contractor	5.00% of line 25	5.00% \$ -	
28. Prime's Home Office Overhead	15.00% of line 24	15.00% \$ 422.25	
29. Prime's Profit	10.00% of line 26	10.00% \$ 281.50	
30. SUBTOTAL (add lines 26 - 29)		\$ 3,518.75	
31. Prime Contractor's Ins. & Bond	0.00% of line 30	0.00% \$ -	
32. SUBTOTAL (Add Line 30 & 31)		\$ 3,518.75	
33. GRT	5.25% of line 32	5.25% \$ 184.73	
34. SUBTOTAL (Add Line 32 & 33)		\$ 3,703.48	

Estimated time extension and justification

Prime Contractor name: IAN Corporation
Sub-contractor name:

Signature & Title of preparer
Danilo Calupaz Jr.
POC

Date August 23, 2023

BREAKDOWN OF DIRECT COSTS		Contract No. <u>GWA S18-001-BND</u>				Date: <u>August 23, 2023</u>				
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R O	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		Hrs	Unit Rate	Total
1. Provide back-up generator										
a. Rental 3-phase back-up generator (Rent + Transport + Tech Start Up)	1.00	week					R	24.00	\$ 2,815.00	\$ 2,815.00
DIRECT Prime Contractor's TOTALS				\$ -		\$ -	R	Total (Rental)		\$ 2,815.00
							O	Total (Owned)		\$ -



ADDRESS: 197 Ypao Road, Tamuning
Guam 96913
OFFICE: Phone: 1-671-649-1946
FAX: 1-671-649-1947
SPARE PARTS: Phone: 1-671-646-7914
Fax: 1-671-646-7900
WEB: www.morricoequipment.com



To: **DANILO CALUPAZ**
Company: **IAN CORPORATION**
Tele #: **671-734-3993**
Email: dcalupaz@ianconstruction.com

Page: **1**
From: **Katrina Cruz**

#N/A

RE: RENTAL QUOTE

Generator 60kw Kohler (24hr Day, 180hr Week, 720hr Month)

Daily : \$ **681.25**
Weekly: \$ **2,415.00**
Monthly: \$ **7,245.00**

Transport: **Off Base \$ 250.00 / On Base \$ 270.00 / On Site Tech Start Up \$ 150.00**

Specifications: 60kw Single Phase 120/240v, 50kw 3 Phase 120/208v
Skid Mounted 24hr Sub-Base Tank, 133 Gallon, Weather Enclosed, Diesel

No Additional Request

Daily : \$ -
Weekly: \$ -
Monthly: \$ -
Transport: \$ -
Specifications:

No Additional Request

Daily : \$ -
Weekly: \$ -
Monthly: \$ -
Transport: \$ -
Specifications:

No Additional Request

Daily : \$ -
Weekly: \$ -
Monthly: \$ -
Transport: \$ -
Specifications:

PLEASE SEE TERMS ON BACK

ON-SITE DIESEL DELIVERY





ADDRESS: 197 Ypao Road, Tamuning
Guam 96913
OFFICE: Phone: 1-671-649-1946
FAX: 1-671-649-1947
SPARE PARTS: Phone: 1-671-646-7914
Fax: 1-671-646-7900
WEB: www.morricequipment.com



Additional Information

Refundable Deposit: \$1,000.00 per unit required for all COD Customers
Fuel and Operator not included.

TERMS AND CONDITIONS

- * Rental quotes are valid for 30 days
- * Signed rental contract is required for each equipment item
- * Fuel and operator not included
- * Account customers payment terms are strictly 30 days of invoice
- * Prices include Guam GRT
- * All Equipment is subject to prior sale or rental

ON SITE DIESEL DELIVERY SERVICE & ONSITE ROLL OFF TRASH BIN SERVICE

A Morrico Equipment LLC, equipment rental contract must be signed prior to equipment departing premises. Quoted rates are cash price. We do however accept Visa, Mastercard and American Express, but credit cards are subject to an additional fee.

Please note that all customers who do not have a credit account with Morrico Equipment must provide a security deposit for each piece of rented equipment. All payments for non-credit account customers must be paid in full prior to departure of equipment from the Morrico yard.

Please contact our office for the current list of the equipment rental fleet (pricing will not be included in the complete equipment list). If you should have any further questions, please feel free to contact our rental team directly by the above telephone contacts or via email rental@morricequipment.com

Thank you for your inquiry,
Morrico Rental Team

ON-SITE DIESEL DELIVERY



EXHIBIT E - Cost Proposal for Change Order #4

PROPOSAL/ ESTIMATE FOR CONTRACT MODIFICATION

DATE:

October 11, 2023

CONTRACT TITLE:
YIGO SEWER PUMP STATION FLOOD MITIGATION AND FACILITY REHABILITATION

CONTRACT NO:
GWA S18-001-BND

CONSTRUCTION MANAGER:
DUENAS, CAMACHO AND ASSOCIATES

DESCRIPTION: **Replace and Install New Level Transmitter, Auto Dialer and Light Indicator** Change Proposal No. **03**
Revision Control No.

PRIME CONTRACTOR'S WORK		Revisions/Comments	
1. Direct Materials		\$ 15,371.82	
2. Sales Tax on Materials	_____ of line 1	0.00%	\$ -
3. Direct Labor		\$ 5,434.00	
4. Insurance, Taxes, and Fringe Benefits	20.00% of line 3	20.00%	\$ 1,086.80
5. Rental Equipment		\$ -	
6. Sales Tax on Rental Equipment	_____ of line 5	0.00%	\$ -
7. Equipment Ownership and Operation Expenses		\$ -	
8. SUBTOTAL (add lines 1 - 7)			\$ 21,892.62
9. Field Overhead	5.0% of line 8	5.00%	\$ 1,094.63
10. SUBTOTAL (Add Lines 8 - 9)			\$ 22,987.25

Prime Remarks:

SUB-CONTRACTOR'S WORK		Revisions/Comments	
11. Direct Materials		\$ -	
12. Sales Tax on Materials	_____ of line 11	0.00%	\$ -
13. Direct Labor		\$ 1,824.00	
14. Insurance, Taxes, and Fringe Benefits	20.00% of line 13	20.00%	\$ 364.80
15. Rental Equipment		\$ -	
16. Sales Tax on Rental Equipment	_____ of line 15	0.00%	\$ -
17. Equipment Ownership and Operation Expenses		\$ -	
18. SUBTOTAL (add lines 11 - 17)			\$ 2,188.80
19. Field Overhead	5.00% of line 18	5.00%	\$ 109.44
20. SUBTOTAL (add lines 18 - 19)			\$ 2,298.24
21. Home Office Overhead	15.00% of line 20	15.00%	\$ 344.74
22. Profit	10.00% of line 20	10.00%	\$ 229.82
23. SUBTOTAL (Add Lines 20 - 22)			\$ 2,872.80

Sub's Remarks:

SUMMARY		Revisions/Comments	
24. Prime Contractor's Work (from line 10)		\$ 22,987.25	
25. Sub-contractor's Work (from line 23)	Note: Negotiations ongoing. Percentages to be reduced.	\$ 2,872.80	
26. SUBTOTAL (add lines 24 - 25)			\$ 25,860.05
27. Prime Overhead on sub-contractor	10.00% of line 25	10.00%	\$ 287.28
28. Prime's Home Office Overhead	25.00% of line 24	25.00%	\$ 5,746.81
29. Prime's Profit	10.00% of line 26	10.00%	\$ 2,586.01
30. SUBTOTAL (add lines 26 - 29)			\$ 34,480.15
31. Prime Contractor's Ins. & Bond	2.00% of line 30	2.00%	\$ 689.60
32. SUBTOTAL (Add Line 30 & 31)			\$ 35,169.75
33. GRT	5.27% of line 32	5.27%	\$ 1,853.45
34. SUBTOTAL (Add Line 32 & 33)			\$ 37,023.20

Estimated time extension and justification

1-month extension to account for the Auto-dialer lead time.

This proposal includes the cost for the wrong autodialer. The contractor is awaiting the cost of the correct autodialer. An allowance of \$32,976.80 for the correct autodialer is requested, bringing the maximum cost to \$70,000.00.

Prime Contractor name: IAN Corporation
Sub-contractor name:

Signature & Title of preparer
Danilo Calupaz Jr.
POC

Date October 11, 2023

BREAKDOWN OF DIRECT COSTS			Contract No. <u>GWA S18-001-BND</u>				Date: <u>October 11, 2023</u>				
ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		R	EQUIPMENT			
			Unit Cost	Total Cost	Unit Cost	Total Cost		O	Hrs	Unit Rate	Total
1. Replace and Install New Level Transmitter, Auto-Dialer, Light Indicator											
<u>Materials</u>											
a. MJK Submersible Level Transducer Model Expert 3400, 39ft. Cable	1.00	ea	\$ 3,963.20	\$ 3,963.20							
b. Raco Verbatim 8 Channel Autodialer	1.00	ea	\$ 6,518.00	\$ 6,518.00							
c. Light Indicator Allen Bradley 800T-PH16A	1.00	ea	\$ 575.62	\$ 575.62							
<i>Note: New estimate required for a different autodialer model. An allowance of \$32,976.80 is for the correct autodialer.</i>											
2. Misc. Requirements											
a. Yellow safety paint on various locations	1.00	lot	\$ 300.00	\$ 1,500.00	\$ 224.00	\$ 448.00					
b. Grey Paint on Pump Station Entrance	1.00	lot	\$ 800.00	\$ 2,400.00	\$ 224.00	\$ 1,792.00					
c. Fix overhang exterior light	1.00	lot	\$ 275.00	\$ 275.00	\$ 250.00	\$ 250.00					
d. Install door stopper on wet well and bathroom	1.00	lot	\$ 30.00	\$ 60.00	\$ 224.00	\$ 112.00					
e. Install chain on FRP ladder	1.00	lot	\$ 80.00	\$ 80.00	\$ 224.00	\$ 112.00					
3. General											
<u>Project Management</u>											
a. Project Manager	3.00	day			\$ 400.00	\$ 1,200.00					
c. Safety Officer	3.00	day			\$ 240.00	\$ 720.00					
c. Project Coordinator/Administrator	1.00	week			\$ 800.00	\$ 800.00					
DIRECT Prime Contractor's TOTALS					\$ 15,371.82		\$ 5,434.00	R	Total (Rental)		\$ -
								O	Total (Owned)		\$ -
ITEMS OF WORK FOR Sub-contractor	QTY	UNIT	MATERIAL		LABOR		R	EQUIPMENT			
			Unit Cost	Total Cost	Unit Cost	Total Cost		O	Hrs	Rate	Total
1. Replace and Install New Level Transmitter, Auto-Dialer and Light Indicator											
<u>Field Operations</u>											
a. Field Engineer	3.00	day			\$ 384.00	\$ 1,152.00					
b. Electrician	3.00	day			\$ 224.00	\$ 672.00					
DIRECT Sub-contractor's TOTALS					\$ -		\$ 1,824.00	R	Total (Rental)		\$ -
								O	Total (Owned)		\$ -



Printed on Mon Oct 2, 2023 at 01:46 pm ChST

Job #: S18-001-BND Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation

Duenas, Camacho and Associates

Change Order Items
9.28.23

Description
Repair exterior light.

Taken Date

Upload Date
10/02/2023 at 01:18 pm

Uploaded By
Editha Beltran-Thompson

File Name
[10090700_b010_bf](#)



Change Order Items
9.28.23

Description
Apply safety yellow paint
on the raised concrete
around the stair opening.
Extend paint 4-inch wide
on the floor.

Taken Date
09/28/2023 at 02:35 pm

Upload Date
09/29/2023 at 02:11 pm

Uploaded By
Editha Beltran-Thompson

File Name
[10MGT_0107010](#)





Printed on Mon Oct 2, 2023 at 01:46 pm ChST

Job #: S18-001-BND Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation

Duenas, Camacho and Associates

Change Order Items
9.28.23

Description
Install door stopper

Taken Date
09/28/2023 at 02:32 pm

Upload Date
09/29/2023 at 02:11 pm

Uploaded By
Editha Beltran-Thompson

File Name
[010_M01_G01_10 70 10 70](#)



Change Order Items
9.28.23

Description
Apply coating (grey) on
the exterior concrete.

Taken Date
09/28/2023 at 02:31 pm

Upload Date
09/29/2023 at 02:11 pm

Uploaded By
Editha Beltran-Thompson

File Name
[010_M01_G01_10 70 10 60](#)





Printed on Mon Oct 2, 2023 at 01:46 pm ChST

Job #: S18-001-BND Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation

Duenas, Camacho and Associates

Change Order Items
9.28.23

Description
Install chain

Taken Date
09/28/2023 at 02:30 pm

Upload Date
09/29/2023 at 02:12 pm

Uploaded By
Editha Beltran-Thompson

File Name
[01_M0_G0_10701010](#)



Change Order Items
9.28.23

Description
Apply safety yellow on the raised concrete & extend 4" around the floor surface (3ea)

Taken Date
09/28/2023 at 01:34 pm

Upload Date
09/29/2023 at 02:11 pm

Uploaded By
Editha Beltran-Thompson

File Name
[01_M0_G0_10609040](#)





Printed on Mon Oct 2, 2023 at 01:46 pm ChST

Job #: S18-001-BND Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation

Duenas, Camacho and Associates

Change Order Items
9.28.23

Description
Apply safety yellow paint
on the steel and concrete
beam for headroom.

Taken Date
09/28/2023 at 01:34 pm

Upload Date
09/29/2023 at 02:11 pm

Uploaded By
Editha Beltran-Thompson

File Name
[10_M0_G0_01_60_90_00](#)





GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913

Tel: (671) 300-6846

Issues for Decision

Resolution No. 06-FY2024

Relative to Approval of an Increase in Funding and Scope of Work for Construction Management Contract of Santa Rosa, Sinifa, and Santa Rita Tank and System Upgrades

What is the project's objective and is it necessary and urgent?

The project is part of the 2011 Court Order Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program. As a Court Order project, it is necessary and urgent to work towards meeting the Court Order deadlines.

This contract is to provide construction management services for the construction of the Santa Rosa, Sinifa, and Santa Rita Tank and System Upgrade project. The continuation of construction management services is vital to the completion of the project:

1. Due to Contractor's delay Construction of the new Santa Rosa Reservoir booster pump station, Sinifa Reservoir control building, and remaining site work (paving, gutters, electrical, instrumentation) is ongoing. Contractor's recovery schedule has May 27, 2024, Final Completion for the Santa Rosa Project and January 29, 2024, for the Final Completion of the Sinifa Project.

The Construction Manager's contract expires on January 14, 2024, and due to Contractor's delay, GWA has issued a Notice of Special Damages letter to the Contractor to cover the Construction Manager's cost starting January 14, 2024 until Final Completion.

2. Engineering consultation support (review and analysis of Engineer of Record's slope remediation plan), supplemental geotechnical exploration, conceptual design development, geotechnical investigation, preparation of landslide remediation design a needed under the Construction Manager's geotechnical subconsultant for the Santa Rita slope failure situation.
3. Construction Management services for the Santa Rosa No. 1 and Sinifa No. 1 steel tank major repairs. GWA and the Contractor is negotiating the scope of work and cost to rehabilitate the tanks. The ability to amend the Contract to include repair work was included in the Invitation for Bid documents (IFB-01-ENG-2019). Both tanks are listed under the Court Order for Preliminary Relief.

Where is the project located?

- Santa Rosa reservoir and booster pump station is located in Yigo village.
- Sinifa and Santa Rita reservoirs are located in Santa Rita village.

How much will it cost?

Total not-to-exceed additional funding requested: \$1,098,345.10 (includes 15% contingency)
The total authorized funding will be: \$7,708,929.03

When will it be completed?

All work is anticipated to be completed by the end of January 2025.

What is the funding source?

PW 09-11: Water System Reservoirs 2005 Improvements
Special Damages Assessment

The RFP/Bid responses (If applicable):

Not applicable



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GWA RESOLUTION NO. 06–FY2024

**RELATIVE TO APPROVAL OF AN INCREASE IN FUNDING AND SCOPE OF
WORK FOR CONSTRUCTION MANAGEMENT CONTRACT OF SANTA ROSA,
SINIFA, AND SANTA RITA TANK AND SYSTEM UPGRADES**

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA is currently working on critical reservoir projects at the GWA Santa Rosa, Sinifa, and Santa Rita reservoir sites under the 2011 Court Order (“CO”) Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program; and

WHEREAS, GWA Management filed a Motion to Extend Time to Complete Storage/Reservoir Tank Project at Subparagraphs 29(B)(6)(i) and 29(B)(6)(ii) to revise the number of reservoirs required to be completed and to extend the completion date to December 31, 2025; in which the Order Granting Co-Defendants’ Amended Joint Unopposed Motion to Extend Time to Comply with the Court’s Order for Preliminary Relief was granted by the District Court of Guam on July 14, 2023; and

WHEREAS, under the revised storage requirements from the updated hydraulic storage analysis, the Santa Rita reservoir water storage volume can be moved to the Sinifa No. 1 and Sinifa No. 2 reservoir sites; and

WHEREAS, the CCU approved Resolution No. 13-FY2018 for Construction Management (CM) services on the construction projects at these sites, which authorized CM

1 contract funding of Two Million Nine Hundred Seventy-Seven Thousand Two Hundred Thirty-
2 Four Dollars and Sixty-Nine Cents (\$2,977,234.69) along with a 10% contingency of Two
3 Hundred Ninety-Seven Thousand Seven Hundred Twenty-Three Dollars and Forty-Seven Cents
4 (\$297,723.47) to bring the total authorized funding amount to a maximum of Three Million
5 Two Hundred Seventy-Four Thousand Nine Hundred Fifty-Eight Dollars and Sixteen Cents
6 (\$3,274,958.16) (Exhibit A); and

7
8 **WHEREAS**, the CCU approved Resolution No. 32-FY2020 which authorized
9 additional funding, due to construction permitting and archaeological delays, in the amount of
10 Thirty-Nine Thousand Six Hundred Thirteen Dollars and Ninety-Two Cents (\$39,613.92) to
11 supplement the available contingency of Two Hundred Ninety-Seven Thousand Seven Hundred
12 Twenty-Three Dollars and Forty-Seven Cents (\$297,723.47) to fund Change Order No.1 in the
13 amount of Three Hundred Thirty-Seven Thousand Three Hundred Thirty-Seven Dollars and
14 Thirty-Nine Cents (\$337,337.39), bringing the total authorized funding amount to Three Million
15 Three Hundred Fourteen Thousand Five Hundred Seventy-Two Dollars and Eight Cents
16 (\$3,314,572.08) (Exhibit B); and

17
18 **WHEREAS**, the CCU approved Resolution No. 25-FY2022 in the amount of Two
19 Million Three Hundred Forty Thousand Three Hundred Seventy-Five Dollars and Seventy
20 Cents (\$2,340,375.70) which authorized additional funding, due to delays by the impacts of the
21 COVID-19 pandemic, global supply chain issues, and a slope failure (landslide) event due to
22 severe weather at the Santa Rita reservoir site, all of which are unforeseen conditions and
23 beyond the control on the Contractor and CM, bringing the total authorized funding amount to
24 Five Million Six Hundred Fifty-Four Thousand Nine Hundred Forty-Seven Dollars and
25 Seventy-Eight Cents (\$5,654,947.78) (Exhibit C); and

26
27 **WHEREAS**, the CCU approved Resolution No. 12-FY2023, in the amount of Nine
28 Hundred Fifty-Five Thousand Six Hundred Thirty-Six Dollars and Fifteen Cents (\$955,636.15)
29 which authorized additional funding, due to delays by the impacts of the Santa Rita Reservoir
30 pile foundation issues, requiring additional piles and redesign of the waterline, electrical,
31 roadway, and ponding basin due to the slope failure, bringing the total authorized funding
32

1 amount to Six Million Six Hundred Ten Thousand Five Hundred Eighty-Three Dollars and
2 Ninety-Three Cents (\$6,610,583.93) (Exhibit D); and

3
4 **WHEREAS**, the Santa Rosa and Sinifa Reservoirs have been substantially completed
5 and placed online in October 2022; however, due to Contractor's delay, work is ongoing at the
6 Santa Rosa booster pump station extending the Final Completion to May 27, 2024 and Sinifa
7 Reservoir control building extending the Final Completion to January 29, 2024; and

8
9 **WHEREAS**, GWA has issued a Notice of Special Damages to the Contractor (AIC,
10 International) on November 13, 2023, to be financially responsible for the Construction
11 Management services (GHD, Inc.) needed to complete the construction of the Santa Rosa
12 booster pump station and Sinifa control building due to Contractor's delays, and all remaining
13 related site work to Final Completion; and

14
15 **WHEREAS**, GWA and GHD have negotiated the scope and fee to continue
16 Construction Management services needed to complete the construction of the Santa Rosa
17 booster pump station and Sinifa control building in the amount of Three Hundred Ten Thousand
18 Three Hundred Nineteen Dollars and Ten Cents (\$310,319.10); and

19
20 **WHEREAS**, additional Construction Management support services including review of
21 Engineer of Record's (TG Engineers, PC) recommended slope failure rectification proposal,
22 additional geotechnical engineer and engineering geologist services, and cost estimation
23 services, are required to develop solution(s) for action to remediate the Santa Rita slope failure;
24 and

25
26 **WHEREAS**, due to the slope failure at the Santa Rita site and increased construction
27 cost of the revised routing of the water line installation, roadway development, slope
28 stabilization, and revised ponding basin works, and the uncertainty of future landslides, GWA
29 Management made the decision to defer the construction of the Santa Rita reservoir
30 construction until a permanent slope stabilization solution is developed; and

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WHEREAS, GWA and GHD have negotiated a scope and fee of Twenty-Three Thousand Three Hundred Dollars and Zero Cents (\$23,300.00) for as-needed geotechnical engineering consultant support to include review of the Engineer of Record’s recommended slope failure rectification proposal; and

WHEREAS, GWA and GHD have negotiated a scope and not-to-exceed fee of Two Hundred Four Thousand Six Hundred Seventy-Four Dollars and Zero Cents (\$204,674.00) to give GWA the option to conduct supplemental geotechnical investigations and to prepare additional landslide remediation design, if required; and

WHEREAS, GWA and the Contractor are negotiating the scope and fee for the major repair work of the Santa Rosa No. 1 and Sinifa No. 1 steel reservoirs, which are under the Court Order for Preliminary Relief, to add to the Contractor’s scope of work; and

WHEREAS, GWA and GHD have negotiated a scope and not-to-exceed fee of Four Hundred Sixteen Thousand Seven Hundred Ninety Dollars and Zero Cents (\$416,790.00) to give GWA an option to include Construction Management support services for the Santa Rosa No. 1 and Sinifa No. 1 steel reservoir major repair work, if required; and

WHEREAS, in order to provide continuity of needed construction management and support services of this Court Order related work until construction has been completed, GWA and GHD have negotiated a scope and fee of Nine Hundred Fifty-Five Thousand and Eighty-Three Dollars and Ten Cents (\$955,083.10) (Exhibit E); and

WHEREAS, GWA Management is seeking the amount of Nine Hundred Fifty-Five Thousand and Eighty-Three Dollars and Ten Cents (\$955,083.10) in additional funding to execute a contract modification to continue construction management services, along with a 15% contingency of One Hundred Forty-Three Thousand Two Hundred Sixty-Two Dollars (\$143,262.00) to bring the requested authorization to One Million Ninety-Eight Thousand Three Hundred Forty-Five Dollars and Ten Cents (\$1,098,345.10); and

1 **WHEREAS**, funding for this project will be from the Bond Funds under the following
2 line item:

- 3 • PW 09-11 Water System Reservoirs 2005 Improvements
- 4 • Special Damages assessed to the Contractor

5
6 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
7 does hereby approve the following:

- 8 1. The recitals set forth above hereby constitute the findings of the CCU.
- 9 2. The CCU finds that the terms of the fee proposal submitted by GHD are fair
10 and reasonable.
- 11 3. The CCU hereby authorizes One Million Ninety-Eight Thousand Three
12 Hundred Forty-Five Dollars and Ten Cents (\$1,098,345.10) in additional
13 funding to bring the total authorized funding to Seven Million Seven
14 Hundred Eight Thousand Nine Hundred Twenty-Nine Dollars and Three
15 Cents (\$7,708,929.03).
- 16 4. The CCU hereby authorizes the management of GWA the option to issue
17 contract modifications in the not-to-exceed amount of One Million Ninety-
18 Eight Thousand Three Hundred Forty-Five Dollars and Ten Cents
19 (\$1,098,345.10).
- 20 5. The CCU hereby authorizes the funding source to be from the bond funds
21 under CIP item PW 09-11: Water System Reservoirs 2005 Improvements and
22 Special Damages assessed to the Contractor.
- 23

24 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the
25 adoption of this Resolution.
26

27 **DULY AND REGULARLY ADOPTED**, this 28th day of November 2023.

28 Certified by:

29 Attested by:

30
31 **JOSEPH T. DUENAS**
32 Chairperson

PEDRO ROY MARTINEZ
Secretary

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SECRETARY’S CERTIFICATE

I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES: _____
NAYS: _____
ABSENT: _____
ABSTAIN: _____

///



CONSOLIDATED COMMISSION ON UTILITIES
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GWA RESOLUTION NO. 13-FY2018

RELATIVE TO APPROVAL OF THE CONSTRUCTION MANAGEMENT CONTRACT FOR SANTA ROSA, SINIFA, AND SANTA RITA TANK AND SYSTEM UPGRADES

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA is currently working on critical reservoir projects under the 2011 Court Order (“CO”) Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program; and

WHEREAS, the design of Santa Rosa, Sinifa, and Santa Rita Tank designs (RFP-09-ENG-2014) have been completed; and

WHEREAS, GWA has advertised the Request for Proposals (RFP-06-ENG-2017) soliciting statement of qualifications from experienced and qualified engineering firms to provide construction management services for the Santa Rosa, Sinifa, and Santa Rita Tank and System Upgrades project; and

WHEREAS, RFP packages were picked up by 19 interested parties, from which GWA received proposal submittals from 8 firms before the RFP submittal deadline; and

WHEREAS, the GWA A-E Selection committee reviewed and evaluated the 8 proposals (See Exhibit A – Score Summary) and generated a short list of the top 3 firms with a

1 recommendation to award a contract to the firm GHD (See Exhibit B – GM’s Determination);
2 and

3
4 **WHEREAS**, GHD and GWA negotiated the price for the construction management
5 services (Santa Rosa, Sinifa, and Santa Rita tank and off-site system upgrades related to all three
6 tank sites) to be provided in the total amount of Two Million Nine Hundred Seventy-Seven
7 Thousand Two Hundred Thirty-Four Dollars and Sixty-Nine Cents (\$2,977,234.69) (See Exhibit
8 C – Scope of Work and Fees); and

9
10 **WHEREAS**, GWA management seeks approval of the fee proposal amount of Two
11 Million Nine Hundred Seventy-Seven Thousand Two Hundred Thirty-Four Dollars and Sixty-
12 Nine Cents (\$2,977,234.69), along with a 10% contingency of Two Hundred Ninety-Seven
13 Thousand Seven Hundred Twenty Three Dollars and Forty Seven Cents (\$297,723.47), to bring
14 the total authorized funding amount to a maximum of Three Million Two Hundred Seventy-Four
15 Thousand Nine Hundred Fifty-Eight Dollars and Sixteen Cents (\$3,274,958.16); and

16
17 **WHEREAS**, funding for this project will be from the Bond Funds under the line item
18 “PW 09-11 Water System Reservoirs 2005 Improvements”; and

19
20 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
21 does hereby approve the following:

- 22 1. The recitals set forth above hereby constitute the findings of the CCU.
- 23 2. The CCU finds that the terms of the fee proposal submitted by GHD are fair
24 and reasonable (Exhibit C).
- 25 3. The CCU hereby authorizes the management to accept the fee proposal from
26 GHD, which is also incorporated into this Resolution in its entirety.
- 27 4. The CCU hereby further authorizes the management of GWA to enter into a
28 contract with GHD, in the amount of Two Million Nine Hundred Seventy-
29 Seven Thousand Two Hundred Thirty-Four Dollars and Sixty-Nine Cents
30 (\$2,977,234.69).
- 31 5. The CCU hereby further approves the total funding amount for this project of
32 Two Million Nine Hundred Seventy-Seven Thousand Two Hundred Thirty-

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Four Dollars and Sixty-Nine Cents (\$2,977,234.69), along with a 10% contingency of Two Hundred Ninety-Seven Thousand Seven Hundred Twenty-Three Dollars and Forty-Seven Cents (\$297,723.47), to bring the total authorized funding amount to Three Million Two Hundred Seventy-Four Thousand Nine Hundred Fifty-Eight Dollars and Sixteen Cents (\$3,274,958.16).

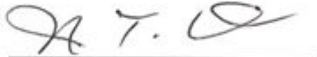
- 6. The CCU hereby further authorizes the funding source to be from bond funds under the CIP line Item PW 09-11 "Water System Reservoirs 2005 Improvements".

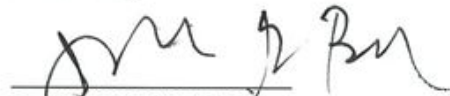
RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption of this Resolution.

DULY AND REGULARLY ADOPTED, this 23rd day of January 2018.

Certified by:

Attested by:


JOSEPH T. DUENAS
Chairperson


J. GEORGE BAMBA
Secretary

SECRETARY'S CERTIFICATE

I, J. George Bamba, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES: 5
NAYS: 0
ABSTENTIONS: 0
ABSENT: 0





CONSOLIDATED COMMISSION ON UTILITIES
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GWA RESOLUTION NO. 32-FY2020

RELATIVE TO APPROVAL OF ADDITIONAL FUNDING TO THE CONSTRUCTION MANAGEMENT CONTRACT FOR SANTA ROSA, SINIFA, AND SANTA RITA TANK AND SYSTEM UPGRADES

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA is currently working on critical reservoir projects under the 2011 Court Order (“CO”) Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program; and

WHEREAS, the CCU approved Resolution No. 13-FY2018 authorized a funding of \$2,977,234.69 along with a 10% contingency of \$297,723.47 to bring the total authorized funding amount to a maximum of \$3,274,958.16 (Exhibit A) for the construction management contract; and

WHEREAS, the construction management contract for the Santa Rosa, Santa Rita, and Sinifa tanks and system upgrade project was issued on April 2, 2018;

WHEREAS, the construction management team has completed pre-construction and limited construction task which included design document review, bid review and analysis, development of quality assurance plan, project document control software setup, meetings, and submittal review; and

1 **WHEREAS**, the construction contract for the Santa Rosa, Santa Rita, and Sinifa tanks
2 and system upgrade project was issued on September 30, 2019;

3
4 **WHEREAS**, construction at the sites have not started due to the following reasons:

- 5 1. Engineer of Record (Designer) did not complete the archaeological survey
6 process for the three sites before the bid, which led to the State Historic
7 Preservation Office delay in reviewing the permit package;
- 8 2. Permitting agencies shut down due to the COVID-19 pandemic, which further
9 extended the permit review process with the State Historic Preservation Office
10 and Guam Environmental Protection Agency;

11
12 **WHEREAS**, the construction management construction performance period has expired
13 due to no construction site activity;

14
15 **WHEREAS**, GWA and GHD has negotiated Change Order No. 1 scope and fee of Three
16 Hundred Thirty-Seven Thousand Three Hundred Thirty-Seven Dollars and Thirty-Nine Cents
17 (\$337,337.39) to continue and extend the construction management period to match contractor's
18 performance period and construction management cost escalation (Exhibit B); and

19
20 **WHEREAS**, GWA Management is seeking Thirty-Nine Thousand Six Hundred Thirteen
21 Dollars and Ninety-Two Cents (\$39,613.92) to supplement the available contingency of
22 \$297,723.47 to fund Change Order No. 1 in the amount of Three Hundred Thirty-Seven
23 Thousand Three Hundred Thirty-Seven Dollars and Thirty-Nine Cents (\$337,337.39); and

24
25 **WHEREAS**, funding for this project will be from the Bond Funds under the line item
26 "PW 09-11 Water System Reservoirs 2005 Improvements"; and

27
28 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
29 does hereby approve the following:

- 30 1. The recitals set forth above hereby constitute the findings of the CCU.

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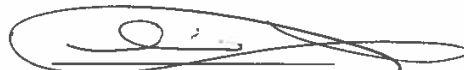
- 2. The CCU finds that the terms of the scope and fee proposal submitted by GHD are fair and reasonable.
- 3. The CCU hereby authorizes \$36,613.92 in additional funding to bring the total authorized funding amount to \$3,314,572.08.
- 4. The CCU hereby authorizes the management of GWA the option to issue Change Order No. 1 in the not-to-exceed amount of \$337,337.39. (Exhibit "B")
- 5. The CCU hereby authorizes the funding source to be from bond funds under the CIP line Item PW 09-11 "Water System Reservoirs 2005 Improvements".

RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption of this Resolution.

DULY AND REGULARLY ADOPTED, this 28th day of July 2020.

Certified by:

Attested by:



JOSEPH T. DUENAS

MICHAEL T. LIMTIACO

Chairperson

Secretary

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SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES:	<u> 5 2 </u>
NAYS:	<u> ϕ </u>
ABSENT:	<u> ϕ </u>
ABSTAIN:	<u> ϕ </u>



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CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

GWA RESOLUTION NO. 25-FY2022

RELATIVE TO APPROVAL OF ADDITIONAL FUNDING TO THE CONSTRUCTION MANAGEMENT CONTRACT FOR SANTA ROSA, SINIFA, AND SANTA RITA TANK AND SYSTEM UPGRADES

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA is currently working on critical reservoir projects at the GWA Santa Rosa, Sinifa and Santa Rita reservoir sites under the 2011 Court Order (“CO”) Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program; and

WHEREAS, the CCU approved Resolution No. 13-FY2018 for Construction Management (CM) services on the construction projects at these sites, which authorized CM contract funding of Two Million Nine Hundred Seventy Seven Thousand Two Hundred Thirty Four Dollars and Sixty Nine Cents (\$2,977,234.69) along with a 10% contingency of Two Hundred Ninety Seven Thousand Seven Hundred Twenty Three Dollars and Forty Seven Cents (\$297,723.47) to bring the total authorized funding amount to a maximum of Three Million Two Hundred Seventy Four Thousand Nine Hundred Fifty-Eight Dollars and Sixteen Cents (\$3,274,958.16) (Exhibit A); and

WHEREAS, the CCU approved Resolution No. 32-FY2020 which authorized additional funding, due to construction permitting and archaeological delays, in the amount of Thirty Nine Thousand Six Hundred Thirteen Dollars and Ninety Two Cents (\$39,613.92) to supplement the available contingency of Two Hundred Ninety Seven Thousand Seven Hundred Twenty Three

1 Dollars and Forty Seven Cents (\$297,723.47) to fund Change Order No.1 in the amount of Three
2 Hundred Thirty Seven Thousand Three Hundred Thirty Seven Dollars and Thirty Nine Cents
3 (\$337,337.39), bringing the total authorized funding amount to Three Million Three Hundred
4 Fourteen Thousand Five Hundred Seventy Two Dollars and Eight Cents (\$3,314,572.08)
5 (Exhibit B); and

6
7 **WHEREAS**, the construction of improvements at these sites have been delayed by the
8 impacts of the COVID-19 pandemic, global supply chain issues, and a slope failure (landslide)
9 event due to severe weather at the Santa Rita reservoir site, all of which are outside of the control
10 of the contractor and CM; and

11
12 **WHEREAS**, despite these impacts, the construction of the Santa Rosa and Sinifa
13 reservoirs are nearing completion and will be ready for service by the end of August 2022; and

14
15 **WHEREAS**, the Santa Rosa booster pump station construction will be extended to April
16 2023 due to the long lead supply of the booster pump skid and generator systems; and

17
18 **WHEREAS**, the Santa Rita reservoir construction will be extended to April 2023 for two
19 reasons: 1) Change of Casted-In-Drill Holes (CIDH) foundation to Pre-Casted pile foundation, 2)
20 Redesign of waterline, electrical, roadway, and ponding basin due to slope failure; and

21
22 **WHEREAS**, test foundation pile driving at the Santa Rita reservoir is scheduled to start
23 this month, and the redesign of the waterline, electrical, roadway, and ponding basin is being
24 finalized by the Engineer of Record and geotechnical engineer; and

25
26 **WHEREAS**, in order to provide continuity of needed construction management services
27 until construction has been completed, GWA and GHD have negotiated a scope and fee of Two
28 Million One Hundred Eighteen Thousand Five Hundred Twenty-Three Dollars and Thirty-Six
29 Cents (\$2,118,523.36), (Exhibit C); and

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1 **WHEREAS**, GWA Management is seeking Two Million One Hundred Eighteen
2 Thousand Five Hundred Twenty-Three Dollars and Thirty-Six Cents (\$2,118,523.36), along with
3 a 10% contingency of Two Hundred Twenty-One Thousand Eight Hundred Fifty-Two Dollars
4 and Thirty-Four Cents (\$221,852.34) in additional funding to execute a contract modification to
5 continue construction management services for the three construction sites; and
6

7 **WHEREAS**, funding for this project will be from the Bond Funds under the line item
8 “PW 09-11 Water System Reservoirs 2005 Improvements.”
9

10 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
11 does hereby approve the following:
12

- 13 1. The recitals set forth above hereby constitute the findings of the CCU.
- 14 2. The CCU finds that the terms of the fee proposal submitted by GHD are fair
15 and reasonable.
- 16 3. The CCU hereby authorizes Two Million Three Hundred Forty Thousand
17 Three Hundred Seventy-Five Dollars and Seventy Cents (\$2,340,375.70) in
18 additional funding to bring the total authorized funding to Five Million Six
19 Hundred Fifty-Four Thousand Nine Hundred Forty-Seven Dollars and
20 Seventy-Eight Cents (\$5,654,947.78).
- 21 4. The CCU hereby authorizes the management of GWA the option to issue a
22 change order in the not-to-exceed amount of Two Million One Hundred
23 Eighteen Thousand Five Hundred Twenty-Three Dollars and Thirty-Six Cents
24 (\$2,118,523.36).
- 25 5. The CCU hereby authorizes the funding source to be from the bond funds
26 under CIP line-item PW 09-11: Water System Reservoirs 2005 Improvements.

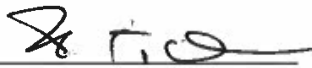
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1 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
2 of this Resolution.

3
4 **DULY AND REGULARLY ADOPTED**, this 26th day of July 2022.

5
6 Certified by:

Attested by:

7 

8 

9 **JOSEPH T. DUENAS**
10 Chairperson

MICHAEL T. LIMTIACO
Secretary

11 **SECRETARY'S CERTIFICATE**

12
13 I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on
14 Utilities as evidenced by my signature above do hereby certify as follows:

15
16 The foregoing is a full, true and accurate copy of the resolution duly adopted at a
17 regular meeting by the members of the Guam Consolidated Commission on Utilities,
18 duly and legally held at a place properly noticed and advertised at which meeting a
quorum was present and the members who were present voted as follows:

19 AYES: 3
20
21 NAYS: 0
22
23 ABSENT: 1
24
25 ABSTAIN: 0





CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

GWA RESOLUTION NO. 12-FY2023

RELATIVE TO APPROVAL OF ADDITIONAL FUNDING TO THE SANTA ROSA, SINIFA, AND SANTA RITA TANK AND SYSTEM UPGRADES CONSTRUCTION MANAGEMENT CONTRACT INCREASE

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA is currently working on critical reservoir projects at the GWA Santa Rosa, Sinifa, and Santa Rita reservoir sites under the 2011 Court Order (“CO”) Paragraph 29 – Storage Tank/Reservoir Repair, Replacement, and Relocation Program; and

WHEREAS, the CCU approved Resolution No. 13-FY2018 for Construction Management (CM) services on the construction projects at these sites, which authorized CM contract funding of Two Million Nine Hundred Seventy Seven Thousand Two Hundred Thirty Four Dollars and Sixty Nine Cents (\$2,977,234.69) along with a 10% contingency of Two Hundred Ninety Seven Thousand Seven Hundred Twenty Three Dollars and Forty Seven Cents (\$297,723.47) to bring the total authorized funding amount to a maximum of Three Million Two Hundred Seventy Four Thousand Nine Hundred Fifty-Eight Dollars and Sixteen Cents (\$3,274,958.16) (Exhibit A); and

WHEREAS, the CCU approved Resolution No. 32-FY2020 which authorized additional funding, due to construction permitting and archaeological delays, in the amount of Thirty Nine Thousand Six Hundred Thirteen Dollars and Ninety Two Cents (\$39,613.92) to supplement the available contingency of Two Hundred Ninety Seven Thousand Seven Hundred Twenty Three

1 Dollars and Forty Seven Cents (\$297,723.47) to fund Change Order No.1 in the amount of Three
2 Hundred Thirty Seven Thousand Three Hundred Thirty Seven Dollars and Thirty Nine Cents
3 (\$337,337.39), bringing the total authorized funding amount to Three Million Three Hundred
4 Fourteen Thousand Five Hundred Seventy Two Dollars and Eight Cents (\$3,314,572.08)
5 (Exhibit B); and

6
7 **WHEREAS**, the CCU approved Resolution No. 25-FY2022 which authorized additional
8 funding, due to delays by the impacts of the COVID-19 pandemic, global supply chain issues,
9 and a slope failure (landslide) event due to severe weather at the Santa Rita reservoir site, all of
10 which outside of the control on the Contractor and CM, in the amount of Two Million Three
11 Hundred Forty Thousand Three Hundred Seventy Five Dollars and Seventy Cents
12 (\$2,340,375.70), bringing the total authorized funding amount to Five Million Six Hundred Fifty
13 Four Thousand Nine Hundred Forty Seven Dollars and Seventy Eight Cents (\$5,654,947.78)
14 (Exhibit C).

15
16 **WHEREAS**, the Santa Rosa and Sinifa Reservoirs have been completed and placed
17 online in October 2022; and

18
19 **WHEREAS**, due to Santa Rita Reservoir pile foundation issues, potentially requiring
20 additional piles or a foundation shear ring wall, and redesign of the waterline, electrical,
21 roadway, and ponding basin due to the slope failure, the construction of the Santa Rita Reservoir
22 is projected to be fully completed in January 2024; and

23
24 **WHEREAS**, the Santa Rosa booster pump station construction will be extended to July
25 2023 due to the long lead supply of the booster pump and generator systems and associated
26 design changes; and

27
28 **WHEREAS**, in order to provide continuity of needed construction management services
29 until construction has been completed, GWA and GHD have negotiated a scope and fee not-to-
30 exceed the amount of Nine Hundred Fifty Five Thousand Six Hundred Thirty Six Dollars and
31 Fifteen Cents (\$955,636.15) (Exhibit D); and
32

1 **WHEREAS**, GWA Management is seeking the not-to-exceed amount of Nine Hundred
2 Fifty-Five Thousand Six Hundred Thirty-Six Dollars and Fifteen Cents (\$955,636.15) in
3 additional funding to execute a contract modification to continue construction management
4 services for the three construction sites; and

5
6 **WHEREAS**, funding for this project will be from the Bond Funds under the following
7 line item:

- 8 • PW 09-11 Water System Reservoirs 2005 Improvements

9
10 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
11 does hereby approve the following:

- 12 1. The recitals set forth above hereby constitute the findings of the CCU.
- 13 2. The CCU finds that the terms of the fee proposal submitted by GHD are fair
14 and reasonable.
- 15 3. The CCU hereby authorizes Nine Hundred Fifty-Five Thousand Six Hundred
16 Thirty-Six Dollars and Fifteen Cents (\$955,636.15) in additional funding to
17 bring the total authorized funding to Six Million Six Hundred Ten Thousand
18 Five Hundred Eighty-Three Dollars and Ninety-Three Cents (\$6,610,583.93).
- 19 4. The CCU hereby authorizes the management of GWA the option to issue a
20 contract modification in the not-to-exceed amount of Nine Hundred Fifty-Five
21 Thousand Six Hundred Thirty-Six Dollars and Fifteen Cents (\$955,636.15)
22 (Exhibit D).
- 23 5. The CCU hereby authorizes the funding source to be from the bond funds
24 under CIP line item PW 09-11: Water System Reservoirs 2005 Improvements.
25

26
27 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
28 of this Resolution.

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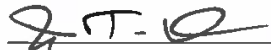
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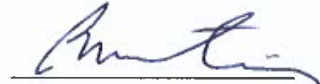
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DULY AND REGULARLY ADOPTED, this 21st day of February 2023.

Certified by:

Attested by:


JOSEPH T. DUENAS
Chairperson


PEDRO ROY MARTINEZ
Secretary

SECRETARY'S CERTIFICATE

I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES:	<u>5</u>
NAYS:	<u>0</u>
ABSENT:	<u>0</u>
ABSTAIN:	<u>0</u>

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865 South Marine Corps Drive, Suite 202B
Tamuning, Guam 96913
United States
www.ghd.com

Your ref: W14-007-BND

Our ref: 11136961

14 November 2023

Mr. Jeanet Babauta Owens
Assistant General Manager, Engineering
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

Change Order Request #4 – Additional Professional Engineering Services for Santa Rita Landslide – Northern and Southern Guam Reservoirs (Santa Rosa, Sinifa, and Santa Rita)

Dear Ms. Owens:

GHD is pleased to submit this proposal to the Guam Waterworks Authority (GWA) to provide requested professional engineering services in support of a solution to the slope failure that occurred during construction at the Santa Rita Reservoir. GHD proposes to continue our engagement of ENGEO as a subconsultant subject matter expert to assist with the geologic and geotechnical engineering services related to measures that may be implemented to stabilize the existing landslide area. ENGEO has been supporting the efforts to monitor and characterize the Santa Rita Reservoir landslide, including assisting with geotechnical exploration, reporting and preliminary recommendations.

This proposal also includes additional construction management (CM) and inspection budget related to the ongoing and upcoming work at the Santa Rosa and Sinifa Reservoir sites. Additional budget is included for ongoing CM services associated with delays in construction completion. These delays have resulted in additional CM, inspection and contract administration costs incurred by GWA. The costs, which were outlined in a letter to the Contractor on November 13, 2023, are proposed to be recovered through either a deductive change order or reduction in payment. Additional budget is also included for the upcoming steel reservoir rehabilitation work at the Santa Rosa and Sinifa Reservoir sites.

Scope of Services

GHD's proposed scope of services is summarized in the tasks described below.

Task 1. Ongoing CM Services for Santa Rosa and Sinifa Reservoirs

GHD's current contract for CM, inspection and Quality Assurance (QA) services is scheduled to be completed at the end of Calendar Year 2023, with additional budget for contract close-out and electrical testing. This schedule was established based on the Contractor's March 16, 2023 schedule, which showed that Final Completion of the Sinifa Reservoir would be on June 27, 2023 and the Santa Rosa Reservoir would be on

November 7, 2023. Change Order #5 revised these dates forward by 8 calendar days. AIC provided a revised schedule on September 30, 2023 which showed Final Completion of the Sinifa Reservoir revised to be on January 29, 2024 and the Santa Rosa Reservoir on May 27, 2024. While we expect to be able to continue serving the project with our current budget through the middle of January 2024 without incurring financial hardship, additional budget would be needed to complete the project. GHD issued a letter to the Contractor on November 13, 2023 notifying them that based on their revised September 2023 schedule, GWA is establishing a deadline of January 14, 2024 for the Final Completion at both reservoir sites. Starting January 14, 2024, the cost of ongoing CM, inspection, and administrative services will be charged to AIC. Table 1 below summarizes the costs which will be assessed based on AIC’s revised Final Completion dates in the September 2023 schedule. These costs are based on half-time CM and inspection services, excludes electrical inspections, and includes GRT. The assessment assumes work requiring inspection occurs during weekdays only and excludes GWA holidays and weekends. Any work approved to occur during weekends which requires inspection and any additional extensions of the Final Completion dates by AIC will incur an additional assessment at the Table 1 rate. Any differences based on earlier or later completion will be assessed in a subsequent change order.

Table 1. Summary of estimated costs for ongoing CM, inspection, and administration services for Santa Rosa and Sinifa Reservoirs.

Reservoir Site	Begin Assessment Date	Final Completion Date	Working Days	Daily Cost Incurred	Total Cost Incurred
Santa Rosa	January 14, 2024	May 27, 2024	105	\$2,652.30	\$278,491.50
Sinifa	January 14, 2024	January 29, 2024	12	\$2,652.30	\$31,827.60

Task 2. CM Services for Santa Rosa and Sinifa Steel Reservoirs Rehabilitation

GWA intends to award a CO to the Contractor for the rehabilitation of the existing Santa Rosa and Sinifa steel Reservoirs. The steel reservoir rehabilitation design was prepared by a different Engineer of Record (EOR) from the pre-stressed concrete reservoirs. Because of GHD’s continuous presence at the reservoir sites, knowledge of the project and working relationships with the Contractor, Engineer of Record (EOR) and other stakeholders, GWA requests to retain GHD to provide ongoing CM, inspection, and contract administration (CA) services. GWA intends to retain the Engineer of Record (EOR) to provide structural steel and welding special inspections. GHD proposes to provide one (1) full-time inspector/field engineer/CM, 1/4 time CA and 1/4 time Resident Engineer (RE) to provide contract oversight. GHD will continue to utilize Procure for this additional contract work, and to manage project records in a similar manner to the current contract. The estimated construction duration is one calendar year. Table 2 below summarizes the proposed budget allocation for these services, including labor, expenses and GRT.

Table 2. Summary of estimated cost for CM, inspection, and administration services for Santa Rosa and Sinifa Reservoir Rehabilitation.

Position	Status	Hourly Rate	Hours per Month	Monthly Cost
CM/Field Engineer/Inspector	Full Time	\$130.00	160	\$20,800.00
Administrator	Quarter Time	\$90.00	40	\$3,600.00
RE	Quarter Time	\$165.00	40	\$6,600.00
Expenses				\$2,000.00
		Monthly Total		\$33,000.00
		Annual Total		\$396,000

		Annual GRT (5.25%)	\$20,790.00
		1 Year Total	\$416,790.00

Task 3. Santa Rita Landslide Geotechnical Engineering and Engineering Geology Services

Task 3.1. As-Needed Engineering Consultation Support

Our proposed scope of services is to continue our engagement of ENGEO to support GWA in the review of alternatives prepared by the Engineer of Record (EOR) and Geotechnical Engineer of Record (GEOR), review their calculations, attend meetings, and provide written feedback and comments for their consideration and GWA’s consideration. We have also included two additional tasks to develop a conceptual landslide remediation design and prepare a detailed landslide remediation design. We estimate up to 30 hours of Principal Engineer/Construction Manager time with a budget allowance of \$23,300 inclusive of ENGEO’s services and GRT.

Task 3.2. Supplemental Geotechnical Exploration and Conceptual Design Development

In this task, GHD will continue engagement with ENGEO to perform supplemental geotechnical exploration of the landslide area, prepare a geotechnical investigation report and develop conceptual design documents and an opinion of probable construction cost for the recommended remediation solution. This task assumes that the recommended solution is an earthwork grading and drainage remediation option, which was previously presented to and discussed with GWA.

Task 3.2.1. Supplemental Geotechnical Investigation

GHD will engage ENGEO to perform a supplemental field investigation consisting of exploratory borings in the landslide area and laboratory testing to characterize the landslide depth and geotechnical strength parameters for concept design of the landslide area stabilization. This concept considers an earthwork remedial grading and drainage repair alternative. Two (2) exploratory borings will be permitted and drilled within landslide area, extending to depths ranging from 50 to 70 feet below ground surface, which is anticipated to extend below the slip plane. Selected soil samples will be obtained and tested in the laboratory for geotechnical index properties and shear strength characterization of landslide. ENGEO will prepare a model and perform a slope stability analysis to evaluate design remediation. Recommendations will be developed for the landslide repair grading solution. The recommendations will be provided in a geotechnical and engineering geologic design report including findings, conclusions, and recommendations for the landslide area earthwork grading and drainage remediation alternative.

Deliverables:

- Draft and Final Geotechnical and Engineering Geologic Design Report (2 hard copies and PDF)

Task 3.2.2. Prepare Conceptual Landslide Remediation Design (30%)

Based on findings Task 3.2.1, GHD will coordinate with ENGEO to prepare a conceptual design package consisting of plans, details, notes, outline specifications and opinion of probable construction cost for an earthwork remedial grading and drainage repair alternative. Working with ENGEO, GHD will prepare conceptual design package at a 30 percent design level. The design will rely on existing survey data collected for the current reservoir design and supplement with additional survey data following development of the

landslide. The opinion of probable construction cost will be a Class 4/5 estimate in accordance with the AACE International Cost Estimate Classification System. All costs will be in current dollars and escalated to the estimated midpoint of construction based on the current Consumer Price Index (CPI) or other appropriate rate. Following submittal of the conceptual design package, GHD and ENGEO will meet with GWA to review the submittal discuss comments and consider next steps for preparation of final design documents.

Deliverables:

- a. Conceptual (30%) Design Plans, Outline Specifications and Opinion of Probable Construction Cost (2 hard copies). Plan submittal shall consist of 2 sets of 11"x17" sized drawings if requested and PDF.

Task 3.3. Prepare Final Landslide Remediation Design

Following completion of the conceptual design submittal, GHD will advance the design to final plans, technical specifications, and an opinion of probable construction cost. We propose to complete the design in two submittals at the 90% (pre-final) and final (100%) stages for bidding.

Task 3.3.1. 90% Landslide Remediation Design

Following completion of the conceptual (30%) design and GWA approval to proceed with final design, GHD will prepare the pre-final design package (90%) including design plans, details, notes, technical specifications and updated opinion of probable construction cost for the landslide area grading and drainage remediation solution. The opinion of probable construction cost will be advanced to a Class 3 estimate in accordance with the AACE International Cost Estimate Classification System. All costs will be in current dollars and escalated to the estimated midpoint of construction based on the current Consumer Price Index (CPI) or other appropriate rate. The design will be prepared in close coordination with ENGEO and will undergo a review by the Geotechnical Engineer/Engineering Geologist of Record for general compliance with the recommendations provided in the Geotechnical and Engineering Geologic Design Report (Task 3.2.1). The pre-final submittal will be provided to GWA for review and comment. GHD and ENGEO will meet with GWA to review the design and discuss comments before proceeding to final design.

Deliverables:

- Pre-final (90%) Design Plans, Technical Specifications and Opinion of Probable Construction Cost (2 hard copies). Plan submittal shall consist of 2 sets of 11"x17" sized drawings if requested and PDF.

Task 3.3.2. Final (100%) Landslide Remediation Design

Addressing comments received on the 90% submittal, GHD will prepare the final (100%) submittal package consisting of plans, technical specifications, and an opinion of probable construction cost for construction bidding for landslide earthwork grading and drainage remediation. The opinion of probable construction cost will be a Class 1/2 estimate in accordance with the AACE International Cost Estimate Classification System. All costs will be in current dollars and escalated to the estimated midpoint of construction based on the current Consumer Price Index (CPI) or other appropriate rate.

Deliverables:

- Final (100%) Design Plans, Technical Specifications and Opinion of Probable Construction Cost (2 hard copies). Plan submittal shall consist of 2 sets of 11"x17" sized drawings if requested and PDF. Original CAD files and MS Word technical specifications will also be provided.

CLARIFICATIONS AND ASSUMPTIONS

1. Tasks 3.2 and 3.3 assume that the recommended solution is an earthwork grading and drainage remediation option, which was previously presented to and discussed with GWA.
2. Scope of Services does not include bid support, construction engineering or construction management services.
3. Archaeological surveys and reviews, environmental, construction permitting, biological surveys, and UXO services are excluded. These services can be provided on a lump sum or time-and-material basis from an estimated budget as they are determined to be required by GWA, GHD or other agencies.
4. Property investigation, appraisals, boundary surveys, and preparation of plats and legal descriptions for additional right-of-way or utility easements are excluded. These services can be provide on a lump sum or time-and-material basis from an estimated budget as they are determined to be required by GWA, GHD or other agencies.
5. Utility locating and ground penetrating radar services are excluded. These services can be provided on a lump sum or time-and-material basis from an estimated budget as they are determined to be required by GWA, GHD or other agencies.
6. It is assumed that a topographic survey is not required and that the design team will rely on previously provided surveys of the landslide area for design.
7. It is assumed that the Contractor will prepare the construction permit applications, route the permit applications through the required government agencies, and pay permit fees.
8. Budget is not included for GHD to revise or update bid packages that have expired due to a delay in bid advertisement.

Cost Proposal

GHD proposes to complete the above scope of services on a lump sum task basis as authorized by GWA in accordance with the summary of costs in Table 3 below, which are inclusive of labor, expenses, subconsultants and GRT.

Table 3. Summary of cost proposal.

Task	Fee
Task 1.1. Ongoing CM Services for Santa Rosa Reservoir	\$278,491.50
Task 1.2. Ongoing CM Services for Sinifa Reservoir	\$31,827.60
Task 2. CM Services for Santa Rosa and Sinifa Steel Reservoir Rehabilitation	\$416,790.00
Task 3 Santa Rita Landslide Geotechnical Engineering and Engineering Geology Services	
Task 3.1. As-Needed Engineering Consultation Support	\$23,300.00
Task 3.2.1. Supplemental Geotechnical Investigation	\$70,615.00
Task 3.2.2. Prepare Conceptual Landslide Remediation Design (30%)	\$45,535.00