



Item No.	Description	Quantity	Unit	Extended Amount
5.	<u>Item 5 (Cont.)</u>			
	5.19 SCADA, instrumentation and controls	1	LS	\$ 104,879.00
	5.20 Commissioning	1	LS	\$ 11,654.00
	5.21 Site and pavement restoration	1	LS	\$ 53,504.00
	Subtotal	1	LS	\$ 795,984.00
6.	Okkodo PRV:			
	6.1 Traffic control	1	LS	\$ 19,724.00
	6.2 Meter vault	1	LS	\$ 49,997.00
	6.3 20" meter	1	LS	\$ 16,090.00
	6.4 Meter piping and connections	1	LS	\$ 155,708.00
	6.5 8" PRV	1	LS	\$ 5,134.00
	6.6 10" PRV	1	LS	\$ 7,924.00
	6.7 12" PRV	1	LS	\$ 10,654.00
	6.8 PRV piping and connections	1	LS	\$ 61,920.00
	6.9 PRV vault cover and hatch	1	LS	\$ 28,690.00
	6.10 Electrical system	1	LS	\$ 55,355.00
	6.11 SCADA, instrumentation and controls	1	LS	\$ 70,885.00
	6.12 Commissioning	1	LS	\$ 11,733.00
	6.13 Site and pavement restoration	1	LS	\$ 7,388.00
	Subtotal	1	LS	\$ 501,202.00
7.	Ysengsong PRV:			
	7.1 Potholing	1	LS	\$ 84,048.00
	7.2 Traffic control	1	LS	\$ 33,283.00
	7.3 Abandonment of pipe	1	LS	\$ 3,314.00
	7.4 Vault	1	LS	\$ 75,716.00
	7.5 6" PRV	1	LS	\$ 9,221.00
	7.6 10" PRV	1	LS	\$ 16,466.00
	7.7 10" meter	1	LS	\$ 10,857.00
	7.8 Piping and connections	1	LS	\$ 149,000.00
	7.9 Electrical system	1	LS	\$ 47,927.00
	7.10 SCADA, instrumentation and controls	1	LS	\$ 77,859.00
	7.11 Commissioning	1	LS	\$ 8,651.00
	7.12 Site and pavement restoration	1	LS	\$ 93,265.00
	Subtotal	1	LS	\$ 609,607.00

Item No.	Description	Quantity	Unit	Extended Amount
8.	Clara PRV:			
8.1	Potholing	1	LS	\$ 121,682.00
8.2	Traffic control	1	LS	\$ 21,457.00
8.3	Abandonment of pipe	1	LS	\$ 2,870.00
8.4	Vault	1	LS	\$ 38,807.00
8.5	6" PRV	1	LS	\$ 18,000.00
8.6	10" PRV	1	LS	\$ 48,615.00
8.7	10" meter	1	LS	\$ 10,857.00
8.8	Piping and connections	1	LS	\$ 53,347.00
8.9	Electrical system	1	LS	\$ 55,663.00
8.10	SCADA, instrumentation and controls	1	LS	\$ 76,201.00
8.11	Commissioning	1	LS	\$ 8,467.00
8.12	Site and pavement restoration	1	LS	\$ 35,865.00
	Subtotal	1	LS	\$ 491,831.00
9.	Kaiser:			
9.1	Potholing	1	LS	\$ 9,254.00
9.2	Traffic control	1	LS	\$ 40,851.00
9.3	Meter vaults	2	LS	\$ 33,941.00
9.4	12" meter	2	LS	\$ 33,681.00
9.5	Bypass PRV vault	1	LS	\$ 36,238.00
9.6	Bypass 12" PRV	1	LS	\$ 76,327.00
9.7	Kaiser PRV vault	1	LS	\$ 63,718.00
9.8	Kaiser 6" PRV	1	LS	\$ 18,378.00
9.9	Kaiser 10" PRV	1	LS	\$ 72,498.00
9.10	Kaiser 10" meter	1	LS	\$ 21,611.00
9.11	Piping and connections	1	LS	\$ 335,576.00
9.12	Replace meters	3	LS	\$ 43,022.00
9.13	Control building	1	LS	\$ 23,537.00
9.14	Fencing	1	LS	\$ 6,838.00
9.15	Electrical system	1	LS	\$ 127,120.00
9.16	SCADA, instrumentation and controls	1	LS	\$ 92,623.00
9.17	Commissioning	1	LS	\$ 10,365.00
9.18	Site and pavement restoration	1	LS	\$ 157,146.00
9.19	Property boundary survey sketch	1	LS	\$ 5,687.00
	Subtotal	1	LS	\$ 1,208,411.00
10.	Astumbo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 85,990.00
11.	Yigo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 92,529.00



Item No.	Description	Quantity	Unit	Extended Amount
12.	Terao PRV (Additive Bid Item):			
10.1	Traffic control	1	LS	\$ 28,097.00
10.2	Meter vault	1	LS	\$ 33,820.00
10.3	20" Meter	1	LS	\$ 37,949.00
10.4	PRV vault	1	LS	\$ 61,228.00
10.5	6" PRV	1	LS	\$ 18,527.00
10.6	12" PRV	1	LS	\$ 31,942.00
10.7	Piping and connections	1	LS	\$ 129,532.00
10.8	Demolish vault and piping	1	LS	\$ 15,599.00
10.9	Electrical system	1	LS	\$ 113,789.00
10.10	SCADA, instrumentation and controls	1	LS	\$ 80,877.00
10.11	Commissioning	1	LS	\$ 12,843.00
10.12	Site and pavement restoration	1	LS	\$ 95,113.00
	Subtotal	1	LS	\$ 659,316.00
13.	Maimai PRV (Additive Bid Item):			
11.1	Traffic control	1	LS	\$ 15,387.00
11.2	Meter vault	1	LS	\$ 42,033.00
11.3	10" Meter	1	LS	\$ 36,043.00
11.4	Meter piping and connections	1	LS	\$ 14,101.00
11.5	4" PRV	1	LS	\$ 4,867.00
11.6	10" PRV	1	LS	\$ 11,742.00
11.7	PRV piping and connections	1	LS	\$ 22,915.00
11.8	Electrical system	1	LS	\$ 64,070.00
11.9	SCADA, instrumentation and controls	1	LS	\$ 78,620.00
11.10	Commissioning	1	LS	\$ 12,592.00
11.11	Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00
Table A Base Bid Subtotal				\$ 4,120,000.00
Table A Additive Bid Subtotal				\$ 962,000.00
Table A Base Bid and Additive Bid Total				\$ 5,082,000.00



TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lump sum of
\$ 4,120,000.00

(Price in Figures)

FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

(Price in Words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.



Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
 - A. Required Bid security in the form of BID BOND.
 - B. List of Proposed Major Suppliers;
 - C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

- 9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): N/A

By: N/A
(Individual's signature)

Doing business as: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Partnership

Partnership Name: N/A (SEAL)

By: N/A
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

A Corporation

Corporation Name: SUMITOMO MITSUI CONSTRUCTION CO., LTD

State of Incorporation: JAPAN

Type (General Business, Professional, Service, other): GENERAL CONTRACTOR/ CONSTRUCTION

By: [Signature]
(Signature - attach evidence of authority to sign)

Name (typed or printed): TAKEYUKI SHIINO

Title: GENERAL MANAGER

Attest [Signature] (CORPORATE SEAL)
Admin. Manager
(Signature of Corporate Secretary)

Business address: PO BOX 9670 TAMUNING, GUAM 96931

PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. HARMON INDUSTRIAL, HARMON, GUAM, 96913

Phone: (671) 649-7521 to 24 Facsimile: (671) 649-7550

E-mail address: tkshiino@smcon.co.jp

A Limited Liability Company (LLC)

LLC Name: N/A

State in which organized: N/A

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Joint Venture

First Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Second Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: N/A

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)



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. 40-FY2020

RELATIVE TO APPROVING AN INCREASE IN FUNDING FOR THE PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I PROJECT

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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 currently has a number of critical projects as part of GWA’s Capital Improvement Plan, including the installation (i.e. repair, rehabilitation, replacement, relocation, or development) of pressure regulating or sustaining valves and their appurtenances, as stated in GWA’s Master Plan developed by Brown and Caldwell; and

WHEREAS, GWA has advertised an Invitation for Bid (IFB-07-ENG-2019) soliciting bid proposals from experienced, responsible, and responsive bidders to rehabilitate existing and/or construct new pressure reducing valves (PRV), vaults, control buildings, install SCADA connections, and off-site work at 7 sites in the Base Bid and to construct the 2 additional PRV sites in the Additive Bid; and

WHEREAS, Resolution No. 11-FY2020 (See Exhibit A- Resolution No. 11-FY2020) approved GWA to award the contract to Sumitomo Mitsui Construction Co., LTD for the Base Bid proposal; and

1 **WHEREAS**, in accordance with the Master Plan, GWA has executed a construction
2 contract with Sumitomo Mitsui Construction Co., LTD for the Base Bid work to address the
3 following:

- 4 1. The construction of the new Carnation PRVs to replace the existing PRVs and new
5 control building; and
- 6 2. The construction of the new Marbo PRV; and
- 7 3. The construction of the new Okkodo PRV to replace the existing PRV and new
8 control pedestal; and
- 9 4. The construction of the new Ysengsong PRV; and
- 10 5. The construction of the new Clara PRV; and
- 11 6. The construction of the new Kaiser Bypass PRV and new control building, and
12 installation of new inlet and outlet meters for Kaiser Reservoir; and
- 13 7. The construction of the new Kaiser PRV; and
- 14 8. The construction and installation of electrical interconnections and SCADA at Yigo
15 and Astumbo Reservoirs; and

16
17 **WHEREAS**, GWA seeks to issue a contract modification with Sumitomo Mitsui Co., LTD
18 for portions of the Additive Bid work as noted in the Bid Schedule Table A – Additive Bid (see
19 Exhibit B – Bid Form) to construct two additional PRV locations (Maimai PRV(s) and Terao
20 PRV(s)) for the amount of Nine Hundred Sixty-Two Thousand Dollars (\$962,000.00); and

21
22 **WHEREAS**, the contract modification work shall consist of Bid Schedule Table A – Items
23 No. 12 and 13, described below:

- 24 1. Contractor furnishing all labor, tools, equipment and material necessary to
25 complete the construction of Terao PRV(s) and Maimai PRV(s) to include but not
26 be limited to: traffic control, demolition of current vaults and piping, construction
27 and installation of meter vault(s) and meter device(s) with all necessary piping and
28 appurtenances, construction and installation of PRV vault(s) and PRV(s) with all
29 necessary appurtenances, installation of electrical systems and SCADA
30 instrumentation, and site and pavement restoration under the provision of the bid
31 documents and in accordance with applicable GWA standards; and

1 **WHEREAS**, the current contract awarded to Sumitomo Mitsui Construction Co., LTD is
2 in the amount of Four Million One Hundred Twenty Thousand Dollars (\$4,120,000.00), along
3 with a 10% percent contingency of Four Hundred Twelve Thousand Dollars (\$412,000.00),
4 bringing the total authorized funding for the awarded Base Bid work to Four Million Five Hundred
5 Thirty Two Thousand Dollars (\$4,532,000.00); and

6
7 **WHEREAS**, GWA management seeks CCU approval for an additional Five Hundred Fifty
8 Thousand Dollars (\$550,000.00) needed to augment the existing contingency of Four Hundred
9 Twelve Thousand Dollars (\$412,000.00) to award the additive bid of Nine Hundred Sixty-Two
10 Thousand Dollars (\$962,000.00), along with a revised contingency of Four Hundred Sixty Seven
11 Thousand Dollars (\$467,000.00), bringing the total authorized funding for the awarded Base Bid
12 and Additive Bid work with contingencies to Five Million Five Hundred Forty-Nine Thousand
13 Dollars (\$5,549,000.00);

14
15 **WHEREAS**, the funding sourced for the construction project will be from bond and grant
16 funds as detailed in the following CIP line items:

- 17 • CIP PW 12-01: Water Audit Program
- 18 • CIP PW 05-16: Master Metering Program
- 19 • Grant (USEPA)
- 20

21 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
22 does hereby approve and authorize the following:

- 23
- 24
- 25 1. The recitals set forth above hereby constitute the findings of the CCU.
- 26 2. The CCU finds that the terms of the bid proposal submitted by Sumitomo Mitsui
27 Construction Co., LTD. are fair and reasonable.
- 28 3. The CCU hereby authorizes the management of GWA to accept the Table A
29 Additive bid from Sumitomo Mitsui Construction Co., LTD. attached hereto as
30 Exhibit B, and which is also incorporated into this Resolution in its entirety.
- 31 4. The CCU hereby authorizes the management of GWA to execute a contract
32 change order with Sumitomo Mitsui Construction Co., LTD. in the amount of

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Nine Hundred Sixty-Two Thousand Dollars (\$962,000.00) bringing the total contract amount to Five Million Eighty-Two Thousand Dollars (\$5,082,000.00).

- 5. The CCU hereby approves the revised total of Five Million Five Hundred Forty-Nine Thousand Dollars (\$5,549,000.00), which includes a revised contingency of Four Hundred Sixty-Seven Thousand Dollars (\$467,000.00), in authorized funding for the awarded Base Bid and Additive Bid work.
- 6. The CCU hereby approves the use of funding sources from the following CIP line items:
 - a. CIP PW 12-01: Water Audit Program
 - b. CIP PW 05-16: Master Metering Program
 - c. Grant (USEPA)

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

DULY AND REGULARLY ADOPTED, this 22nd day of September 2020.

Certified by:

Attested by:



JOSEPH T. DUENAS
Chairperson

MICHAEL T. LIMTIACO
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: 4
NAYS: 0
ABSENT: 1 @
ABSTAIN: 0

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EXHIBIT A



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. 11-FY2020

**RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE
PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1 PROJECT**

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 currently has a number of critical projects as part of GWA’s Capital Improvement Plan, including the installation (i.e. repair, rehabilitation, replacement, relocation, or development) of pressure regulating or sustaining valves and their appurtenances, as stated in GWA’s Water Resources Master Plan (Master Plan); and

WHEREAS, the completion of these improvements will contribute to GWA’s efforts to control and reduce water losses through the improvement in service area pressures, thereby reducing background leaks by providing appropriate system pressures; and

WHEREAS, in accordance with the Master Plan, GWA intends to execute a construction project to address the following:

1. The construction of the new control building and new Carnation PRVs to replace the existing PRVs; and
2. The construction of the new Marbo PRV; and
3. The construction of the new control pedestal and new Okkodo PRV to replace the existing PRV; and
4. The construction of the new Ysengsong PRV; and

- 1 5. The construction of the new Clara PRV; and
- 2 6. The construction of the new Kaiser Bypass PRV and new control building, and
- 3 installation of new inlet and outlet meters for Kaiser Reservoir; and
- 4 7. The construction of the new Kaiser PRV; and

5
6 **WHEREAS**, GWA has advertised an Invitation for Bid (IFB-07-ENG-2019) soliciting bid
7 proposals from experienced, responsible, and responsive bidders to rehabilitate existing and/or
8 construct new pressure reducing valves (PRV), vaults, control buildings, install SCADA
9 connections, and off-site work at seven (7) sites in the Base Bid and to construct the two (2)
10 additional PRV sites in the Additive Bid; and

11
12 **WHEREAS**, the Base Bid work consists of the Contractor furnishing all labor, tools,
13 equipment and materials necessary to complete the construction of the Pressure Zone Realignment
14 Phase I work to include, but not be limited to earthwork, pipework, roadway repair, PRVs, concrete
15 work, electrical work, fences and gates, SCADA, testing and start-up under the provisions of the
16 bid documents and in accordance with applicable GWA standards; and

17
18 **WHEREAS**, IFB packages were picked up by seven (7) interested parties, from which
19 GWA received bid proposals from two (2) of the seven (7) parties before the bid proposal deadline
20 (See Exhibit A – Abstract of Bids); and

21
22 **WHEREAS**, GWA engineering team analyzed all bid proposals received on November
23 22, 2019 and determined Sumitomo Mitsui Construction Co., LTD. as being the lowest responsive
24 and responsible bidder and met all the bid requirements set forth by GWA; and

25
26 **WHEREAS**, GWA Management finds that Sumitomo Mitsui Construction Co., LTD.'s
27 Base Bid proposal of Four Million One Hundred Twenty Thousand Dollars (\$4,120,000.00) to be
28 acceptable (See Exhibit B – Bid Form); and

29
30 **WHEREAS**, GWA Management will assess any additional funding availability from the
31 latest Capital Improvements Plan to ascertain if any or all the Additive bid items as part of this
32

1 IFB can be awarded later through a change order or via a subsequent CCU approval as a means of
2 maximizing system improvements efficiently; and

3
4 **WHEREAS**, GWA Management is seeking approval to enter into contract for the Base
5 Bid work with Sumitomo Mitsui Construction Co., LTD (IFB-07-ENG-2019) in the amount of
6 Four Million One Hundred Twenty Thousand Dollars (\$4,120,000.00), along with a ten percent
7 (10%) contingency of Four Hundred Twelve Thousand Dollars (\$412,000.00), bringing the total
8 requested funding amount to Four Million Five Hundred Thirty-Two Thousand Dollars
9 (\$4,532,000.00); and

10
11 **WHEREAS**, the funding sourced for the construction project will be from bond and grant
12 funds as detailed in the following CIP line items:

- 13 • CIP PW 12-01: Water Audit Program
- 14 • CIP PW 05-16: Master Metering Program
- 15 • Grant (USEPA)

16
17 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
18 does hereby approve and authorize the following:

- 19 1. The recitals set forth above hereby constitute the findings of the CCU.
- 20 2. The CCU finds that the terms of the bid proposal submitted by Sumitomo Mitsui
21 Construction Co., LTD. are fair and reasonable.
- 22 3. The CCU hereby authorizes the management of GWA to accept the bid from
23 Sumitomo Mitsui Construction Co., LTD. attached hereto as Exhibit B, and
24 which is also incorporated into this Resolution in its entirety.
- 25 4. The CCU hereby authorizes the management of GWA to enter into a contract
26 with Sumitomo Mitsui Construction Co., LTD. in the amount of Four Million
27 One Hundred Twenty Thousand Dollars (\$4,120,000.00).
- 28 5. The CCU hereby approves the funding total of Four Million One Hundred
29 Twenty Thousand Dollars (\$4,120,000.00), along with a ten percent (10%)
30 contingency of Four Hundred Twelve Thousand Dollars (\$412,000.00),
31 bringing the total authorized funding amount to Four Million Five Hundred
32 Thirty-Two Thousand Dollars (\$4,532,000.00).

**GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS**



Project Name: **PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I**
Project Number: **W18-001-BND**

Bid Opening Date: **November 22, 2019**
Time: **3:00 PM**

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										BID AMOUNT				
			Qualification Statement	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage and Benefit Determination	Major Shareholder Affidavit	Special Provisions to Bidders	Addendum				TABLE A BASE BID	TABLE A ADDITIVE BID	TABLE A BASE + ADDITIVE
											1	2	3	4			
1.	KORANDO CORPORATION	---															
2.	IAN CORPORATION	---															
3.	SUMITOMO-MITSUI CONSTRUCTION CO.	FEDERAL INSURANCE COMPANY 15% OF ACCOMPANYING BID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$4,120,000	\$ 962,000	\$ 5,082,000	
4.	GENERAL + PLUMBING	---															
5.	AIC INTERNATIONAL INC.	FIDELITY + DEPOSIT COMPANY OF MARYLAND 15% OF ACCOMPANYING BID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$5,494,376.50	\$1,711,160.94	\$ 7,205,537.44	
6.	FRONTIER SUPPLY	---															
7.	AMERICAN INTERNATIONAL SUPPLY, INC.	---															
	GWA Estimate													\$4,148,360	\$845,640	\$ 4,994,000	

Bids Opened and Read by:


GLORIA P. BENSAN
(Name and Signature)

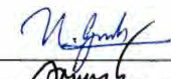
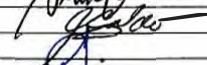

Tabulated By:


JESSE MENDIOLA
(Name and Signature)

GWA Procurement Representative:


ROLAND F. LUMONGSOO
(Name and Signature)

Witnesses:



William F. Esteve



BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

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

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
ADDENDUM NO. 01	OCTOBER 25, 2019
ADDENDUM NO. 02	NOVEMBER 8, 2019
ADDENDUM NO. 03	NOVEMBER 12, 2019
ADDENDUM NO. 04	NOVEMBER 15, 2019

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.



- D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.
- E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
- F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

EXHIBIT B

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):



**GUAM WATERWORKS AUTHORITY
PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1
GWA Project No. W18-001-BND**

BID SCHEDULE

Interested Bidders must complete Table A. All blanks in the tables must be filled out.

Definitions:

LS = lump sum

**TABLE A
BID SCHEDULE**

**(BASE BID ITEMS NO. 1 - 9)
(ADDITIVE BID ITEMS NO 10-11)**

Item No.	Description	Quantity	Unit	Extended Amount
1.	Mobilization, as specified in the Contract Documents.	1	LS	\$ 95,487.00
2.	Bonds and insurance.	1	LS	\$ 178,861.00
3.	Permits.	1	LS	\$ 56,544.00
4.	Training.	1	LS	\$ 3,554.00
5.	Carnation PRVs:			
5.1	Potholing	1	LS	\$ 3,661.00
5.2	Traffic control	1	LS	\$ 43,781.00
5.3	Marbo vault	1	LS	\$ 38,935.00
5.4	Marbo 6" PRV	1	LS	\$ 39,105.00
5.5	Marbo 6" meter	1	LS	\$ 7,033.00
5.6	Marbo piping and connections	1	LS	\$ 17,429.00
5.7	PRV 11 12" PRV	1	LS	\$ 12,444.00
5.8	PRV 11 12" check valves	2	LS	\$ 15,546.00
5.9	PRV 11 piping and connections	1	LS	\$ 53,559.00
5.10	PRV 15 4" PRV	1	LS	\$ 3,200.00
5.11	PRV 15 10" PRV	1	LS	\$ 8,230.00
5.12	PRV 15 12" check valve	1	LS	\$ 14,161.00
5.13	PRV 15 piping and connections	1	LS	\$ 41,083.00
5.14	Replace meters	3	LS	\$ 60,173.00
5.15	Carnation piping and connections	1	LS	\$ 40,626.00
5.16	Control building	1	LS	\$ 29,372.00
5.17	Fencing	1	LS	\$ 8,705.00
5.18	Electrical system	1	LS	\$ 188,904.00



Item No.	Description	Quantity	Unit	Extended Amount
5.	<u>Item 5 (Cont.)</u>			
	5.19 SCADA, instrumentation and controls	1	LS	\$ 104,879.00
	5.20 Commissioning	1	LS	\$ 11,654.00
	5.21 Site and pavement restoration	1	LS	\$ 53,504.00
	Subtotal	1	LS	\$ 795,984.00
6.	Okkodo PRV:			
	6.1 Traffic control	1	LS	\$ 19,724.00
	6.2 Meter vault	1	LS	\$ 49,997.00
	6.3 20" meter	1	LS	\$ 16,090.00
	6.4 Meter piping and connections	1	LS	\$ 155,708.00
	6.5 8" PRV	1	LS	\$ 5,134.00
	6.6 10" PRV	1	LS	\$ 7,924.00
	6.7 12" PRV	1	LS	\$ 10,654.00
	6.8 PRV piping and connections	1	LS	\$ 61,920.00
	6.9 PRV vault cover and hatch	1	LS	\$ 28,690.00
	6.10 Electrical system	1	LS	\$ 55,355.00
	6.11 SCADA, instrumentation and controls	1	LS	\$ 70,885.00
	6.12 Commissioning	1	LS	\$ 11,733.00
	6.13 Site and pavement restoration	1	LS	\$ 7,388.00
	Subtotal	1	LS	\$ 501,202.00
7.	Ysengsong PRV:			
	7.1 Potholing	1	LS	\$ 84,048.00
	7.2 Traffic control	1	LS	\$ 33,283.00
	7.3 Abandonment of pipe	1	LS	\$ 3,314.00
	7.4 Vault	1	LS	\$ 75,716.00
	7.5 6" PRV	1	LS	\$ 9,221.00
	7.6 10" PRV	1	LS	\$ 16,466.00
	7.7 10" meter	1	LS	\$ 10,857.00
	7.8 Piping and connections	1	LS	\$ 149,000.00
	7.9 Electrical system	1	LS	\$ 47,927.00
	7.10 SCADA, instrumentation and controls	1	LS	\$ 77,859.00
	7.11 Commissioning	1	LS	\$ 8,651.00
	7.12 Site and pavement restoration	1	LS	\$ 93,265.00
	Subtotal	1	LS	\$ 609,607.00

EXHIBIT B

Item No.	Description	Quantity	Unit	Extended Amount
8.	Clara PRV:			
8.1	Potholing	1	LS	\$ 121,682.00
8.2	Traffic control	1	LS	\$ 21,457.00
8.3	Abandonment of pipe	1	LS	\$ 2,870.00
8.4	Vault	1	LS	\$ 38,807.00
8.5	6" PRV	1	LS	\$ 18,000.00
8.6	10" PRV	1	LS	\$ 48,615.00
8.7	10" meter	1	LS	\$ 10,857.00
8.8	Piping and connections	1	LS	\$ 53,347.00
8.9	Electrical system	1	LS	\$ 55,663.00
8.10	SCADA, instrumentation and controls	1	LS	\$ 76,201.00
8.11	Commissioning	1	LS	\$ 8,467.00
8.12	Site and pavement restoration	1	LS	\$ 35,865.00
	Subtotal	1	LS	\$ 491,831.00
9.	Kaiser:			
9.1	Potholing	1	LS	\$ 9,254.00
9.2	Traffic control	1	LS	\$ 40,851.00
9.3	Meter vaults	2	LS	\$ 33,941.00
9.4	12" meter	2	LS	\$ 33,681.00
9.5	Bypass PRV vault	1	LS	\$ 36,238.00
9.6	Bypass 12" PRV	1	LS	\$ 76,327.00
9.7	Kaiser PRV vault	1	LS	\$ 63,718.00
9.8	Kaiser 6" PRV	1	LS	\$ 18,378.00
9.9	Kaiser 10" PRV	1	LS	\$ 72,498.00
9.10	Kaiser 10" meter	1	LS	\$ 21,611.00
9.11	Piping and connections	1	LS	\$ 335,576.00
9.12	Replace meters	3	LS	\$ 43,022.00
9.13	Control building	1	LS	\$ 23,537.00
9.14	Fencing	1	LS	\$ 6,838.00
9.15	Electrical system	1	LS	\$ 127,120.00
9.16	SCADA, instrumentation and controls	1	LS	\$ 92,623.00
9.17	Commissioning	1	LS	\$ 10,365.00
9.18	Site and pavement restoration	1	LS	\$ 157,146.00
9.19	Property boundary survey sketch	1	LS	\$ 5,687.00
	Subtotal	1	LS	\$ 1,208,411.00
10.	Astumbo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 85,990.00
11.	Yigo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 92,529.00



Item No.	Description	Quantity	Unit	Extended Amount
12.	Terao PRV (Additive Bid Item):			
10.1	Traffic control	1	LS	\$ 28,097.00
10.2	Meter vault	1	LS	\$ 33,820.00
10.3	20" Meter	1	LS	\$ 37,949.00
10.4	PRV vault	1	LS	\$ 61,228.00
10.5	6" PRV	1	LS	\$ 18,527.00
10.6	12" PRV	1	LS	\$ 31,942.00
10.7	Piping and connections	1	LS	\$ 129,532.00
10.8	Demolish vault and piping	1	LS	\$ 15,599.00
10.9	Electrical system	1	LS	\$ 113,789.00
10.10	SCADA, instrumentation and controls	1	LS	\$ 80,877.00
10.11	Commissioning	1	LS	\$ 12,843.00
10.12	Site and pavement restoration	1	LS	\$ 95,113.00
	Subtotal	1	LS	\$ 659,316.00
13.	Maimai PRV (Additive Bid Item):			
11.1	Traffic control	1	LS	\$ 15,387.00
11.2	Meter vault	1	LS	\$ 42,033.00
11.3	10" Meter	1	LS	\$ 36,043.00
11.4	Meter piping and connections	1	LS	\$ 14,101.00
11.5	4" PRV	1	LS	\$ 4,867.00
11.6	10" PRV	1	LS	\$ 11,742.00
11.7	PRV piping and connections	1	LS	\$ 22,915.00
11.8	Electrical system	1	LS	\$ 64,070.00
11.9	SCADA, instrumentation and controls	1	LS	\$ 78,620.00
11.10	Commissioning	1	LS	\$ 12,592.00
11.11	Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00

Table A Base Bid Subtotal	\$ 4,120,000.00
Table A Additive Bid Subtotal	\$ 962,000.00
Table A Base Bid and Additive Bid Total	\$ 5,082,000.00



TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lump sum of

\$ 4,120,000.00

(Price in Figures)

FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

(Price in Words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.



Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
 - A. Required Bid security in the form of BID BOND.
 - B. List of Proposed Major Suppliers;
 - C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): N/A

By: N/A
(Individual's signature)

Doing business as: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Partnership

Partnership Name: N/A (SEAL)

By: N/A
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): N/A

Business address: N/A

Phone: N/A Facsimile: N/A

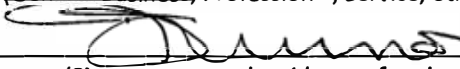
E-mail address: N/A

A Corporation

Corporation Name: SUMITOMO MITSUI CONSTRUCTION CO., LTD

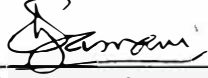
State of Incorporation: JAPAN

Type (General Business, Professional, Service, other): GENERAL CONTRACTOR/ CONSTRUCTION

By: 
(Signature - attach evidence of authority to sign)

Name (typed or printed): TAKEYUKI SHIINO

Title: GENERAL MANAGER

Attest  (CORPORATE SEAL)
(Signature of Corporate Secretary) Admin. Manager

Business address: PO BOX 9670 TAMUNING, GUAM 96931

PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. HARMON INDUSTRIAL, HARMON, GUAM, 96913

Phone: (671) 649-7521 to 24 Facsimile: (671) 649-7550

E-mail address: tkshiino@smcon.co.jp

A Limited Liability Company (LLC)

LLC Name: N/A

State in which organized: N/A

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Joint Venture

First Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Second Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: N/A

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)



BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

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

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
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EXHIBIT B

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):



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PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1
GWA Project No. W18-001-BND**

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9.11	Piping and connections	1	LS	\$ 335,576.00
9.12	Replace meters	3	LS	\$ 43,022.00
9.13	Control building	1	LS	\$ 23,537.00
9.14	Fencing	1	LS	\$ 6,838.00
9.15	Electrical system	1	LS	\$ 127,120.00
9.16	SCADA, instrumentation and controls	1	LS	\$ 92,623.00
9.17	Commissioning	1	LS	\$ 10,365.00
9.18	Site and pavement restoration	1	LS	\$ 157,146.00
9.19	Property boundary survey sketch	1	LS	\$ 5,687.00
	Subtotal	1	LS	\$ 1,208,411.00
10.	Astumbo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 85,990.00
11.	Yigo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 92,529.00



Item No.	Description	Quantity	Unit	Extended Amount
12.	Terao PRV (Additive Bid Item):			
10.1	Traffic control	1	LS	\$ 28,097.00
10.2	Meter vault	1	LS	\$ 33,820.00
10.3	20" Meter	1	LS	\$ 37,949.00
10.4	PRV vault	1	LS	\$ 61,228.00
10.5	6" PRV	1	LS	\$ 18,527.00
10.6	12" PRV	1	LS	\$ 31,942.00
10.7	Piping and connections	1	LS	\$ 129,532.00
10.8	Demolish vault and piping	1	LS	\$ 15,599.00
10.9	Electrical system	1	LS	\$ 113,789.00
10.10	SCADA, instrumentation and controls	1	LS	\$ 80,877.00
10.11	Commissioning	1	LS	\$ 12,843.00
10.12	Site and pavement restoration	1	LS	\$ 95,113.00
	Subtotal	1	LS	\$ 659,316.00
13.	Maimai PRV (Additive Bid Item):			
11.1	Traffic control	1	LS	\$ 15,387.00
11.2	Meter vault	1	LS	\$ 42,033.00
11.3	10" Meter	1	LS	\$ 36,043.00
11.4	Meter piping and connections	1	LS	\$ 14,101.00
11.5	4" PRV	1	LS	\$ 4,867.00
11.6	10" PRV	1	LS	\$ 11,742.00
11.7	PRV piping and connections	1	LS	\$ 22,915.00
11.8	Electrical system	1	LS	\$ 64,070.00
11.9	SCADA, instrumentation and controls	1	LS	\$ 78,620.00
11.10	Commissioning	1	LS	\$ 12,592.00
11.11	Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00

Table A Base Bid Subtotal	\$ 4,120,000.00
Table A Additive Bid Subtotal	\$ 962,000.00
Table A Base Bid and Additive Bid Total	\$ 5,082,000.00



TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lump sum of
\$ 4,120,000.00

(Price in Figures)

FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

(Price in Words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.



Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
 - A. Required Bid security in the form of BID BOND.
 - B. List of Proposed Major Suppliers;
 - C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

- 9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): N/A

By: N/A
(Individual's signature)

Doing business as: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Partnership

Partnership Name: N/A (SEAL)

By: N/A
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

A Corporation

Corporation Name: SUMITOMO MITSUI CONSTRUCTION CO., LTD

State of Incorporation: JAPAN

Type (General Business, Professional, Service, other): GENERAL CONTRACTOR/ CONSTRUCTION

By: [Signature]
(Signature - attach evidence of authority to sign)

Name (typed or printed): TAKEYUKI SHIINO

Title: GENERAL MANAGER

Attest [Signature] (CORPORATE SEAL)
Admin. Manager
(Signature of Corporate Secretary)

Business address: PO BOX 9670 TAMUNING, GUAM 96931

PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. HARMON INDUSTRIAL, HARMON, GUAM, 96913

Phone: (671) 649-7521 to 24 Facsimile: (671) 649-7550

E-mail address: tkshiino@smcon.co.jp

A Limited Liability Company (LLC)

LLC Name: N/A

State in which organized: N/A

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A



A Joint Venture

First Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Second Joint Venturer Name: N/A (SEAL)

By: N/A
(Signature - attach evidence of authority to sign)

Name (typed or printed): N/A

Title: N/A

Business address: N/A

Phone: N/A Facsimile: N/A

E-mail address: N/A

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: N/A

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)



865 South Marine Corps Drive
Suite 202
Tamuning, Guam 96913
Tel. No. (671) 472-6792
Fax No. (671) 477-6229
Email:

Memorandum

Exhibit C, pg 1 of 174

MEMORANDUM

From: Aaron Sutton
To: Brett Railey
Date: August 2, 2022
Project: GWA Pressure Zone Realignment Construction Phase 1

Re: Contract Change Request #6 Recommendation
Design Changes at Various Sites

Cc: Jessey Mendiola

GHD has reviewed the contract change request from Sumitomo Mitsui Construction Company (SMCC) for additional costs attributed to the plan modifications from the DPW design comments and differing site conditions. We are providing our review comments along with a recommendation for approval.

Additional Effort:

At the beginning of the project, DPW provided additional comments that lead to more stringent requirements with traffic control and revisions to the electrical trench details. As a result of these comments, PRV vaults were relocated, more traffic control equipment had to be obtained, and a larger quantity of flowable fill was required.

In addition to the DPW comments, differing site conditions also played a factor in more work than was anticipated. For example, waterlines were not discovered in the areas shown on the as-built drawings. This resulted in the need for more pothole investigations which cascaded into more days in the project, more man hours, and equipment cost.

Due to the changes, GHD had to ensure that the additional effort claimed by the contractor was not already a part of the original bid. These were noted during the CCR review and were removed from the overall cost. Several review meetings were held, and several revisions were issued due to this. The subsequent list are the additional efforts that GHD finds to be reasonable.

1. Modifications to Plans due to DPW Comments & Differing Site Conditions

Carnation

- Existing waterline for the PRV connection was discovered to be 12” instead of 6”, as noted on the plans
- An existing 12” pipe was discovered on Route 15 during the Contractor’s excavation. During GWA’s investigation of the existing pipe, the Contractor had to use additional materials and labor for the steel plate and traffic control maintenance.
- Revision to the pole installation – pole provided by GWA
- Additional work for flowable fill placement as per DPW’s comments

Ysengsong

- Relocation of PRV 77 leading to additional excavation, bedding, asphalt restoration and traffic control.
- Additional potholing to locate the existing waterline.
- Additional work for flowable fill placement for the waterline road crossing

Clara

- Relocation of PRV 78 leading to additional excavation, bedding, and pipe fittings.
- Additional potholing to determine waterline connections.
- Additional traffic control and temporary backfill due to the delay with the Clara outage.
- Additional potholing for the existing valves and replacement of valve covers.
- Changing of the corroded chain link fence
- Re-chlorination due to outage delay

Kaiser

- Relocation of PRV 79 leading to additional excavation
- Additional potholing due to the existing waterline location differing from the plans.
- Relocation of Kaiser meter 43A and 43B due to the existing waterline location differing from the plans.
- Additional piping and backfilling for the inlet piping adjustment.
- Additional work to connect the existing 2” line to the new 12” line
- Additional work for the flowable fill placement
- The pole at Kaiser was revised to a 55’ pole to ensure the new antenna had a line of sight to the existing GPA SCADA antenna

2. Additional Work as requested by the Owner:

Carnation

- PRV 15 vault bottom cleaning, placement of the crushed rock, and concrete repairs at the pipe penetrations to the vault
- Installation of the new valve covers across Route 15 from PRV 15
- Additional exploration and changing of a leaking valve across Route 15 from PRV 15

Kaiser

- Abandonment and removal of existing PRV vaults on the golf course road.

- Additional work to install tee between PRV 79 and the installation of the 12” gate valve at the existing 12” waterline

3. Additional Work Proposed by the Contractor:

Carnation

- PRV 15 access hatch – SMCC requested to install an access hatch cover in lieu of a manhole cover. This change request has been previously reviewed and SMCC’s cost proposal still appears to be reasonable.

The DPW comments and differing site conditions also led to funds being credited back to GWA. An example would be the labor cost for placing and compacting a utility trench with fill material compared to the labor cost of placing flowable fill. Other instances where these changes lead to a credit for GWA are included in the cost proposal breakdown.

Comments:

1. Material cost:

The Notice to Proceed for the project was dated May 6, 2020. Since the Notice to Proceed date, there have been significant increase in material costs due to factors outside of the Contractor’s control. SMCC has provided quotes for the materials they have obtained for the change order. Due to the constant increase in costs and to prevent further delay, SMCC had already ordered the additional materials included in this contract change request. We find that the costs submitted by SMCC appear to be reasonable.

2. Time Extension

Several meetings have been held with SMCC regarding the time extension that they are requesting with the CCR. Daily reports have been requested from SMCC as documentation of the time extension. From their breakdown, SMCC is requesting for a total time extension of **197** days, 147 days from direct work with the extra 50 days coming from the 119 day Clara outage delay and 14-16 week material delay. We find this reasonable as SMCC was able to conduct concurrent activities during the Clara outage and material delivery delay.

3. Bond, Insurance and Extended Overhead:

The CCR includes costs for bonding, insurance, and extended overhead for ten and a half months. It is important to note that the overhead cost is about **50%** of the subtotal cost for this contract change request. The reason being is that this CCR also includes the overhead costs that were incurred during the time extension for Change Order No. 2. Extended overhead costs were not included in the amount approved for Change Order No. 2. SMCC was requested to provide additional documentation and calculations as justification for their overhead costs. These documents can be seen in Attachment D. With the extended overhead costs encompassing from November 15, 2021, to September 30, 2022, approximately 10.5 months, we find the costs associated to be reasonable.

Recommendations:

This Contract Change Request (CCR) was a proposal from SMCC for the additional work brought upon by DPW comments, differing site conditions, and work requested by the Owner. The additional cost of **\$765,331.74** and additional time extension of **197** days with a project completion of **September 30, 2022**, appears to be reasonable and would recommend for approval of the Contract Change Request.

Regards,



Construction Manager

Attachments:

[Attachment A – SMCC Change Order for Design Changes at Various Sites](#)

[Attachment B – Daily Reports](#)

[Attachment C – Material Costs](#)

[Attachment D – Overhead Costs Breakdown](#)

[Attachment E – Additional Days Breakdown](#)

[Attachment F – Schedule](#)

ATTACHMENT A



SUMITOMO MITSUI CONSTRUCTION CO.,LTD.

Guam Office : P. O. Box 9670 Tamuning, Guam 96931
Tel: +1- (671) 649-7521~24 Fax: +1- (671) 649-7550

May 3, 2022

Reference No.: SMCC/PZR-LTR-005

TO: **Mr. BRETT RAILEY, P.E.**
ACTING CHIEF ENGINEER
GUAM WATERWORKS AUTHORITY
Gloria B. Nelson Public Service Building
688 Route 15 Mangilao, GU 96913

THRU: **Mr. AARON SUTTON PE ENV SP**
Guam Office Manager
GHD, Inc.
865 S Marine Corps Dr Ste 202
Tamuning GU 96913 USA
Aaron.Sutton@ghd.com

PROJECT: IFB-07-ENG-2019
PRESSURE ZONE REALIGNMENT CONSTRUCTION – PHASE 1;
GWA PROJECT NO. W18-001-BND

SUBJECT: **Change Order #3 Proposal Rev 3**

Dear Mr. Railey,

Attached herewith is Change Order No. 3 proposal the amount of **Eight Hundred Thirty Five thousand Four Hundred Twenty Five and Ninety One Cents (\$835,425.91)** for given below items and detail breakdown is attached for your review and approval:

In line with the above we are requesting additional time extension up to September 30, 2022 a total of one hundred ninety seven days 197 days. See attached breakdown of the time extension request.

Any question on the above matter, please call 671 688 5075 or email us at pjbarroga@smccguam.com

Sincerely Yours,

A handwritten signature in blue ink, appearing to read 'Pompeyo J. Barroga', with a long, sweeping flourish extending to the right.

Pompeyo J. Barroga
Project Manager
Sumitomo Mitsui Construction Co., Ltd.

CCU Regular Board Meeting - GWA

PROJECT: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1


OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites

CHANGE ORDER # 3 REV 3

DATED:

July 15, 2022

 SUMITOMO MITSUI CONSTRUCTION CO.,LTD. Guam Office : P. O. Box 9670 Tamuning, Guam 96931				MATERIAL		LABOR		EQUIPMENT		TOTAL
Work Description		QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
Direct Cost		1.00	LS		163,629.29		364,625.68		103,976.54	632,231.51
A	CARNATION				7,173.35		25,839.80		20,920.00	53,933.15
A-1	CARNATION PRV 76 INSTALLATION OF TWO 12 X 6 CONCENTRIC REDUCER INCLUDING COUPLING RESTRAIN TYPE. EXISTING WATERLINE IS 12" DIA. DIFFER FROM PLAN DESIGN 6" DIA.				2,085.81		1,431.20		120.00	3,637.01
A 1-1	MATERIALS:				-		-		-	-
1	12" X 6" CONCENTRIC REDUCER, MJ x MJ, C153, CML/BIT - CDMJR1206	2	EA	111.65	223.30		-		-	223.30
2	12" EZ GRIP MJ JOINT RETRAIN DEVICE	2	EA	121.45	242.90		-		-	242.90
3	6" EZ GRIP MJ JOINT RETRAIN DEVICE	2	EA	49.25	98.50		-		-	98.50
4	12" 38125 EBAA RESTRAINT COUPLING	2	EA	706.43	1,412.86		-		-	1,412.86
5	12" X 2" SADDLE STAINLESS STEEL STRAP	1	EA	108.25	108.25		-		-	108.25
A 1-2	LABOR:				-		-		-	-
1	FOREMAN 1MH X 8HRS X 2DAYS	16	MH		-	36.25	580.00		-	580.00
2	PLUMBER 1MH X 8HRS X 2DAYS	16	MH		-	23.20	371.20		-	371.20
3	HELPER 2MH X 8HRS X 2DAYS	32	MH		-	15.00	480.00		-	480.00
A 1-3	EQUIPMENT:				-		-		-	-
1	GENERATOR AND CUTTING TOOLS 1 UNIT X8HRS X 1DAY	8	HRS		-		-	15.00	120.00	120.00
	THE ADDITIONAL MANPOWER AND EQUIPMENT IS FOR THE ADDITIONAL EXPLORATION, BACKFILLING AND CUTTING OF 12" D.I. PIPE THAT IS SHOWN 6" ON PLAN.				-		-		-	-
A2	12" PIPE CROSSING ROUTE 15, ADDITIONAL POT HAULING, EXCAVATION STEEL PLATE MAINTENANCE WHILE WAITING FOR GWA DECISION ON THE EXISTING UTILITIES NOT SHOWN ON PLAN - ADDITIONAL POTHOLING 3DAYS ADDITIONAL EXCAVATION INCLUDING BACFILLING AND COMPACTION OF EXTRA EXCAVATION 5DAYS - ADDITIONAL STEEL PLATE MAINTENANCE 2HOURS X 12 TIMES =24 HOURS				1,212.80		12,346.40		17,920.00	31,479.20
A 2-1	MATERIALS:				-		-		-	-
	TRAFFIC CONTROL AND PLATE MATERIALS	1	LOT	500.00	500.00		-		-	500.00
	COLD MIX ASPHALT	3	TONS	237.60	712.80		-		-	712.80
A 2-2	LABOR:				-		-		-	-
	FOREMAN 1MH X 8HRS X 10DAYS	80	MH		-	36.25	2,900.00		-	2,900.00
	LABOR 3MH X 8HRS X 10DAYS	240	MH		-	15.00	3,600.00		-	3,600.00
A 2-3	EQUIPMENT:				-		-		-	-
	EXCAVATOR 1 UNIT X 8HRS X 10DAYS	80	HRS		-	26.10	2,088.00	80.00	6,400.00	8,488.00
	TIRE BACKHOE 1 UNIT X 8HRS X 10DAYS	80	HRS		-	26.10	2,088.00	50.00	4,000.00	6,088.00
	BOOM TRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS		-	26.10	835.20	175.00	5,600.00	6,435.20
	DUMP TRUCKTRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS		-	26.10	835.20	60.00	1,920.00	2,755.20
	THE ADDITIONAL TRAFFIC CONTROL IS DUE TO THE EXTRA EXPLORATION ON THE MIDDLE OF ROUTE 15 DUE TO 12" WATERLINE AND POWER LINE NOT SHOWN ON PLAN. PLEASE ALSO NOTE THAT WE WAITED FOR GWA TO DECIDE WHAT TO DO WITH THE 12" WATERLINE. EQUIPMENT AS SHOWN ARE USED TO EXPLORE THE AREA, OPEN THE AREA REQUESTED BY GWA AND CUTTING OF 12" GWA LINE AND CONCRETING BOTH SIDE OF PIPE				-		-		-	-
A3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS				200.00		5,241.20		1,080.00	6,521.20
A 3-1	MATERIALS:				-		-		-	-
	3/4 INCH CRUSH ROCK WASHED	5	TONS	20.00	100.00		-		-	100.00
	CONCRETE MIX - 50 LBS	10	BAG	10.00	100.00		-		-	100.00
A 3-2	LABOR:				-		-		-	-
	FOREMAN 1MH X 8HRS X 7DAYS	56	MH		-	36.25	2,030.00		-	2,030.00
	MASON 3MH X 8HRS X 2DAYS	48	MH		-	23.20	1,113.60		-	1,113.60
	LABOR 2MH X 8HRS X 7DAYS	112	MH		-	15.00	1,680.00		-	1,680.00
A 3-4	EQUIPMENT:				-		-		-	-
	TIRE BACKHOE 1 UNIT X 8HRS X 1DAY	8	HRS		-	26.10	208.80	50.00	400.00	608.80
	DUMP TRUCK 1 UNIT X 8HRS X 1DAY	8	HRS		-	26.10	208.80	60.00	480.00	688.80
	PUMP 1 UNIT X 8HRS X 1DAY	8	HRS		-		-	25.00	200.00	200.00
A4	VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION				940.00		1,243.40		100.00	2,283.40
A 4-1	MATERIALS:				-		-		-	-
	VALVE BOX COVER	2	EA	220.00	440.00		-		-	440.00
	CONCRETE MIX - 60 LBS	50	BAGS	10.00	500.00		-		-	500.00
A 4-2	LABOR:				-		-		-	-
	FOREMAN 1MH X 8HRS X 2DAYS	16	MH		-	36.25	580.00		-	580.00
	MASON 1MH X 8HRS X 2DAYS	16	MH		-	23.20	371.20		-	371.20
	LABOR 1MH X 8HRS X 2DAYS	16	MH		-	15.00	240.00		-	240.00
A 4-3	EQUIPMENT:				-		-		-	-
	TIRE BACKHOE 1 UNIT X 2HRS	2	HRS		-	26.10	52.20	50.00	100.00	152.20
A5	ADDITIONAL EXPLORATION AND CHANGING OF LEAKING VALVE				100.00		2,676.40		1,200.00	3,976.40
	LABOR:				-		-		-	-
	FOREMAN 1MH X 8HRS X 5DAYS	40	MH		-	36.25	1,450.00		-	1,450.00
	LABOR 1MH X 8HRS X 5DAYS	40	MH		-	15.00	600.00		-	600.00
	EQUIPMENT:				-		-		-	-
	TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS	24	HRS		-	26.10	626.40	50.00	1,200.00	1,826.40
	MATERIALS:				-		-		-	-
	SAND BEDDING	1	LOT	100.00	100.00		-		-	100.00
A6	PRV 15 HATCH COVER INSTALLATION				2,634.74		2,901.20		500.00	6,035.94
A6-1	CUTTING OF EXISTING SLAB INCLUDING FINISHING AND DISPOSAL				-		-		-	-
	LABOR:				-		-		-	-
	FOREMAN 1MH X 8HRS X 4DAYS	32	MH		-	36.25	1,160.00		-	1,160.00
	MASON 1MH X 8HRS X 1DAY	8	MH		-	23.20	185.60		-	185.60
	LABOR 2MH X 8HRS X 4DAYS	64	MH		-	15.00	960.00		-	960.00