

CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GUAM WATERWORKS AUTHORITY (GWA) WORK SESSION

CCU Conference Room, 3rd floor, Gloria B. Nelson Public Service Building 8:30 a.m., Tuesday, November 15, 2022

AGENDA

- 1. CALL TO ORDER
- 2. ISSUES FOR DECISION
 - 2.1 **GWA Resolution No. 04-FY2023 / GPA Resolution No. FY2023-03:**Relative to the Creation and Approval of Position Classification
 Specification for Utility Board Secretary [JOINT Resolution]
 - 2.2 **GWA Resolution No. 05-FY2023:**Relative to Approval of a Design Services Contract for the Adacao Water and Sewer Infrastructure Project S22-04-ARP
 - 2.3 **GWA Resolution No. 06-FY2023:**

Relative to Approving an Increase in Funding and Scope of Work for the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement Project; GWA Project No. M19-001-BND

2.4 **GWA Resolution No. 07-FY2023:**

Relative to Approving an Increase in Funding and Scope of Work for the Pressure Zone Realignment Construction Phase I Project

- 3. GENERAL MANAGER'S REPORT
 - 3.1 Administration
 - 3.2 Compliance
 - 3.3 Engineering / Capital Improvement Program
 - 3.4 Financial
 - 3.5 Operations
 - 3.6 Other
- 4. OTHER DISCUSSIONS
- 5. ANNOUNCEMENTS
 - 5.1 Next CCU meetings:
 November 17, 2022 GPA Work Session
 November 22, 2022 CCU Board Meeting
- 6. ADJOURNMENT



"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution No. FY2023-03 (GPA) and Resolution No. 04-FY2023 (GWA)

Relative to Creation and Approval of Position Classification Specification for the Utility Board Secretary (Unclassified)

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

The Board Recording Secretary position was created in the late 1980s with the intent for incumbents to perform secretarial and office management duties and responsibilities. The skills required for the position were the ability to take verbal dictation using shorthand, type business letters, and receive and respond to visitors and complaints through the guidance of the Commission. These duties have evolved throughout the years increasing the scope of work to interpret and summarize Commission rules, proceedings and resolutions, ensuring legal and statutory requirements are met, especially with regard to public information and availability of utility operational and governance information across multiple media and technological platforms. The position also serves as the liaison between GWA & GPA Executive Management and the Commission.

While the original duties and responsibilities of the Board Recording Secretary remain intact, modern operation and governance of the Utilities and the technological requirements of the Commission have added complexity and scope to these duties and responsibilities. The current position has not been updated to reflect current duties and responsibilities, nor does it reflect the skill sets and standards required of the position. Most notably, technology and new laws have reshaped the way we conduct business today, requiring additional knowledge, skills, and abilities.

Thus, the creation of the Utility Board Secretary adequately updates the duties and functions of the position, specific to a Utility organization and its governance. The creation is necessary to effectively update and capture the enhanced utility-based job specifications required of the position.

Where is the location?

While the board secretary positions exist within the government of Guam, the Utility Board Secretary position is being created specifically for GWA and GPA to reflect the update in the minimum qualifications and illustrative examples of work for the position, which is necessary to accomplish the strategic goals for both utilities.

How much will it cost?

Based on the compensation consulting firm of Alan Searle & Associates market research and on both GPA's and GWA's compensation models per respective industry, implementation ranges resulted as follows:

	20 th Ma	rket Perce	ntile (20	17 Mari	ket Dat	ta – 5 Sı	ub-Steps)				
	Structu	ıral Adjustı	nent- M	IN			Structura	l Adjus	tment- I	MIN	
Benchmark Position	JE Points	Base Salary	Hourly	Grade	Step	Sub- Step	Base Salary	Hourly	Grade	Step	Sub- Step
Utility Board Secretary	582	\$45,377.00	\$21.83	1	6	В	\$47,219.00	\$22.70	I	7	В

Note: 20th - 50th Raw Market Percentile (2017 Market Data) implementation range from \$48,719.00 to \$59,772.00.

*Pursuant to §1409 of 12GCA Chapter 14 & §8112 of 12GCA Chapter 8, the Board may appoint a Secretary, whose duties and compensation shall be fixed by the board.

When will it be completed?

The petition shall be posted on the agency, department, or public corporation's website for ten (10) days (except Saturdays, Sundays, and government of Guam holidays). After the posting, the General Manager shall forward the petition along with evidence of his compliance with 4 GCA, Chapter 6, §6303.1(a), to the governing board or commission who, if they approve the same shall approve the petition by resolution and file the petition and resolution for records with the Director of Administration and the Legislative Secretary.

No new position may be filled until after compliance with the provision of this Section and thirty (30) days have elapsed from the date of filing with the Legislative Secretary.

What is the funding source?

The GWA and GPA are responsible for the funding availability for the above-referenced position and are in compliance with all applicable laws, rules, and regulations regarding the creation, filling, and retention of positions in certified, technical, and professional positions. The funding of this position shall be from the revenues of both GPA and GWA, and shall have no financial impact on the Government of Guam's General Fund.

The RFP/BID responses (if applicable):

N/A



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GPA RESOLUTION NO. FY2023-03 GWA RESOLUTION NO. 04-FY2021

RELATIVE TO THE CREATION AND APPROVAL OF POSITION CLASSIFICATION SPECIFICATION FOR THE UTILITY BOARD SECRETARY (UNCLASSIFIED)

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

WHEREAS, under 12 G.C.A. § 8104, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, personnel, and policy matters relative to the Guam Power Authority ("GPA"); and

WHEREAS, the GWA and GPA are Guam Public Corporations established and existing under the laws of Guam; and

2.0

WHEREAS, the Board Recording Secretary position was created in the unclassified service in the late 1980s, which at the time was under the purview of the Civil Service Commission (CSC) with intent to perform secretarial work involving the full-range of secretarial and office management duties for various departments and agencies with Boards.

2.6

WHEREAS, GWA and GPA continue to modernize operations by improving and engaging our ratepayers to enhance transparency and accountability of the Utilities and Commission. While the basic duties and responsibilities of the Board Recording Secretary's role did not significantly change, the current position has not been updated to reflect current duties and responsibilities, nor does it reflect the skill sets and standards required of the position. Most notably, technology and new laws have reshaped the way we conduct business today, requiring additional knowledge, skills, and abilities.

1	WHEREAS, the Utility Board Secretary plays a vital role to interpret and summarize
2	Commission rules, proceedings and resolutions, ensuring legal and statutory requirements are
3	met. Additionally, this position also serves as liaison between GWA & GPA Executive
4	Management and the Commission, requiring high degree of accuracy, confidentially, discretion
5	and judgment; Thus, the creation of the Utility Board Secretary is necessary to adequately
6	updates the enhanced utility-based job specifications required of the position.
7	
8	WHEREAS, the GWA and GPA General Managers request the CCU to approve the
9	creation of the Utility Board Secretary in the Unclassified status; and
10	
11	WHEREAS, the GWA and GPA General Managers request the CCU to approve the job
12	specification standard for the Utility Board Secretary; and
13	
14	WHEREAS, Public Law 34-131, Section 2, §6303 (d) and (2C) authorizes the creation
15	of positions in Autonomous Agencies and Public Corporations; and
16	
17	WHEREAS, GWA and GPA Personnel Rules and Regulations as amended by Public
18	Law 28-159 Section 3 (C) authorizes the CCU to amend, modify or add a position to the list of
19	certified, technical, and professional positions; and
20	
21	NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities,
22	as the Governing Body of the Guam Waterworks Authority and the Guam Power Authority, does
23	hereby approve and authorize the following:
24	1. The creation of the Utility Board Secretary in the unclassified service and
25	addition of the position to the Certified, Technical, and Professional (CTP) list
26	of positions.
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2. The adoption of the proposed minimum and maximum range of compensation, in accordance with the Strategic Pay Methodology as follows:

	20 th Market Percentile (2017 Market Data – 5 Sub-Steps)										
		Structura	ıl Adjus	tment-	MIN		Stru	ctural A	Adjustm	ent- M	IN
Benchmark Position	JE Points	Base Salary	Hourly	Grade	Step	Sub-Step	Base Salary	Hourly	Grade	Step	Sub-Step
Utility Board Secretary	582	\$45,377.00	\$21.83	I	6	В	\$47,219.00	\$22.70	I	7	В

3. Upon successful recruitment of the approved position, both GWA and GPA shall equally compensate the individual hired.

4. The CCU authorizes the respective General Managers to remove existing Board Recording Secretary from its CTP list of positions.

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

DULY AND REGULARLY ADOPTED, this 29th day of November 2022.

Certified by: Attested by:

JOSEPH T. DUENAS PEDRO ROY MARTINEZ

Chairperson Secretary

21 //

1	SECRETARY'S CERTIFICATE
2	
3	I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities as
4	evidenced by my signature above do hereby certify as follows:
5	The forescine is a full two and accounts come of the machation duly adopted at a machan
6	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
7	held at a place properly noticed and advertised at which meeting a quorum was present and the
8	members who were present voted as follows:
9	members who were present voted as follows.
10	AYES:
11 12	NAYS:
13	ABSENT:
14	ABSTAIN:
15	ABSTAIN.
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Tel: (671) 300-6846

Issues for Decision

Resolution No. 05-FY2023

Relative to Approval of a Design Services Contract for the Adacao Water and Sewer Infrastructure Project S22-04-ARP

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

The objective of this project is to complete needed Design Services for the construction of Adacao Water and Sewer Infrastructure improvements.

GWA has seven wells in the Adacao, Mangilao area and six of these wells have some of the highest nitrate-nitrogen concentrations on Guam. The Safe Drinking Water standard is 10 mg/L and trend analysis conducted by the WERI indicate these seven wells have rising concentrations that are predicted to be in the 5 and 6 mg/L range by 2029. To halt increases in groundwater nitrate-nitrogen concentration, residences need to be taken off cesspools/septic tanks and connected to a public sewer system. In addition to a new public sewer system, the project includes the replacement of undersized 2-inch diameter water lines with 6-inch and 8-inch diameter water mains.

To assist GWA in addressing the higher nitrate-nitrogen levels, and to help provide essential infrastructure services to this underserved area and simultaneously provide enhanced water resource protection for northern villages served by nearby production wells, the Governor allocated \$8,637,400.00 of the American Rescue Plan Act (ARPA) to GWA for the design and construction for the Adacao Water and Sewer Infrastructure project.

ARPA grant funds must be completely obligated (or work to be invoiced completed) by December 31, 2024, and expended by December 31, 2026, so time is also a factor.

Where is the location?

Project site is located in Adacao, Mangilao.

How much will it cost?

The Governor allocated \$8,637,400.00 of the American Rescue Plan Act (ARPA) to GWA for the design and construction for the Adacao Water and Sewer Infrastructure project.

GWA engineering negotiated with DCA on the Scope and Fees Proposal for the Adacao Water and Sewer Infrastructure Design Services, for a total of \$1,164,322.48. GWA Management seeks CCU approval of DCA's Scope and Fee Proposal for the Design Services, for a total of \$1,164,322.48, plus a 10% contingency of \$116,432.25, to bring the total authorized funding amount to \$1,280,754.73.

When will it be completed?

The completion of the Design is anticipated to be September 2023, with design services during construction (as needed) continuing on until end of construction, anticipated December 2024.

What is the funding source?

The funding for this project will be from the ARPA Grant funds awarded to GWA for this project.

The RFP responses:

- 20 downloaded RFP
- 5 submitted
- Duenas, Camacho, & Associates, Inc. recommended for award



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

GWA RESOLUTION NO. 05-FY2023

RELATIVE TO APPROVAL OF A DESIGN SERVICES CONTRACT FOR THE ADACAO WATER AND SEWER INFRASTRUCTURE PROJECT, GWA PROJECT NO. S22-04-ARP

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 has seven wells in the Adacao, Mangilao area and six of these wells have some of the highest nitrate-nitrogen concentrations on Guam; and

WHEREAS, the Safe Drinking Water standard is 10 mg/L and trend analysis conducted by the Water and Environmental Research Institute indicate these seven wells have rising concentrations that are predicted to be in the 5 and 6 mg/L range by 2029; and

2.3

2.4

WHEREAS, nitrate-nitrogen is a sewage component, and with residences surrounding these wells utilizing cesspools or septic tank systems discharging to the groundwater, to halt increases in groundwater nitrate-nitrogen concentration, residences need to be connected to a public sewer system; and

WHEREAS, many Adacao customers are served by two-inch diameter water lines that do not meet GWA's current construction standards and need to be replaced by six-inch and eight-inch diameter water mains; and

WHEREAS, to assist GWA in addressing the higher nitrate-nitrogen levels in Adacao, and to help provide essential infrastructure services, to this underserved area and simultaneously provide enhanced water resource protection for customers served by nearby production wells, the

1 Governor allocated Eight Million Six Hundred Thirty-Seven Thousand Four Hundred Dollars (\$8,637,400.00) of the American Rescue Plan Act (ARPA) to GWA for the design and 2 construction for the Adacao Water and Sewer Infrastructure project; and 3 4 WHEREAS, GWA advertised the Request for Proposal (RFP-09-ENG-2022) soliciting a 5 statement of qualification from experienced and qualified engineering firms to provide 6 engineering design services for the Adacao Water and Sewer Infrastructure Design Services 7 8 project; and 9 WHEREAS, Request for Proposal (RFP) packages were downloaded by multiple 1.0 interested parties, from which GWA received proposal submittals from five (5) engineering 11 firms before the RFP submittal deadline of June 30, 2022; and 12 13 WHEREAS, the GWA Selection Committee reviewed and evaluated all five (5) 14 proposals, making a top three (3) ranking list of the most qualified firm (SEE EXHIBIT A -15 Evaluation Summary), which indicated Duenas Camacho & Associates, Inc. ("DCA") as the 16 highest ranked firm; and 17 18 WHEREAS, the GWA Selection Committee submitted for the General Manager's 19 ("GM") determination of selection, the ranking of firms evaluated from which GWA could 20 begin scope and fee negotiations with the selected firm (SEE EXHIBIT B - GM 21 Determination); and 2.2 23 WHEREAS, after selection, GWA engineering negotiated with DCA on the Scope and Fees Proposal (SEE EXHIBIT C - Scope and Fee Proposal) for the Adacao Water and Sewer 2.5 Infrastructure Design Services, for a total of One Million One Hundred Six-Four Thousand 2.6 Three Hundred Twenty-Two Dollars and Forty-Eight Cents (\$1,164,322.48); and 2.7 28 WHEREAS, GWA Management seeks CCU approval of DCA's Scope and Fee Proposal 29 for the Design Services, for a total of One Million One Hundred Six-Four Thousand Three 30 Hundred Twenty-Two Dollars and Forty-Eight Cents (\$1,164,322.48), plus a ten percent (10%) 31 32 contingency of One Hundred Sixteen Thousand Four Hundred Thirty-Two Dollars and Twenty-2

Five Cents (\$116,432.25), to bring the total authorized funding amount to One Million Two 1 Hundred Eighty Thousand Seven Hundred Fifty-Four Dollars and Seventy-Three Cents 2 (\$1,280,754.73); and 3 4 WHEREAS, funding for this project will be from the ARPA Grant funds awarded to 5 GWA for this project; and 6 7 NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities 8 9 does hereby approve the following: 1. The recitals set forth above hereby constitute the findings of the CCU. 10 2. The CCU finds that the terms of the Scope and Fee Proposal as described in EXHIBIT C are fair and reasonable. 3. The CCU hereby authorizes the management of GWA to accept the Scope and 13 Fee Proposal from DCA in the amount of One Million One Hundred Six-Four 14 Thousand Three Hundred Twenty-Two Dollars and Forty-Eight Cents 15 (\$1,164,322.48).16 4. The CCU hereby further approves the funding total of One Million One 17 Hundred Six-Four Thousand Three Hundred Twenty-Two Dollars and Forty-18 Eight Cents (\$1,164,322.48), plus a ten percent (10%) contingency of One 19 Hundred Sixteen Thousand Four Hundred Thirty-Two Dollars and Twenty-20 Five Cents (\$116,432.25), to bring the total authorized funding amount to One 2.1 Million Two Hundred Eighty Thousand Seven Hundred Fifty-Four Dollars 2.2 and Seventy-Three Cents (\$1,280,754.73). 23 5. The CCU hereby further approves funding for this project to be from the ARPA Grant Funds. 25 6. The CCU further approves management to duly notify the Public Utilities 2.6 Commission that this contract will exceed One Million Dollars 2.7 (\$1,000,000.00), and is funded by ARPA Grant Funds. 28 // 29 31 32 3

of th	nis Resolution.	
	DULY AND REGULARLY ADO	OPTED , this 29 th day of November 2022.
	Certified by:	Attested by:
	LOCEDII T. DUENAC	DEDDO DOV MADTINEZ
	JOSEPH T. DUENAS	PEDRO ROY MARTINEZ
	Chairperson	Secretary
	SECRETA	ARY'S CERTIFICATE
		Board Secretary of the Consolidated Commission of
		ture above do hereby certify as follows:
		e and accurate copy of the resolution duly adopted at
		of the Guam Consolidated Commission on Utilities
		properly noticed and advertised at which meeting
	quorum was present and the memb	pers who were present voted as follows:
	. Average	
	AYES:	
	NAYS:	
	ABSENT:	
	ABSTAIN:	
///		
///		
///		

EXHIBIT A



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

July 29, 2022

To: Barbara C. Cruz, P.E.

Acting Chief Engineer

From:

Josephine E. Smith, PMBA Jesmith Chairperson, Consultant Selection Board

Subject: RFP-09-ENG-2022

Adacao Water and Sewer Infrastructure Design Services

GWA Project No. S22-04-ARP

The following information is intended to document the evaluation process undertaken for the referenced solicitation:

EVALUA	EVALUATION COMMITTEE MEMBERS										
Name	Title										
George J. Watson	Junior Engineer										
Gerald N. Gattoc	Junior Engineer										
Ryan B. Diaz	Junior Engineer										
Peter B. Castro	Water and Sewer Maintenance Supervisor										

Offerors		Evaluati	Total	Rank		
1. Duenas, Camacho & Associates, Inc.	95	96	90	97	378	1
2. GHD	89	93	81	90	353	2
3. SSFM International, Inc.	86	95	76	91	348	3
4. E.M. Chen & Associates, Inc.	78	85	75	94	332	4
5. EMPSCO Engineering Consultants	82	85	66	93	326	5

Scores were evaluated based on the sum of individual scores. The recommendation of the Evaluation Committee is shown in the ranking above.

For your review and approval. Notification letters will be issued thereafter.

Approved by:

Barbara C. Cruz, P.E.

EXHIBIT B



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

MEMORANDUM

То:	Miguel C. Bordallo, P.E. General Manager	
From:	Barbara C. Cruz, P.E. & Acting Chief Engineer	
Subject:	RFP-09-ENG-2022 Adacao Water and Sewer Infrastructure Design Services GWA Project No. S22-04-ARP	
Date:	August 1, 2022	
consultants fo	Committee has completed all necessary actions for selecting the referenced solicitation. All proposals were reviewed a ablished in the solicitation. The Evaluation Summary is atta	nd scored according to the
The committe	e recommends the following top three (3) firms in order of p	preference for the project:
	 Duenas, Camacho & Associates, Inc. GHD SSFM International, Inc. 	
Concurred:		
Vincent 9	Juerrero	8/3/2022
Vincent E. Gue Supply Manag	rrero ement Administrator	Date
	GENERAL MANAGER'S DETERMINATION	
Consultant Fire	m Selected:	
Duenas Cam	acho & Assoc.	
Remarks:		
	al	
Mrov		1011.8.W
Miguel C. Bord General Mana	•	Date



EXHIBIT C

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

October 21, 2022 Miguel C. Bordallo, P.E. General Manager, Guam Waterworks Authority Gloria B. Nelson Public Service Building 688 Route 15 Mangilao, Guam, 96913

Attn: George Watson, GWA Project Engineer

Subject: GWA RFP-09-ENG-2022, Adacao Water and Sewer Infrastructure Design Services

GWA Project No. S22-04-ARP

Re: Design Fee Proposal

Hafa Adai Mr. Watson,

Dueñas, Camacho & Associates (DCA) is pleased to submit the following fee proposal for engineering services on the subject project. The fees were developed in accordance with the draft scope of work submitted to the Guam Waterworks Authority (GWA).

Based on discussions with GWA, it is GWA's intent to portion specific tasks under a time and materials (T&M) effort. These T&M efforts include post-design services, appraisal services, materials, and archaeological services. All other services will be as lump sum. The following table presents a summary of these fees.

Pre-Design and Survey	\$ 270,727.00
Design	\$ 774,658.98
Time and Materials	\$ 118,936.50
Total	\$ 1,164,322.48

DCA will provide our updated policy as soon as we receive it from our insurer.

Sincerely,

Kenneth M. Rekdahl, P.E.

Vice-President

Dueñas, Camacho & Associates, Inc.

Attachment

Scope of work Fee proposal

ENGINEERING * PLANNING * SURVEYING * ENVIRONMENTAL SERVICES * GEOGRAPHIC INFORMATION SYSTEM * CONSTRUCTION MANAGEMENT GUAM P.O. Box 8900, Tamuning, Guam 96931 / 238 E. Marine Corps Drive, Suite 201 Diamond Plaza, Hagatña, GU 96910 / Tel: (671) 477-7991 / Fax: (671) 479-6315 SAIPAN Caller Box PPP, Suite 164, Saipan, MP 96950 / Chalan Pale Arnold, Ada's Building South Garapan, Saipan 96950 / Tel: (670) 234-9017 / Fax: (670) 234-3842

III. SCOPE OF WORK

ADACAO WATER AND SEWER INFRASTRUCTURE DESIGN SERVICES

A. INTRODUCTION

GWA provides potable water service to most of the island's civilian population, and groundwater from the Northern Guam Lens Aquifer (NGLA) provides about 80% of Guam's drinking water. The water lens is recharged primarily by rainfall infiltrating through the limestone aquifer. The porous nature of limestone increases the risk of groundwater contamination from surface activities, such as cesspools and septic tanks. Discharge from cesspools and septic tanks can percolate through the limestone in northern Guam and reach the water lens. Wastewater from cesspools and septic tanks contain biological and chemical contaminants, including personal care products, medicines, and nitrogen constituents such as nitrate.

In 1962, the U.S. Public Health Service adopted drinking water standards and set the recommended limit for nitrate-nitrogen at 10 mg/L. Groundwater quality is monitored by GWA according to the requirements of Guam Primary and Secondary Safe Drinking Water Regulations (GPSSDWR). The GPSSDWR drinking water limit for nitrate-nitrogen is 10 mg/L. Nitrate-nitrogen can also be considered an indicator of other wastewater constituents that are not listed as a Safe Drinking Water standard, and are therefore, not typically tested for at production wells. Connecting unsewered properties to the public sewer system will protect the NGLA from contamination from onsite disposal systems.

Seven wells in the Adacao, Mangilao area have some of the highest nitrate-nitrogen concentrations on Guam. Nitrate-nitrogen can have an acute health effect, particularly with infants and elderly individuals. The Safe Drinking Water standard is 10 mg/L and the most recent nitrate-nitrogen concentrations for the seven wells are less than half the standard. However, trend analysis conducted by the Water and Environmental Research Institute indicate these wells have rising concentrations are predicted to be in the 6 and 5 mg/L range by 2029. Nitrate-nitrogen is a sewage component and the residences surrounding these wells have cesspools or septic tank systems that discharge to the groundwater. To halt nitrate-nitrogen increases in this area, residences need to be connected to a public sewer system. Installation of 8-inch diameter sewer mains, a lift station, and a 6-inch diameter force main are proposed in the locations identified on the attached map (see Appendix A).

In addition, existing 2-inch diameter water lines southwest of Adacao Elementary School will be replaced with 8-inch diameter water mains to improve water service in the area. Other areas will have 6-inch diameter water mains with multiple connection points to the water system. The locations of existing 2-inch water lines and proposed locations of new water mains are identified on the attached map (see Appendix A).

The goals of this project are:

- (1) Evaluate and design water mains to replace existing or install new water pipe, and reconnect existing customers affected as follows:
 - a. To replace existing 2-inch diameter water lines around Adacao Elementary School with 8-inch diameter water lines and reconnect existing customers,
 - b. To replace remaining existing 2-inch diameter water lines with 6-inch diameter water lines and reconnect existing customers,

- c. To install new 6-inch diameter water lines in identified areas
- (2) Evaluate and design new sewer system as follows:
 - a. To install new 8-inch diameter gravity sewer lines,
 - To identify area to build a new sewer pump station (SPS) to receive sewage from new gravity sewer lines to be installed,
 - c. To install a new sewer force main to convey wastewater from the new SPS to an existing gravity sewer line downstream.
- (3) Evaluate and design connections for existing customers within the 200-foot setback of the new gravity sewer lines being installed as follows:
 - a. Work with GWA, CHamoru Land Trust Commission (CLTC), Guam Environmental Protection Agency (GEPA), and Department of Land Management to identify the existing customers and assist in notifying the customers of the changes,
 - b. Conduct surveys as necessary for the design and identification of the utility easements,
 - c. Work with GWA, GEPA, and the identified customers to identify existing septic systems and design the sewer lateral connections to transfer the customers from the private septic to the new public gravity sewer.

B. SCOPE OF SERVICES

The DCA shall comply with the Guam Board of Registration for Professional Engineers, Architects and Land Surveyors ("PEALS") Law and related laws. Additionally, DCA must provide professional engineering design services consistent with expert qualifications and experience in structural engineering. It may be necessary to procure the services of subconsultant design firms to meet the requirements of this project. GWA reserves the right to review and approve subconsultants.

The scope of consultant services anticipated for this project includes land surveying and archeological investigation, and geotechnical, civil, structural, mechanical, electrical, and instrumentation engineering analysis and design. Contract design drawings shall be completed in AutoCAD 2019 or earlier version, and be able to translate into an ESRI GIS mapping format. Site investigation is necessary to assess the existing water infrastructure, including water lines and active water wells, and nearby gravity sewer lines and manholes, and related structures and components to achieve high quality design solutions and alternatives.

Prospective firms may consider joint venture or subconsultant teaming agreements to ensure that all required services can be performed at a high-quality standard. This experience may include, but is not limited to:

- a) Project Management
- b) Civil
- c) Structural
- d) Mechanical
- e) Geotechnical
- f) Surveying
- g) Electrical Power
- h) Instrumentation & Control
- i) Supervisory Control and Data Acquisition (SCADA)
- j) Archeological and Historical Investigations
- k) Construction Cost Estimating

- I) Scheduling
- m) Permitting
- n) Bidding
- o) Engineering During Construction
- p) Record Drawing (As-Built) Preparation
- q) Public outreach

TASK 1 - Project Management

Subtask 1.1 - Project Management Plan

DCA shall prepare a Project Management Plan that includes:

- a) Project Description
- b) Scope of Work (from contract)
- c) Work Plan
- d) Progress Evaluation
- e) Quality Assurance and Quality Control Plan
- f) Risk Management
- g) Scope Change
- h) Communication Plan
- i) Documentation Plan
- j) Subcontractors and organizational chart

Subtask 1.2 - Project Schedule

DCA shall submit a schedule that meets required milestones for approval. Update schedule at all phases of the project, including monthly meetings, dates for completion of engineering design studies, milestone tasks, monthly invoicing, and dates for review periods. The schedule may include program development (owner's requirements) and environmental permit approvals. The schedule should be based on the proposed target dates. DCA will indicate if the target dates will be accomplished.

Subtask 1.3- Progress Reports

DCA shall Submit monthly progress/status reports to support monthly billings. Reports must reflect monthly invoices and include actual spending curves, projected spending curves, and earned value reporting.

Subtask 1.4 – Meetings and Coordination

DCA will lead regularly-scheduled meetings and coordinate with entities within and, as appropriate, outside the project team. Identify and facilitate milestone meetings. Additionally:

a) Coordinate and communicate with local and federal agencies as necessary, including but not limited to the Guam Environmental Protection Agency (GEPA), Department of Public Works (DPW), Department of Parks and Recreation (DPR), Department of Land Management (DLM), CHamoru Land Trust Commission (CLTC), US Fish and Wildlife Services (USFWS) throughout the course of the project to ensure review and permitting process adheres to project schedule.

b) Facilitate and record kickoff and project design review (30%, 60%, 90% and 100%) meetings. The design reviews meeting shall include cost estimates and construction schedule.

Deliverables:

- a) Project Management Plan
- b) Project Schedule
- c) Progress Reports
- d) Meeting Minutes

The Task 1 effort is expected to span the entire life of this project, from the contract Notice to Proceed (NTP) date and (if GWA moves forward with repairs/rehabilitation) through post-construction and final commissioning.

TASK 2 - Preliminary Design

Subtask 2.1 - Research and Field Investigation

DCA shall gather data and conduct a field investigation to identify existing conditions and aid in identifying optimal solutions. Efforts may include, but are not limited to:

- a) Record drawings
- b) Easement locations and property records
- c) Interviews with GWA staff
- d) Discussion and coordination with CLTC, DLM, and GEPA as needed
- e) Lead and work with GWA, CLTC, GEPA (in needed), and Property Owners to evaluate possible sewer connection transfer from privately owned septic/cesspool, as well as connection transfer from existing water main to the upgraded water main to be installed
- f) Perform assessments and other permitting-related activities, as required by the appropriate archaeological and environmental regulatory agencies
- g) Prepare and submit permits as needed for the site investigation work
- h) Conduct field investigations and utility clearances to confirm location and layout of existing utilities within the proposed locations to avoid utility conflicts

Subtask 2.2 - Easement and Land Acquisition Assistance

DCA will Research and verification of existing and required new easements/properties is necessary for new water and sewer design. Land acquisition also required for a new pump station. Survey work will be required. Negotiations with private landowners or CLTC might be required. DCA will be responsible for developing the necessary plans for:

- a) determining Right of Way or property boundaries
- b) obtaining new easements,
 - 1. along Lot 35 Tract 14119
- c) revising existing easements,
- d) obtaining property transfers,
- e) assisting GWA with private water and sewer lateral connections
- f) Initial location for the new sewer pump station is assumed to be within the vacinity of 6NEW Block 4 Tract 14411

The DCA will assist GWA in recording of property transfers with the Department of Land Management under the direction of a professional land surveyor licensed on Guam.

Subtask 2.3 - Basis of Design Report

DCA shall Develop a Basis of Design (BOD) Report that will include key information pertaining to any related geotechnical, civil, structural, mechanical, electrical, and instrumentation design criteria, to be submitted for review and approval by GWA. Design will be in accordance with the applicable standards listed Section III.C "Design Parameters" of this RFP. The Basis of Design Report at the minimum shall address the following:

- a) Projected flow rates
- b) Force main to accommodate projected flow rates and pump capacities
- Projected hydraulic system curves, pump capacities, electrical demands, and generator requirements
- d) Changes to hydraulic system curves downstream of new sewer system and identification of downstream capacity upgrades, if needed
- e) Current and projected water piping requirements
- f) Proposed locations for water system control valves (PRV, PRSV, etc.)
- g) Water service lateral and fire hydrant reconnections
- h) Sewer service lateral connection considerations for existing home owners on private septic
- i) Geotechnical considerations
- j) Environmental and cultural protection measures
- k) Surrounding infrastructure, utility, and easement considerations
- I) Proposed construction schedule with major work items
- m) Construction Cost Estimates Develop a Class 4 cost estimate according to the AACE International Cost Estimates Classification System. All cost will be in current US dollars and escalated to the estimated midpoint of construction

Subtask 2.31 - Basis of Design Report for New Lift Station

The following shall be included in the BOD Report: key information pertaining to any related geotechnical, civil, structural, mechanical, electrical, and instrumentation design criteria, to be submitted for review and approval by GWA. Design will be in accordance with the applicable standards listed Section III.C "Design Parameters" of this RFP. The Basis of Design Report at the minimum shall address the following:

- a) Projected flow rates
- b) Consideration/Plan for preferred location using GIS database and taking into consideration existing pump stations, flows and future uses
- c) Force main to accommodate projected flow rates and pump capacities
- d) Geotechnical considerations
- e) Environmental and cultural protection measures
- f) Surrounding infrastructure, utility, and easement considerations
- g) Proposed construction schedule
- h) Review of wet well verses dry well configurations for GWA review and approval
- Construction Cost Estimates Develop a Class 4 cost estimate according to the AACE International Cost Estimates Classification System. All cost will be in current US dollars and escalated to the estimated midpoint of construction

Civil

- a) Identify location for new sewer pump station.
- b) Design new sewer pump station and consider the need for odor control.
- c) Design access road to pump station with proper turn around clearance, so that vehicles can access the pump station easily and safely.
- d) Provide site security measures including, as necessary, surveillance, fencing and lighting.
- e) Provide storm water control and drainage system, as necessary.
- f) Perform structural design and calculation for the pump station structure, support system and containments, as required.

Structural

- a) Provide structural and architectural design in conformance with seismic and wind loads for Guam.
- b) Consider material for wet well longevity, with respect to environmental conditions (e.g., water table elevation and groundwater chloride content).

Mechanical

- a) Design pump station with adequate hydraulic capacity for flow and total dynamic head.
- b) Perform hydraulic calculations and provide all hydraulic information, including pump curves and system curves using Flygt pumps. These pump manufacturers are required, as GWA's critical spare parts inventory consists of Flygt parts.
- c) Design a solids removal system/screening for the pump station with the intention to prevent large solids from damaging pumps.
- d) Design a permanent lifting system within the pump station to lift up pumps for maintenance purposes.
- e) Design pump station to include worker accessibility to controls, pumps, valves, etc. (e.g., valves are not to be placed in the wet well).
- f) Design a ventilation system for the pump station with adequate air changes.
- g) Recommend other components that will improve operation and maintenance efficiency, such as variable frequency drive, solar lighting or reusable materials.
- h) Consider noise, odor, and vibration concerns and solutions.

Instrumentation and Control

- a) Design the pump station with adequate instrumentation, such as flow meter, level sensors, and alarms.
- b) Design interlock between instrumentation and equipment so that the pump station can be operated as HAND-OFF-AUTO.
- c) Design a SCADA compatible pump controller and electrical panel with modem capable of communicating either wireless or by wired data service connection with GWA central data. The design will have an automatic level control. The controller will notify GWA via telephone text of any high-level conditions, pump failures or power outage.

Electrical

- a) Analyze the existing electrical system in the area to determine if an electrical system upgrade is required.
- b) Perform load calculations to size an onsite backup power generator equipped with sound enclosure and fuel containment using Caterpillar generators. Caterpillar generators are

- required as GPA maintains these generators, and their inventory of spare parts and components are for Caterpillar generators.
- c) Provide 5 days of fuel storage in an above-ground tank with secondary fuel containment.
- d) Provide power to lighting, motors, SCADA system, instrumentation, as well as other items necessary for the pump station operations
- e) SCADA system for pump station. Include provisions for the location, housing and operations of the SCADA system. A backup dial out system might be required.

Deliverables:

Provide deliverables in accordance with GWA Guidelines.

- a) Public easement plat
- b) Environmental assessment report
- c) Geotechnical report
- d) Basis of Design Report
- e) Pre-Design workshop with GWA project team to review approach, methodologies, findings, and determine design basis

TASK 3 - Design Service

After the final BODR is approved, the consultant shall perform the following tasks to achieve the Final Design documents. Design shall conform with GWA Design Guidelines.

Subtask 3.1 - Meetings

DCA shall conduct monthly (or otherwise specified) design review meetings with GWA to review the design process, each design discipline status and issues, and project schedule. Consultant shall conduct design workshops at each milestone of development at 30%, 60%, 90%, and 100%, and prepare and submit all design review meeting agendas and minutes to GWA project team.

Subtask 3.2 - Permitting

DCA shall obtain the required construction permits signatures and approvals ready for construction. In addition, the consultant shall:

- a) Identify all permits required. Assist owner in preparing and obtaining all preconstruction permits. Permitting agencies may include the United States Army Corp of Engineers, Guam Environmental Protection Agency, Coastal Management, Department of Parks and Recreation, and the United States Fish and Wildlife Service.
- b) Comply with the National Environmental Policy Act (NEPA) in accordance with grant conditions.
- c) If required, conduct archival research and preparation of an Archaeological Monitoring and Data Recovery Plan (AMDRP). The Guam State Historic Preservation Office (SHPO) will likely require preparation of an AMDRP prior to any ground disturbance.
- d) Coordinate with relevant agencies such as the Guam Environmental Protection Agency (GEPA), Department of Public Works (DPW), etc. at the 30%, 60%, 90%, and 100% submittals. This includes submitting design documents and maintaining communication throughout the duration of the project and incorporating any relevant regulation requirements in the design.

Subtask 3.3 - Final Design Documents

DCA shall:

- a) Coordinate with and incorporate information from Project Manager.
- b) Conduct appropriate boundary and topographic surveys as necessary.
- c) Finalize equipment and instrument list.
- d) Finalize the engineering report developed from the BODR that documents all disciplines design basis, engineering calculation, final cost estimate, control narrative and supportive data. (3 copies).
- e) Prepare progress (30%) plans, specification, Class 2 (AACE) construction cost estimate, and contract documents, conforming to the GWA and Program Management Design Guidelines as to what should be included in this submittal. Additionally, include profiles, by-pass pumping (if required), and traffic control. Three hard copies of the design documents (11"x17" sized drawings) and a digital copy of the design documents are required.
- f) Allow two weeks for GWA to review 30% design. Incorporate adjudicated comments into the design and submit a formal response to each comment.
- g) Prepare progress (60%) plans, specifications, Class 2, (AACE) construction cost estimate, and contract documents, conforming to the GWA and Program Management Design Guidelines as to what should be included in this submittal. Additionally, include profiles, by-pass pumping (if required), and traffic control. Four hard copies of the design documents (1 set of 36"x24" sized drawings and 3 sets of 11"x17" sized drawings) and a digital copy of the design documents are required.
- h) Allow two weeks for GWA to review 60% design. Incorporate adjudicated comments into the design and submit a formal response to each comment.
- i) Prepare progress (90%) plans, specification, Class 1 (AACE) construction cost estimate, and contract documents, conforming to the GWA Design Guidelines. Four hard copies of the design documents (1 sets of 36"x24" sized drawings and 3 sets of 11"x17" sized drawings) and a digital copy of the design documents are required.
- j) Allow two weeks for GWA to review 90% design. Incorporate adjudicated comments into the design and submit a formal response to each comment.
- k) Prepare final (100%) "Issued for Bid" plans, specifications and contract documents, conforming to GWA and Program Management Design Guidelines. Five hard copies of the design documents (2 sets of 36"x24" sized drawings and 3 sets of 11"x17" sized drawings) an AutoCAD 2019, 2020 GWA GIS Mapping and a digital copy of the design documents are required.
- I) Follow all laws of Guam relative to procurements.
- m) Utilize GWA's latest procurement templates and ensure that no conflict exists between the procurement templates and any material or subject in the documents being produced. GWA's templates will control in the event of conflict such as between liquidated damages provisions, payment terms, etc.
- n) Prepare permit applications for all local authorities, highway departments, and other pipeline utilities.
- o) Provide digital copies of the final design documents
- p) All cost estimates shall conform to the guidelines of the Association for the Advancement of Cost Engineering International (AACE). During the design process, Consultant shall immediately notify the GWA when any design decision causes a significant cost increase to the project.
- q) Provide deliverables in accordance with GWA Guidelines. One hardcopy set of submittals and an electronic copy shall be submitted for all deliverables, not previously specified.

 r) Final design drawings shall also be submitted via electronic PDF and AutoCAD 2019 or earlier version.

The design will not be considered complete until all comments have been addressed and the design is completed and submitted to GWA for final approval.

It is anticipated that GWA will use a design-bid-build procurement method. Construction documents must be finalized prior to commencement of the formal bidding process, which has a target start date of September 2023.

TASK 4 - Contract Bidding Support

DCA shall provide the following services:

- a) Pre-Bid Meeting agenda and sign-in sheets, coordinate and facilitate the meeting with GWA, and record meeting minutes.
- b) Compile request for clarification, provide input or answer questions, and prepare addenda as needed
- c) Attend bid evaluation conference
- d) Review, evaluate and certify bid tabulations
- e) Provide a letter of recommendation for construction contract award.

TASK 5 - Engineering Support During Construction

DCA shall:

- a) Prepare final (100%) "Issued for Construction" conformed plans and specifications incorporating addenda and changes during the bid phase.
- b) Assist in preconstruction and partnering conferences.
- c) Attend construction meetings when requested.
- d) Review shop drawings, design calculations, samples, test results, and other data required to be submitted by the contractor for conformance with contract documents if requested by the Construction Manager (CM) or as required by specifications.
- e) Evaluate substitution requests to determine acceptability of substitute materials and equipment proposed by contractor if requested by CM or as required by specifications.
- f) If requested, conduct site visit during construction to determine general conformance or ensure compliance with design.
- g) Review contractor submittals, requests for additional information, change orders, schedule of values, and contractor's schedule and provide responses/comments, as necessary.
- h) Perform preliminary and final inspections and submit punch list.
- i) Provide Final Record Drawings based on marked-up construction drawings.

C. DESIGN PARAMETERS

The design shall be in accordance with the applicable criteria and standards of the American Water Works Association (AWWA), the Guam Waterworks Authority (GWA), the United States Environmental Protection Agency (USEPA), Guam Environmental Protection Agency (GEPA), and all parties which have interest in this project. All standards shall be of the most current edition, unless otherwise specified.

• American Water Works Association (AWWA)

- Guam Waterworks Authority (GWA)
- United States Environmental Protection Agency (USEPA)
- Guam Environmental Protection Agency (GEPA)
- Uniform Building Code (UBC)
- International Building Code (IBC)
- American National Standard Institution (ANSI)
- National Sanitation Foundation (NSF)
- American Society for Testing and Materials (ASTM) International
- American Concrete Institute (ACI)
- National Fire Protection Association (NFPA)
- American Association of State and Highway Transportation Officials (AASHTO)
- Other relevant standards

D. CONSTRUCTION COST LIMITATIONS

The project shall be designed to permit construction of the complete facility within a construction budget to be provided by the GWA after acceptance of the "Design Criteria". If the consultant during the preliminary cost analysis finds that the improvements cannot be built within the allotted amount, the matter shall be brought to the attention of the General Manager immediately. The General Manager may upon receipt of such notification, authorize a change in scope of materials as required to reduce the estimated construction cost to an amount within the funds available as authorized by law or he may elect to adjust the estimated construction budget. Consultant shall prepare a detailed construction cost estimate for the facility.

E. DESIGN AND CONSTRUCTION PERIOD

DCA shall recommend a construction contract period for this facility based upon required completion dates, actual availability of labor, materials, equipment, and shipping. The following tentative schedule shall be finalized after award of this design services contract.

Action Item	<u>Date</u>
Execution of Design Contract, NTP	11/2022
Complete design	9/2023
GWA issue IFB for construction	9/2023
Open bids, evaluate and select apparent low bidder	11/2023
Award contract	1/2024
Notice-to-Proceed to Contractor	1/2024
Anticipated project completion	12/2024

Legend Sewer Pump Station Wastewater Treatment Plant Sewer Manhole -- Proposed Gravity Sewer --- Proposed Sewer Forcemain Proposed Water Line Chamorro Land Trust This map was created on 4/5/2022 This map is a general presentation of collected data. All data must be field verified for accuracy.

A1APPENDIX A: LOCATION MAP

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Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913 Tel: (671) 300-6846/7

Issues for Decision

Resolution 06-FY2023

Relative to Approval of an Increase in Funding and Scope of Work for the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement Project; GWA Project No. M19-001-BND

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

The objective of the additional funding and subsequent contract modification, via a Change Order No. 3, is to complete the following needed work due to additional project requirements:

- 1. Installation of additional blowoff valve and air release valve (ARV) on Tai Rd.
- 2. Installation of additional ARV, removal/abandonment of old hydrant, change of connection fittings and increase length of new line at Blas St. due to site findings differing from plans
- 3. Installation of new 12" gate valve (GV), additional service meter connections to 12" waterline on Toto Canada Loop Rd., and increase in line size due to site conditions differing from contract plans.
- 4. Additional work and materials needed for additional service lines found on Taison Rd
- 5. Additional SEARCH Archeological monitoring services as required by SHPO

In addition to Change Order No. 3, additional contingency funds are being requested to address potential issues resulting from differing site conditions including:

- Tai Road: Possible expanded road restoration, traffic control, labor, and other costs needed and potential issues when connecting to Rt. 10 and additional archaeological monitoring imposed by the SHPO.
- Toto-Canada Loop: Adjustment of connections to the existing ACP line and new laterals found that were not included in the original bid.
- Taison Road: Potential archaeological monitoring requirements by SHPO.

This project is necessary and urgent in order to upgrade and replace existing waterlines that are old and leaking to reduce water loss in the distribution system.

Where is the project located?

- 1. Tai Road, off of Rt. 10, across from Father Duenas High School in Mangilao.
- 2. Blas Street, a short road just off of Toto Canada Loop Road in Mongmong-Toto-Maite.
- 3. Taison Road, a short road just off of Toto Canada Loop Road in Mongmong-Toto-Maite.
- 4. Toto Canada Loop Road in Mongmong-Toto-Maite

How much will it cost?

The change order proposal from Giant Construction is \$178,391.43

The current contract value with Giant Construction is \$2,535,035.89; and with the change order the total contract value will be \$2,713,427.32.

GWA management seeks to utilize the remaining contingency amount of \$96,764.11 approved by PUC Docket 22-04, and request for an additional <u>\$81,627.32</u> to fund the work for the new change order.

GWA Management also seeks approval of a contingency of \$271,342.73.

Total requested additional funding: \$352,970.05

When will it be completed?

All work is anticipated to be completed by the end of April 2023.

What is the funding source?

- 1. MP-PW-Pipe-12: Rehabilitation and Replacement Program
- 2. MP-PW-Pipe 13 2-inch Pipe Replacement Program
- 3. PW 09-03 Water Distribution System Pipe Replacement and Upgrades
- 4. IFCIP

The RFP/Bid responses (If applicable):

N/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. 06-FY2023

RELATIVE TO AN INCREASE IN FUNDING AND SCOPE OF WORK FOR THE TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT PROJECT; GWA PROJECT NO. M19-001-BND

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 intends to continue the waterline replacement program as part of GWA's efforts to reduce non-revenue water and make improvements to the system where service delivery should be improved; and

WHEREAS, GWA issued an Invitation for Bid (IFB-02-ENG2021) soliciting bid proposals from experienced, responsible, and responsive bidders to construct the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement project to upgrade and replace existing old and leaking waterlines of various diameters, lengths, and locations to reduce water loss in the water distribution system; and

WHEREAS, Resolution 19-FY2021 (See Exhibit A) and PUC Docket 21-03 (Exhibit B) approved GWA management to enter into contract with Giant Construction Corporation to construct the Base, Additive No. 1 and Additive No. 2 items in the amount of One Million Nine Hundred Forty-Five Thousand Seven Hundred Twenty Dollars (\$1,945,720.00), along with a ten percent (10%) contingency of One Hundred Ninety-Four Thousand Five Hundred Seventy-Two Dollars (\$194,572.00) to bring the total authorized funding amount to Two Million One Hundred Forty Thousand Two Hundred Ninety-Two Dollars (\$2,140,292.00); and

1 2

WHEREAS, Change Order No. 1 in the amount of Sixteen Thousand Three Hundred Eighteen Dollars (\$16,318.00) was issued to include archaeological services required by the State Historic Preservation Officer (SHPO), Department of Parks and Recreation; and

WHEREAS, Resolution 03-FY2022 (see Exhibit C) approved GWA to execute Change Order No. 2 in the amount of Five Hundred Fifty-Eight Thousand One Hundred Thirty-Five Dollars (\$558,135.00) to include the replacement of additional 1,052 LF of new waterline for Taison Rd., and increased the total authorized amount to Two Million Five Hundred Twenty Thousand One Hundred Seventy-Three Dollars (\$2,520,173.00); and

WHEREAS, PUC Docket 22-04 (see Exhibit D) approved a 20% contingency to Change Order No. 2 in the amount of One Hundred Eleven Thousand Six Hundred Twenty-Seven Dollar (\$111,627.00), to bring the total authorized amount to Two Million Six Hundred Thirty-One Thousand Eight Hundred Dollars (\$2,631,800.00); and

WHEREAS, GWA issued Change Order No. 2 in the amount of Five Hundred Seventy-Two Thousand Nine Hundred Ninety-Seven Dollars and Eighty-Nine Cents (\$572,997.89) to bring the total contract to Two Million Five Hundred Thirty Five Thousand Thirty Five Dollars and Eighty-Nine Cents (\$2,535,035.89), which exceeded the total authorized amount in Resolution 03-FY2022 by Fourteen Thousand Eight Hundred Sixty-Two Dollars and Eighty-Nine Cents (\$14,862.89), but remained under PUC Docket 22-04 total authorized amount of Two Million Six Hundred Thirty-One Thousand Eight Hundred Dollars (\$2,631,800.00); and

WHEREAS, GWA seeks to issue a contract modification with Giant Construction Corporation for additional work in the Change Order No. 3 as described below (See Exhibit E):

- Installation of additional blowoff valve and air release valve (ARV) on Tai Rd.;
 and
- Installation of additional ARV, removal/abandonment of old hydrant, and change of connection fittings and increase of new line at Blas St. due to actual site conditions differing from plans/contract documents; and

- 3. Installation of new 12" gate valve (GV) and additional seven new meter connections to 12" waterline on Toto Canada Loop Rd.; and
- 4. Additional increase of cost for upgrades along Taison Rd. not covered in Change Order 2; and
- 5. GRT/ Overhead for Archeological Monitoring Plan not covered in change order no. 1; and
- SEARCH Archeological Monitoring Services required by SHPO at Tai St. and Blas St.; and

WHEREAS, GWA seeks additional funding to rectify Change Order No. 2's exceedance of the CCU-authorized amount and for the additional Change Order No. 3 work stated above; and

WHEREAS, GWA seeks to increase the contract amount by One Hundred Seventy-Eight Thousand Three Hundred Ninety-One Dollars and Forty-Three Cents (\$178,391.43), to bring the total contract amount to Two Million Seven Hundred Thirteen Thousand Four Hundred Twenty-Seven Dollars and Thirty-Two Cents (2,713,427.32); and

WHEREAS, GWA further seeks to increase the total authorized funding to include 10% contingency in the amount Two Hundred Seventy-One Thousand Three Hundred Forty-Two Dollars and Seventy-Three Cents (\$271,342.73), bringing the total authorized funding amount under this resolution to Two Million Nine Hundred Eighty-Four Thousand Seven Hundred Seventy Dollars and Five Cents (\$2,984,770.05); and

WHEREAS, GWA Management seeks CCU approval to petition the Public Utilities Commission approval to increase the total authorized amount from Two Million Six Hundred Thirty-One Thousand Eight Hundred Dollars (\$2,631,800.00) to Two Million Nine Hundred Eighty-Four Thousand Seven Hundred Seventy Dollars and Five Cents (\$2,984,770.05); and

WHEREAS, funding shall be from the following sources:

1. MP-PW-Pipe 12 Rehabilitation and Replacement Program

- 2. MP-PW-Pipe 13 2-inch Pipe Replacement Program
- 3. PW 09-03 Water Distribution System Pipe Replacement and Upgrades
- 4. IFCIP

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the conditions set by GWA relative to commencement of subsequent work activities are fair and reasonable.
- 3. The CCU hereby authorizes the management of GWA to increase the total authorized funding to include 10% contingency in the amount Two Hundred Seventy-One Thousand Three Hundred Forty-Two Dollars and Seventy-Three Cents (\$271,342.73), bringing the total authorized funding amount under this resolution to Two Million Nine Hundred Eighty-Four Thousand Seven Hundred Seventy Dollars and Five Cents (\$2,984,770.05).
- 4. The CCU hereby approves the use of the following sources (Exhibit E):
 - a. MP-PW-Pipe 12 Rehabilitation and Replacement Program
 - b. MP-PW-Pipe 13 2-inch Pipe Replacement Program
 - c. PW 09-03 Water Distribution System Pipe Replacement and Upgrades
 - d. IFCIP
- 5. The CCU hereby approves GWA Management to petition the Public Utilities Commission approval to increase the total authorized amount from Two Million Six Hundred Thirty-One Thousand Eight Hundred Dollars (\$2,631,800.00) to Two Million Nine Hundred Eighty-Four Thousand Seven Hundred Seventy Dollars and Five Cents (\$2,984,770.05).

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

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DULY AND REGULARLY ADOPTED, this 29th day of November 2022. Certified by: Attested by: JOSEPH T. DUENAS Chairperson SECRETARY'S CERTIFICATE I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities evidenced by my signature above do hereby certify as follows: The foregoing is a full, true and accurate copy of the resolution duly adopted a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly a legally held at a place properly noticed and advertised at which meeting a quorum was pres and the members who were present voted as follows: AYES: NAYS: ABSENT: ABSTAIN:		
JOSEPH T. DUENAS Chairperson SECRETARY'S CERTIFICATE I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities evidenced by my signature above do hereby certify as follows: The foregoing is a full, true and accurate copy of the resolution duly adopted a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly a legally held at a place properly noticed and advertised at which meeting a quorum was presand the members who were present voted as follows: AYES: NAYS: ABSENT: ABSTAIN:	DULY AND REGULARLY ADO	OPTED , this 29 th day of November 2022.
SECRETARY'S CERTIFICATE I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities evidenced by my signature above do hereby certify as follows: The foregoing is a full, true and accurate copy of the resolution duly adopted a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly a legally held at a place properly noticed and advertised at which meeting a quorum was presand the members who were present voted as follows: AYES: NAYS: ABSENT: ABSTAIN: (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (5) (6) (7) (6) (7) (7) (7) (7) (7	Certified by:	Attested by:
I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities evidenced by my signature above do hereby certify as follows: The foregoing is a full, true and accurate copy of the resolution duly adopted a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly a legally held at a place properly noticed and advertised at which meeting a quorum was pres and the members who were present voted as follows: AYES: NAYS: ABSENT: ABSTAIN: MI MI MI MI MI MI MI MI MI		
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regular meeting by the members of the Guam Consolidated Commission on Utilities, duly a legally held at a place properly noticed and advertised at which meeting a quorum was presand the members who were present voted as follows: AYES: NAYS: ABSENT: ABSTAIN: ////		
NAYS: ABSENT: ABSTAIN: /// /// ///	regular meeting by the members of the G legally held at a place properly noticed an	uam Consolidated Commission on Utilities, duly and advertised at which meeting a quorum was prese
ABSENT: ABSTAIN: /// /// /// ///	AYES:	
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EXHIBIT A (page 1 of 19)



CONSOLIDATED COMMISSION ON UTILITIES Guam Power Authority | Guam Waterworks Authority

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

GWA RESOLUTION NO. 19-FY2021

RELATIVE TO CONTRACT APPROVAL FOR THE TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT PROJECT; GWA PROJECT NO. M19-001-BND

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 upgrade of service laterals and replacement of old and persistently leaking waterlines in various diameter, length, and location islandwide; and

WHEREAS, GWA intends to continue the waterline replacement program as part of GWA's efforts to reduce non-revenue water and make improvements to the system where service delivery has been below standard; and

WHEREAS, on January 7, 2021, GWA advertised the Invitation for Bid IFB-02-ENG-2021 for the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement soliciting bid proposals from experienced, responsible, and responsive bidders to provide construction services for service lateral upgrade and replacement of approximately 5,720 LF of existing 2-inch and 6-inch asbestos cement pipe (ACP) with new polyvinyl chloride (PVC) pipes ranging from 6-inch to 12-inch diameter and disconnection of existing branch waterline, service connections and other water appurtenance connections from an existing 6-inch ACP and reconnect to an existing 12-inch PVC waterline along Canada-Toto Loop; and

WHEREAS, IFB packages were obtained by multiple interested parties, of which four (4) parties submitted bids to GWA (see EXHIBIT A – Abstract of Bids) before the bid proposal deadline; and

WHEREAS, the bid opening conducted on February 26, 2021 revealed Mega United Corporation, Ltd. was the apparent lowest bidder for both Base Bid and Combined Bid (Base Bid + Additive Bid No. 1 + Additive Bid No. 2), however, further review and inquiries from apparent lowest bidder resulted in Mega United Corporation, Ltd. being deemed a non-responsive bidder (see EXHIBIT B – Bid Rejection); and

WHEREAS, GWA Engineering and design consultant subsequently analyzed the next apparent low Base Bid proposal submitted by InfraTech International and determined that InfraTech International was also deemed non-responsive for not submitting complete bid requirements and not meeting the required current and previous experience within the last five (5) years which indicated none of the projects listed give any indication that they are similar in nature to the work required (see EXHIBIT C – GWA letter to InfraTech International); and

WHEREAS, GWA Engineering and design consultant further analyzed the bid proposals received and determined that the bid package submitted by Giant Construction Corporation was the lowest responsive and responsible bid and met all the bid requirements set forth by GWA; and

WHEREAS, GWA Management seeks CCU approval of Giant Construction Corporation's combined bid (Base Bid + Additive Bid No. 1 + Additive Bid No. 2) proposal amount (SEE EXHIBIT D - Bid Proposal) of One Million Nine Hundred Forty-Five Thousand Seven Hundred Twenty Dollars (\$1,945,720.00), plus the ten percent (10%) contingency of One Hundred Ninety-Four Thousand Five Hundred Seventy-Two Dollars (\$194,572.00), to bring the total authorized funding amount to Two Million One Hundred Forty Thousand Two Hundred Ninety-Two Dollars (\$2,140,292.00); and

WHEREAS, GWA Management further seeks CCU approval to petition the Public Utilities Commission's approval of the contract given this project meets the Contract Review Protocol requirements for GWA projects for which the use of Bond funds is intended;

 WHEREAS, funding for this project will utilize 2020 Bond under the CIP PW 09-03 Water Distribution System Pipe Replacement and Upgrades and MP-PW-Pipe-12 Rehabilitation and Replacement Program funds.

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the conditions set by GWA relative to commencement of subsequent work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
- 3. The CCU hereby authorizes the management of GWA to accept the combined bid proposal from Giant Construction Corporation (Exhibit D).
- 4. The CCU hereby authorizes the management of GWA to enter into a contract with Giant Construction Corporation in the amount of One Million Nine Hundred Forty-Five Thousand Seven Hundred Twenty Dollars (\$1,945,720.00).
- 5. The CCU hereby approves the funding total of One Million Nine Hundred Forty-Five Thousand Seven Hundred Twenty Dollars (\$1,945,720.00), along with a 10% percent contingency of One Hundred Ninety-Four Thousand Five Hundred Seventy-Two Dollars (\$194,572.00), to bring the total authorized funding amount to Two Million One Hundred Forty Thousand Two Hundred Ninety-Two Dollars (\$2,140,292.00).
- 6. The CCU hereby approves the funding for this project will be from the 2020 Bond proceeds under the CIP PW 09-03 Water Distribution System Pipe Replacement and Upgrades and MP-PW-Pipe-12 Rehabilitation and Replacement Program funds.
- The CCU hereby further approves GWA management to petition the PUC's approval of the project and contract proposal.

RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption 1 of this Resolution. 2 3 **DULY AND REGULARLY ADOPTED**, this 27th day of April 2021. 4 5 Certified by: Attested by: 6 8 9 Chairperson Secretary 10 11 SECRETARY'S CERTIFICATE 12 13 I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as 14 evidenced by my signature above do hereby certify as follows: 15 The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular 16 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 17 present and the members who were present voted as follows: 18 19 AYES: 20 Ø NAYS: 21 Ø ABSENT: 22 23 ABSTAIN: 24 25 26 27 28 29 30 31 /// 32

ORIGINAL ORIGINAL

GUAM WATERWORKS AUTHORITY

Project Name: TAI ROAD/S-13 AND CANADA-TOTO-LOOP/BLAS STREET WATERLINE REPLACEMENT Project Number: M19-001-BND IFB NO.: IFB-02-ENG-2021

Bid Opening Date: February 26, 2021 Time: 3:00 PM

		ABS	ABSTRACT OF BIDS	BIDS								
					CERTIFIC	CERTIFICATIONS				ADDENDUM	Wn	
	BIDDERS NAME	Bid Bond	Bidder Cualification Statement Mon-Collusion	svebillA lsup3 lsupyolgm3	Opportunity Von-Segregated Von-Segregated	noM femployment of representations	Mans & sysW notisnimistsO	riablodaren? pivebilita	Special to motiousizer Evabbili		7	
ਜ	IAN CORPORATION	LEXON INSURANCE CO.	>	>	>	>	>	>	5	>	>	
7	GIANT CONSTRUCTION CORPORATION	PACIFIC INDEMINITY INC. CO.	>	>	>	>	>	>	>	>	>	
mi	INFRATECH INTERNATIONAL, LLC	∷ ₹	>	>	>	>	>	>	>	>	>	
4	MEGA UNITED	HEST NET INSUITABLE CO.	>	>	>	>	>	>	>	>	>	
<u>L</u>		BASE BID	Φ	ADDITIVE BID NO. 1	NO. 1			ADDIT	ADDITIVE BID NO. 2	¥0.2		GRAND TOTAL
<u></u>	IAN CORPORATION	\$ 1,276,796.75	2 2	\$ 295.349.34	49.3	4	79	\$ 458, G13.51	20,	Ľ		\$ 2,030,758.60
7	GIANT CONSTRUCTION CORPORATION	\$ 1,554,690.00	**	\$ 162,040.00	94	Я	\$	\$ 228,990.00	99.	8		\$1,945,720.00
mi	INFRATECH INTERNATIONAL, LLC	\$1.161,211.39	7 🚯	\$ 464,620.45	20.	45	Ħ	\$ 669,459.14	450	4		\$ 2,295,290.98
4	MEGA UNITED	\$ 907,290.00	₩)	\$ 126,320.00	320.0	8	#7	\$ 228,260.00	,260	8		\$ 1,261,870.00
	GWA Engineer's Estimate	\$2,073,757.14	Ş	\$207,567.82	7.82			\$35	\$352,762.63	63		\$2,634,087.59
	Bids Opered and Read by:	Tabulated By:	GWA Procurement Representative:	nnt Represe	ntative:		Witness:		0.0			

ROLAND LUMONGSUD

Exhibit B



March 10, 2021

Mr. Zumin Zhang President Mega United Corporation, LTD P.O. Box 8620 Tamuning, Guam 96931

Project: Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement

GWA Project No. M19-001-BND

Subject: Bid Rejection

Hafa Adai Mr. Zhang,

This is in response to your letter dated March 9, 2021 advising the Guam Waterworks Authority (GWA) that Mega United Corporation LTD (Mega United) made the decision to decline the above referenced project despite being apparent low bidder. You stated the decision was made due to errors resulting from miscalculations of quantities and material costs for numerous line items submitted in the bid proposal.

Because Mega United is nonresponsive, your bid is hereby rejected and GWA will not award the project to Mega United in accordance with Article 16 – Modification and Withdrawal of Bid, Section 16.03 and Article 19 – Evaluation of Bids and Award of Contract, Section 19.01 as rejecting your bid is in the best interest of GWA.

We are returning herewith your bid security (Bid Bond) in accordance with the bid requirements. Should you have any questions, please submit them in writing to Gloria Bensan of Engineering Division at gpbensan@guamwaterworks.org.

Sincerely,

MIGUEL C. BORDALLO, P.E

General Manage

Enclosure

Exhibit C



GUAM WATERWORKS AUTHORITY

Aturidat Kinalamten Hanom Guahan "Better Water. Better Lives."

Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913 P.O. Box 3010, Hagàtha, Guam 96932 Tel. No. (671) 300-6846/48 Fax No. (671) 648-3290

March 29, 2021

Ravindra B. Gogineni Vice President InfraTech International, LLC 118 Aspengao Ct. Barrigada, Guam 96913

Project: IFB-02-ENG-2021

Tai Road/S-13 and Canada-Toto-Loop/Blas Street Waterline Replacement

GWA Project No. M19-001-Bond

Subject: Bid Evaluation

Hafa Adai Mr. Gogineni,

This is in response to your email dated March 26, 2021 requesting additional information why InfraTech is not awarded the project when it is the 2nd lowest bidder (Base Bid).

The Guam Waterworks Authority (GWA) and its design consultant carefully evaluated all bids received and decided to award the combined bid (Base Bid, Additive Bid No. 1, and Additive Bid No. 2) to the lowest responsive and responsible bidder who submitted the lowest combined bid and met the requirements of the bid. The determination of award was in accordance with Article 19 – Evaluation of Bids and Award of Contract of the Instruction to Bidders.

Bid Analysis for InfraTech International, LLC:

- The Contractor is not licensed with a C-17 (Excavating, Grading & Trenching) and C-37 (Plumbing) classification, which are classifications associated with the type of work to be performed under this project and there is no indication of any major suppliers that might be qualified with these classifications.
- The Contractor's current and previous experience within the last 5 years only shows a few projects that are utility related, but all are on-going project and have not been completed. None of the projects listed give any indication that they are similar in nature to the work required under this project.
- 3. The Contractor mis-informed the contact information on the Asan-Adelup-Hagatna, Route 1 Sewerline Rehabilitation and Replacement by stating that the Owner is Duenas, Camacho & Associates, instead of Guam Waterworks Authority, and listed the Design Engineer as mi-Tech, instead of HDR, Inc. or HDR Engineering, Inc., whom were the designers for that project.
- 4. The Contractor is missing Schedule C (Major Equipment) as required under page 8 of Section 00460 Qualifications Statement.
- 5. The Contractor only provided "unaudited" balance sheets for the last 3 years and not "audited" balance sheets as required under page 8 of Section 00460 Qualifications Statement. These "unaudited" balance sheets state to see accompanying review of independent accountants, however, those were not provided.

- The Contractor did not provide any evidence of authority for individuals to bind organization to an agreement as required under page 8 of Section 00460 – Qualifications Statement.
- The Contractor did not provide resumes of officers and key individuals (including Safety Officer) of the firm as required under page 8 of Section 00460 – Qualifications Statement.
- 8. The Contractor did not provide the required safety program submittals or acknowledge that there are none as required under page 6 & 8 of Section 00460 Qualifications Statement.
- 9. The bid form submitted by Infratech International, LLC., had one mathematical calculation error in the base bid. Per the Instructions to Bidders, Article 14.01, Item C, the sum total for a unit price bid item shall favor the unit prices provided. In the bid tabulation, the unit prices were held and multiplied against the quantities that were provided in the bid schedule and the new totals were calculated.
- 10. The bid submitted was less than the engineer's estimate by 56.0% for the base bid and 87.1% for the overall total. The bid supplied was more than the engineer's estimate by 223.8% for additive bid #1 and 189.8% for additive bid #2.
- 11. This submitted bid for the additive bid #1 and additive bid #2 is considerably higher than expected and the grand total for base bid and all additive bids is this highest amongst all of the bidders.

Should you have any questions, please email Gloria Bensan at gpbensan@guamwaterworks.org within two (2) days after receipt of this letter.

Sincerely

for:

MIGUEL C. BORDALLO, P.E.

General Manager

MCB/gb

Exhibit D

BID FORM

ORIGINAL

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. 1	Feb. 16, 2021
Addendum No. 2	Feb. 17, 2021

- 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 <u>observable</u> 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.

Section 00410 Bid Form (Addendum No. 1)

- 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 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:
 - "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;
 - "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;
 - "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.

Section 00410 Bld Form (Addendum No. 1)

ART			

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

Section 00410 Bid Form (Addendum No. 1)

GUAM WATERWORKS AUTHORITY

TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT DESIGN GWA Project No. M19-001-BND

UNIT PRICE BID FORM

Base Bid Description: Tai Road and Canada-Toto Loop Work

Work consists of replacing an existing 6-inch asbestos cement pipe (ACP) water line with a new 8-inch polyvinyl chloride (PVC) water line and reconnecting all branch water lines, service connections and other water appurtenance connections, and performing disinfection of the new PVC water line and providing temporary traffic control as necessary to complete the work along Tai Road. Additional work consists of reconnecting existing branch water lines, service connections and other water appurtenance connections from an existing 6-inch ACP water line to an existing 12-inch PVC water line along Canada-Toto Loop and providing temporary traffic control as necessary to complete the work along Canada-Toto Loop.

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	Lump Sum	\$ 228,000.00	1	\$ 228,000.00
2	Erosion Control Measures (Includes silt fence and all other required temporary best management practices necessary to control sediment runoff)	Lump Sum	\$40,000.00	1	\$ 40,000.00
3	2" PVC Pressure Pipe (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$145.00	48	\$ <u>6,960.00</u>
4	6" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$ 160.00	135	\$21,600.00
5	8" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$176.00	3,640	\$ 640,640.00
6	12" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$600.00	111	\$ 66,600.00

Section 00410 Bid Form (Addendum No. 1)

item No.	Description	Unit	Unit Price	Qty	Bid Amount
7	12" Gate Valve	Ea.	\$5,000,00	4	\$
8	8" Gate Valve	Ea.	\$ 4,500.00	4	\$ 18,000.00
9	6" Gate Valve	Ea.	\$ 3,800.00	9	\$ 34,200.00
10	1" Service Line	Lin. Ft.	\$ 87.00	1,264	\$ 109,968.00
11	1-1/2" Service Line	Lin. Ft.	\$92.00	321	\$ 29,532.00
12	Reconnection of 3/4" Single Meter Installation on 8-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$\$,750.00	19	\$ 52,250.00
13	Reconnection of 3/4" Single Meter Installation on 12-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$\$	19	\$ 55,480.00
14	Reconnection of 3/4" Dual Meter or Multi-Meter installation on 8- inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$2,850.00	9	\$ 25,650.00
15	Reconnection of 3/4" Dual or Multi- Meter Installation on 12-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$\$	7	\$20,860.00
16	Reconnection of 2" Water line on 8-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$\$	3	\$8,400.00
17	Reconnection of 2" Water line on 12-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$\$	1	\$2,850.00
18	Reconnection of Fire Hydrant Assembly on 8-inch Water Main (Includes Tapping Sleeve and all Fittings necessary to make the reconnection)	Ea.	\$8,000.00	2	\$16,000.00
19	Reconnection of Fire Hydrant Assembly on 12-inch Water Main (Includes Tapping Sieeve and all Fittings necessary to make the	Ea.	\$8,400.00	2	\$ 16,800.00

Section 00410 Bid Form (Addendum No. 1)

item No.	Description	Unit	Unit Price	Qty	Bid Amount
	reconnection)				
20	Fire Hydrant Assembly (Includes 5 L.F of 6-inch PVC lateral service line and all pipe, bends and thrust blocks necessary to complete the installation)	Ea.	\$6,800.00	3	\$ 20,400.00
21	Combination Air Release Valve in Valve Box	Ea.	\$ 5,500.00	2	\$ 11,000.00
22	Relocate Meter Box and Assembly	Ea.	\$	5	\$ 23,500.00
23	Pressure Testing and Disinfection of New Waterline and Service Connections (Tai Rd. and Canada- Toto Loop)	Lump Sum	\$20,000.00	1	\$ 20,000.00
24	Fittings	Tons	\$ 8,000.00	2	\$ 16,000.00
25	Traffic Control including traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	\$ 45,000.00	1	\$ 45,000.00
26	As-builts	Lump Sum	\$ 5,000.00	1	\$ 5,000.00
	BASE BID (TOTAL Items 1	through	26, inclusive)		\$_1,554,690.00

(Please write out total bid amount in words below)

§ One Million Five Hundred Fifty Four Thousand Six Hundred Ninety Exactly

Section 00410 Bid Form (Addendum No. 1)

GUAM WATERWORKS AUTHORITY

TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT DESIGN GWA Project No. M19-001-BND

UNIT PRICE BID FORM

Additive Bid #1 Description: S-13 Road Work

Replacing an existing 2-inch water line with a new 6-inch water line along S-13 and reconnecting all service connections and other water appurtenance connections.

item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization (For additional costs associated with bonding, insurance and permits for this additive bid)	Lump Sum	\$ 28,000.00	1	\$ 28,000.00
2	Erosion Control Measures (Includes silt fence and all other required temporary best management practices necessary to control sediment runoff)	Lump Sum	\$3,500.00	1	\$3,500.00
3	6" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$135.00	680	\$91,800.00
4	1" Service Line	Lin. Ft.	\$120.00	112	\$ 13,440.00
5	Reconnection of 3/4" Single Meter Installation on 6-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)		\$1,800.00	5	\$9,000.00
6	2" Temporary Blowoff Assembly in Vault (Complete in Place)	Lump Sum	\$5,000.00	1	\$5,000.00
7	Pressure Testing and Disinfection of New Waterline and Service Connections (S-13 Rd.)	Lump Sum	\$4,000.00	1	\$ 4,000.00

Section 00410 Bid Form (Addendum No. 1)

8	Fittings	_	I .		
		Tons	\$ 10.000.00	0.1	\$ 1,000.00
9	Traffic Control including traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	\$ 4,500.00	1	\$4,500.00
10	As-builts	Lump Sum	\$1,800.00	1	\$ 1,800.00
	ADDITIVE BID #1 (TOTAL It	ems 1 th	rough 10. inclusive)		\$ 162,040.00
	(Please wri	ite out to	tal bid amount in words b	elow)	

Section 00410 Bid Form (Addendum No. 1)

GUAM WATERWORKS AUTHORITY

TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT DESIGN GWA Project No. M19-001-BND

UNIT PRICE BID FORM

Additive Bid #2 Description: Blas Street Work

Work consists of replacing an existing 6-inch ACP water line with a new 6-inch PVC water line along Blas Street and reconnecting all service connections and other water appurtenance connections.

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization (For additional costs associated with bonding, insurance and permits for this additive bid)	Lump Sum	\$ 38,000.00	1	\$ 38,000.00
2	Erosion Control Measures (Includes silt fence and all other required temporary best management practices necessary to control sediment runoff)	Lump Sum	\$8,400.00	1	\$8,400.00
3	6" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft.	\$85.00	1,152	\$97,920.00
-4	6" Gate Valve	Ea.	\$ 3,500.00	1	\$3,500.00
5	1" Service Line	Lin. Ft.	\$ 60.00	142	\$ 8,520.00
6	Reconnection of 3/4" Single Meter Installation on 6-inch Water Main (Includes Service Saddle and all Fittings necessary to make the reconnection)	Ea.	\$2,900.00	6	\$17,400.00

Section 00410 Bid Form (Addendum No. 1)

ltem No.	Description	Unit	Unit Price	Qty	Bid Amount
7	Fire Hydrant Assembly (Includes 5 L.F of 6 inch PVC lateral service line and all pipe, bends and thrust blocks necessary to complete the installation)	Ea.	\$6,800.00	1	\$6,800.00
8	2" Permanent Blowoff Assembly in Vault (Complete in Place)	Lump Sum	\$ 5,200.00	1	\$5,200.00
9	Combination Air Release Valve in Valve Box	Ea.	\$5,500.00	2	s <u>11,000.00</u>
10	Pressure Testing and Disinfection of New Waterline and Service Connections (Blas St.)	Lump Sum	\$12,500.00	1	\$ 12,500.00
11	Fittings	Tons	\$ 8,500.00	0.7	\$ 5,950.00
12	Traffic Control Including traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	\$10,000.00	1	\$10,000.00
13	As-builts	Lump Sum	\$\$\$	1	\$3,800.00
	ADDITIVE BID #2 (TOTAL IN	ems 1 th	rough 13, inclusive)		\$ 228,990.00
	(Please wr	ite out to	tal bid amount in words bel	low)	
\$ <u>T</u> w	o Hundred Twenty Eight Th	nousnad	Nine Hundred Ninety	Exact	ly

Section 00410 Bid Form (Addendum No. 1)

GUAM WATERWORKS AUTHORITY

TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT DESIGN GWA Project No. M19-001-BND

SUMMARY O	FBIDS
BASE BID (TOTAL Items 1 through 26, inclusive)	\$1,554,690.00
ADDITIVE BID #1 (TOTAL Items 1 through 10, inclusive)	\$ 162,040.00
ADDITIVE BID #2 (TOTAL Items 1 through 13, inclusive)	\$ 228,990.00
GRAND TOTAL BASE BID + ADDITIVE BID #1 TO ADDITIVE BID #2	\$ 1,945,720.00
(Please write out grand total bid	l amount in words below)
\$ One Million Nine Hundred Forty Five Thousa	and Seven Hundred Twenty Exactly

Section 00410 Bid Form (Addendum No. 1)

EXHIBIT B (Page 1 of 5)

BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN RE: REQUEST BY THE GUAM)	GWA Docket 21-03
WATERWORKS AUTHORITY FOR)	
APPROVAL OF THE BID AND)	
PROPOSED CONTRACT WITH GIANT)	ORDER
CONSTRUCTION CORPORATION FOR)	
THE TAI ROAD/S13 AND CANADA-)	
TOTO LOOP/BLAS STREET)	
WATERLINE REPLACEMENT PROJECT)	

INTRODUCTION

- This matter comes before the Guam Public Utilities Commission ["PUC"] upon the Petition of the Guam Waterworks Authority ["GWA"] for approval of the Bid and Proposed Contract with Giant Construction Corporation for the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project.¹
- GWA indicates that there has been an increasing frequency of water outages in the Canada-Toto Loop area. To remedy this issue, GWA has put together this fast-track replacement CIP procurement.²
- Due to the exigent nature of the work to be performed, GWA filed its petition and requested a hearing for this month's PUC Meeting.³

BACKGROUND

 On January 7, 2021, GWA advertised the Invitation for Bid IFB-02-ENG-2021 for the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline replacement.⁴

¹ GWA Petition for Approval of the Bid and Proposed Contract with Giant Construction Corporation for the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project, GWA Docket 21-03, filed April 14, 2021.

 $^{^2}$ Letter from GWA General Counsel Kelly Clark to PUC ALJ Fred Horecky, dated April 13, 2021. 3 Id.

- 5. The IFB solicited bid proposals to provide construction service lateral upgrade and replacement of approximately 5,720 LF of existing 2-inch and 6-inch asbestos cement pipe (ACP), with new polyvinyl chloride (PVC) pipes ranging from 6-inch to 12-inch diameter and disconnection from an existing 6-inch ACP, and reconnect to an existing 12-inch PVC waterline along Canada-Toto Loop.⁵
- 6. On February 26, 2021, GWA received a total of four (4) bid proposals. However, after a voluntary declination of the project by the lowest bidder ("MEGA United"), and the disqualification of the second lowest bidder ("Infra Tech International"), GWA determined that the bid proposal submitted by Giant Construction Corporation was the lowest responsive and responsible bid, meeting all the bid requirements set forth by GWA.6
- 7. The total bid of Giant Construction is the amount of \$1,945,720.00, which includes the Base Bid, an additive Bid No. 1, and additive Bid No. 2.7
- GWA has added a ten percent (10%) contingency of \$194,572.00 to the Contract, bringing the total authorized funding amount to \$2,140,292.00. The pricing proposal of Giant Construction (Exhibit D to GWA's Petition) is attached to the ALJ Report hereto as Exhibit "1".
- The ALJ filed his Report herein dated April 19, 2021. The PUC adopts the conclusions and recommendations therein.

⁴ GWA Petition, Id., at p. 1.

⁵ Id., at pgs. 1-2.

⁶ Id., at p. 2.

⁷ Id.

DETERMINATIONS

- 10. As GWA states, the Contract with Giant Construction Corporation must have prior PUC approval because its total price exceeds \$1,000,000.00.8
- 11. GWA indicates that, to resolve the recurring waterline breaks along the Tai Road, S13 and Canada-Toto Loop/Blas Street, the existing meters will need to be disconnected from an existing 6-inch asbestos cement pipe (ACP) and then reconnected to the existing 12-inch PVC waterline. This project will also replace old and persistently leaking 2-inch and 6-inch ACP with new polyvinyl chloride (PVC) pipe ranging from 6-inches to 12-inches in diameter, including upgrade of service laterals of various lengths, along Tai Road, S13, and Blas Street.⁹
- 12. GWA has established that the increasing frequency of water outages in the Canada-Toto Loop area has caused a "serious issue" to the customers in that area. Expeditious action, in the form of the contract with Giant Construction Corporation, is necessary and prudent.
- 13. The PUC should approve GWA's bid and Proposed Contract for the Waterline Replacement Project so that these serious issues can be addressed as soon as possible.

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⁸ Contract Review Protocol for Guam Waterworks Authority, Docket 00-04, dated October 27, 2005 at par. 1(a).

⁹ Id., at pgs. 2-3.

14. This project is consistent with GWA's waterline replacement program, which seeks to reduce the non-revenue water rate, as well as to improve the system where service delivery has been below standard.¹⁰

ORDERING PROVISIONS

Upon consideration of the record herein, the Petition of GWA, the ALJ Report, and for good cause shown, on motion duly made, seconded, and carried by the affirmative vote of the undersigned Commissioners, the Commission hereby **ORDERS** that:

- Invitation for Bid IFB-02-ENG-2021 for the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement and the Contract with Giant Construction Corporation for the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project are approved.
- GWA is authorized to expend up to the amount of \$2,140,292.00 for the Contract with Giant Construction Corporation.
- 3. GWA should file the final Contract with PUC.
- 4. GWA is ordered to pay the Commission's regulatory fees and expenses, including, without limitation, consulting and counsel fees and the fees and expenses of conducting the hearing proceedings. Assessment of PUC's regulatory fees and expenses is authorized pursuant to 12 GCA §§12103(b) and 12125(b), and Rule 40 of the Rules of Practice and Procedure before the Public Utilities Commission.

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¹⁰Id., at p. 3.

Dated this 29th day of April 2021.

Jeffrey C. Johnson

Chairman

Joseph M. McDonald Commissioner

Patan Manting In

Peter Montinola Commissioner

Pedro S.N. Guerrero Commissioner Rowena E Perez-Camacho Comprissioner

Michael A. Pangelinan Commissioner

Doris Flores Brooks Commissioner

EXHIBIT C (Page 1 of 12)



CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | [671]649-3002 | guamccu.erg

GWA RESOLUTION NO. 03-FY2022

RELATIVE TO CHANGE ORDER NO. 2 CONTRACT APPROVAL FOR THE TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT PROJECT; GWA PROJECT NO. M19-001-BND

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 intends to continue the waterline replacement program as part of GWA's efforts to reduce non-revenue water and make improvements to the system where service delivery has been below standard; and

WHEREAS, on April 27, 2021, the CCU approved via Resolution 19-FY2021 for GWA management to enter into contract with Giant Construction Corporation to construct the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement project to upgrade and replace existing old and leaking waterlines of various diameters, lengths, and locations to reduce water loss in the water distribution system; and

WHEREAS, the above noted resolution approved the funding total of One Million Nine Hundred Forty-Five Thousand Seven Hundred Twenty Dollars (\$1,945,720.00), along with a ten percent (10%) contingency of One Hundred Ninety-Four Thousand Five Hundred Seventy-Two Dollars (\$194,572.00) to bring the total authorized funding amount to Two Million One Hundred Forty Thousand Two Hundred Ninety-Two Dollars (\$2,140,292.00); and

WHEREAS, one of the line replacement locations included as part of Giant Construction's scope of work is the arterial Canada-Toto Loop Road which calls for branch waterlines, service connections and other water appurtenances to be disconnected from the existing and breakage-prone 6-inch diameter asbestos cement pipe (ACP) and reconnected to an existing 12-inch diameter polyvinyl chloride (PVC) watermain; and

WHEREAS, Taison Road, a branch road connected to the Canada-Toto Loop having existing revenue meters all located at the intersection of Canada-Toto/Taison Road connected to the existing 6-inch ACP line and leading to long runs of 1 to 1 1/4-inch galvanized pipe to the houses further down the road; and

WHEREAS, this configuration of service lateral connections for residents along Taison Road results in water flow and pressure issues which will not be improved by the original scope of construction for the waterline replacement at Canada-Toto Loop; and

WHEREAS, GWA management seeks to change order the existing contract scope with Giant Construction Corporation to replace the existing 1 to 1 ¹/₄-inch galvanized pipe along Taison Road with new 6-inch diameter PVC pipes, install fire hydrants for fire protection, and relocate existing service water meters from the entrance of Taison Road to the front of each house; and

WHEREAS, Dueñas, Camacho & Associates, Inc. (DCA), the Construction Management (CM) consultant firm overseeing the construction of the project negotiated with Giant Construction Corporation to replace the existing 1 to 1 ¼-inch galvanized waterline to 6-inch PVC pipe (See Exhibit A) along Taison Road; and

WHEREAS, GWA Management seeks CCU approval of the Change Order No. 2 with Giant Construction Corporation to replace the existing 1 to 1 ¼-inch diameter waterline along Taison Road with 6-inch diameter PVC pipes complete in place at a cost of Five Hundred Fifty-Eight Thousand One Hundred Thirty-Five Dollars (\$558,135.00); and

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WHEREAS, GWA Management previously approved the Change Order No. 1 for Giant Construction Corporation to obtain the services of an archaeological firm to prepare the archaeological research design for Tai Road and Blas Street/Canada-Toto Loop intersection as required by the Department of Parks and Recreation - State Historic Preservation Office ((DPR-SHPO) at a cost of Sixteen Thousand Three Hundred Eighteen Dollars (\$16,318.00) which brought the total construction contract value to One Million Nine Hundred Sixty Two Thousand Thirty Eight Dollars (\$1,962,038.00) (See Exhibit B); and

WHEREAS, the adjusted total authorized contract value of One Million Nine Hundred Sixty-Two Thousand Thirty-Eight Dollars (\$1,962,038.00) plus the proposed Change Order No. 2 amount of Five Hundred Fifty-Eight Thousand One Hundred Thirty-Five Dollars (\$558,135.00) will bring the total authorized contract amount to Two Million Five Hundred Twenty Thousand One Hundred Seventy-Three Dollars (\$2,520,173.00); and

WHEREAS, funding for the proposed Change Order No. 2 will utilize 2020 Bond under the MP-PW-Pipe-12 Rehabilitation and Replacement Program funds; and

WHEREAS, GWA Management further seeks CCU approval to petition the Public Utilities Commission's approval of the Change Order No. 2 as may be required under the Contract Review Protocol requirements for GWA projects.

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the conditions set by GWA relative to commencement of subsequent work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
- 3. The CCU hereby authorizes the management of GWA to accept the Change Order proposal from "Giant Construction Corp." attached hereto as Exhibit A, and which is incorporated into this Resolution in its entirety.

- 4. The CCU hereby further authorizes GWA management to execute the Change Order No. 2 with "Giant Construction Corp.", in the amount of Five Hundred Fifty-Eight Thousand One Hundred Thirty-Five Dollars (\$558,135.00).
- 5. The CCU hereby further approves the increase contract value of One Million Nine Hundred Sixty-Two Thousand Thirty-Eight Dollars (\$1,962,038.00) plus the Change Order No. 2 amount of Five Hundred Fifty-Eight Thousand One Hundred Thirty-Five Dollars (\$558,135.00) to bring the total authorized contract amount to Two Million Five Hundred Twenty Thousand One Hundred Seventy-Three Dollars (\$2,520,173.00);
- The CCU hereby approves the funding for the Change Order No. 2 will be from the 2020 Bond proceeds under the MP-PW-Pipe-12 "Rehabilitation and Replacement Program".
- The CCU hereby further approves GWA management to petition the PUC's approval of the Change Order No. 2 as may be required under the Contract Review Protocol.

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

DULY AND REGULARLY ADOPTED, this 26th day of October 2021.

Certified by:

JOSEPH T. DUENAS

Chairperson

Attested by:

MICHAEL T. LIMTIACO

Secretary

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: NAYS: ABSENT: ABSTAIN: /// ///



EXHIBIT - A
Website: www.dcaguam.com

August 16, 2021

Miguel C. Bordallo, P.E.

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

Attn: Gloria Bensan, Project Manager, Guam Waterworks Authority

Via: Email: gpbensan@guamwaterworks.org

Ref: Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement

Project No. M19-001-BND

Subject: Change Order Recommendation for New 6-inches Waterline at Taison Road

Sir / Ma'am,

This letter is in referenced to the review and analysis performed by Duenas Camacho and Associates, Inc. to the latest cost proposal submitted by GIANT Construction Corporation dated August 13, 2021. The proposal is in response to Guam Waterworks Authority's additional requirement under Project No M19-001-BND to install new 6-inches waterline along Taison Road (see Attachment) and replace the existing 2-inches waterline. Comparison and analysis was done in referenced to Additive Bid #01 wherein the same scope of work at S-13 Road was submitted and being part of the existing contract. Pricing on a couple of line items such as mobilization and installation of new 6-inches PVC line that shows significant unit cost increase was discussed with the Contractor. Reasonable explanation that clarifies the Resident Project Representatives' (RPR) concern leads to the acceptance of the said change proposal which also includes the cost to cover the design aspect.

Recommendations:

DCA, Inc. recommends that Change Order #02 be awarded to the Contractor with the total lump sum amount of *Five Hundred Fifty Eight Thousand One Hundred Thirty Five and 00/100 Dollars* (\$558,135.00) that includes Tax, Bonds & Insurance, and Contractor's Fees. The total project cost is summarized below:

Original Contract Amount	\$1,945,720.00
Change Order #01 (Additive – Archeological Consultancy Service)	\$16,318.00
Current Contract Amount	\$1,962,038.00
Change Order #02 (Additive – Taison Road Waterline)	\$558,135.00
New Contract Amount (up to CO#02)	\$2,520,173.00
7-1	

ENGINEERING * PLANNING * SURVEYING * ENVIRONMENTAL SERVICES * GEOGRAPHIC INFORMATION SYSTEM * CONSTRUCTION MANAGEMENT GUAM P.O. Box 8900, Tamuning, Guam 96931 / 238 E. Marine Corps Drive, Suite 201 Diamond Plaza, Hagatña, GU 96910 / Tel: (671) 477-7991 / Fax: (671) 479-6315 SAIPAN Caller Box PPP, Suite 164, Saipan, MP 96950 / Chalan Pale Arnold, Ada's Building South Garapan, Saipan 96950 / Tel: (670) 234-9017 / Fax: (670) 234-3842

August 24, 2021

Time Extension Request:

Contractor did not include any time extension request related to this additive Change Order. Hence, project duration to substantial completion remains at 365 Calendar Days from issued date of notice to proceed. Should the Contractor later request for such time extension with supporting justification, evaluation will be done and separate recommendation will be submitted to the Owner for further review and acceptance.

Regards,

Kenneth M. Rekdahl, PE

Dueñas, Camacho and Associates Resident Project Representative

Cc:

Rodolfo Gasal, DCA Editha B. Thompson, DCA



Aug. 13, 2021

Guam Waterworks Authority

Mr. Miguel Bordallio General manager P.O. Box 3010 Hagatna, Guam 96913

Attention: Mr. Mauryn McDonald P.E. / Acting Chief Engineer

Project: Tai Road/S-13 and Canada-Toto Loop/Blas Street Water line Replacement

GWA Project No. M19-001-BND

Subject: Proposal of Taison Road 6 inch PVC water line and serice lateral and connection work

GUAM WATERWORKS AUTHORITY TAI ROAD/5-13 AND CANADA/TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT

GWA Project No. M19-001-BND

UNIT PRICE of Additional work in Taison Road

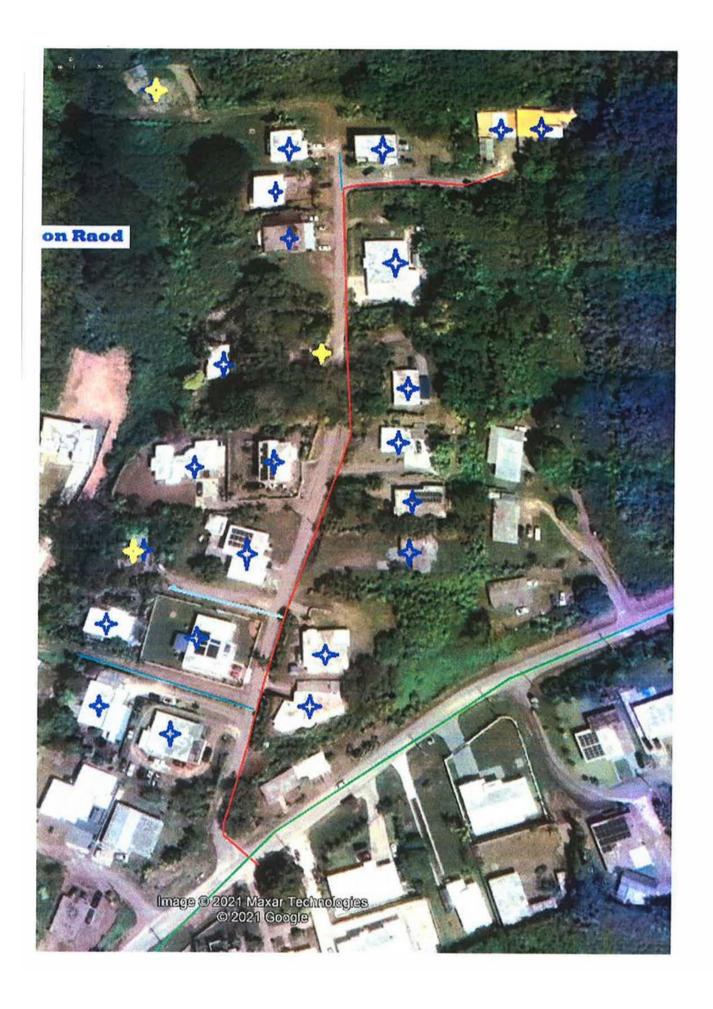
Additional Work Order Taison Road breakdown

Work consists of replacing an existing linch and 2 inch water line to a new 6 inch PVC water line along the Taison Road and reconnecting all service connections,. New 6 inch water line connect to existing 12" main line on the Canada-Toto Loops.

Item No	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization (For additional costs associated with bonding, insurance and permits for this additive bid)	Lump Sum	\$ 78,000.00	1	\$ 78,000.00
2	Erosion Control Measures (Includes silt fence and all other required temporary best management practices necessary to control sediment runoff)	Lump Sum	\$ 8,400.00	1	\$ 8,400.00
3	6" PVC Pressure Pipe Class 235 psi (DR 18) (Includes excavation, bedding, pipe, backfill and any necessary asphalt or grass replacement)	Lin. Ft	<u>\$</u> 175.00	1,052	\$ 184,100.00
4	1" Service Line	Lin. Ft	\$ 105.00	325	\$ 34,125.00
5	Reconnection of 3/4" Single Meter installation on 6-inch Water Main (Includes Service Saddle and all Fittings necessary to make the	EA	\$ 2,900.00	24	\$ 69,600.00
6	Fire Hydrant Assembly (Includes 5 LF of 6 inch PVC lateral service line and all pipe, bends and thrust blocks nessary to complete the installation)	EA	\$ 7,000.00	2	\$ 14,000.00
7	2" Permanent Blowoff Assembly in Valut (Complete in Place)	Lump Sum	\$ 5,200.00	1	\$ 5,200.00
8	Combination Air Release Valve in valve box	Lump Sum	\$ 5,500.00	1	\$ 5,500.00

	(Please write out tota	l bid amo	unt in	words below		
Additional work Proposal of Taison Road (TOTAL Item 1 through 17, inclusive)					\$ 558,135.0	
17	Design work include survey work	Lump Sum	\$	20,000.00	1	\$ 20,000.0
16	As-Builts drawings	Lump Sum	\$	5,000.00	1	\$ 5,000.0
15	Existing service water meter relocate near house	EA	\$	1,400.00	9	\$ 12,600.0
14	Disconnect the existing water line form existing 12" water line on Canada-Toto Loop road	LS	\$	4,000.00	1	\$ 4,000.0
13	2" HDPE pipe	LF	\$	98.00	670	\$ 65 <u>,</u> 660.0
12	12" x 6" Connection Tapping work (Wet Tapping)	LS	\$	13,500.00	1	\$ 13,500.0
11	Traffic Control including traffic control work, flagman, all traffic control devices, placement and removal fo devices and detours, cleanup, restoration, and incidentals.	Lump Sum	\$	20,000.00	1	\$ 20,000.0
10	Fittings and thrust block	EA	\$	8,500.00	0.7	\$ 5 <u>,</u> 950.0
9	Pressure Testing and Disinfection of New Waterline (Taison Road)	Lump Sum	\$	12,500.00	1	\$ 12,500.0

Chung, In Chul Giant Construction Corp.



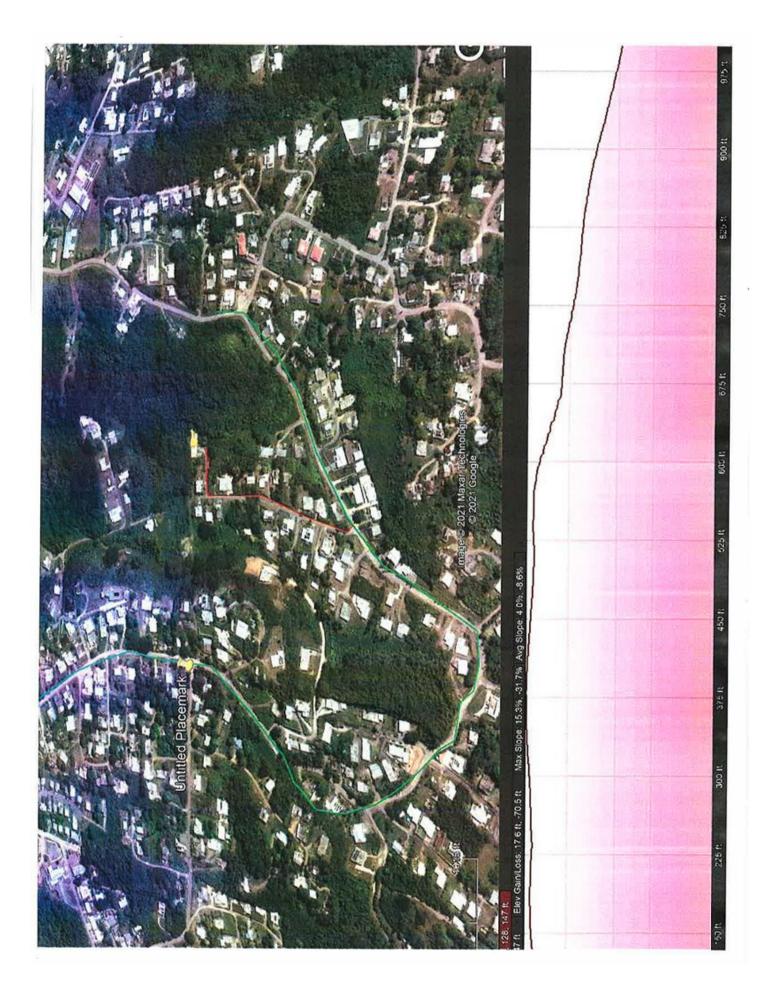




EXHIBIT B

2nd Floor, Giplia B. Nelson Public Service Bldg. 688 Route 15, Many lad. Germ 95013

CHANGE ORDER NO. 01

Project No. & litle:	-			
Contractor:	Giant Con	struction Corporation	Original Contract Approved:	May 12, 2021
TO: Glant	Construction Co	rporation		
You are directed to m	ake changes not	ted below in the subject contract. The	changes are accepted by:	
Giant Construction Co	erporation:	_	Prepared by:	
Down A	1		Gloria P Bensan Digitally signed by	y Gloria P Bensan 1849-48 + 1 000'
IN-CHUL CHUNG	i. Vice President		GLORIA P. BENSAN	
(Name a			Project Manager	Date
//-	1		, i sieet ividnage.	Dute
W				
	EKDAHL, P.E.		Recommend Approval:	
Duenas, Camach				y signed by Barbara C. Cruz, P. 021.08.16 14:12:41 +10'00'
Fund Source: Bond 20		-12	BARBARA C. CRUZ, P.E.	
Contract No.:	3008 OS		Acting Chief Engineer	Date
Vendor No.:	22557 \$16,318.00			
Amount:	\$16,318.00	<u>J</u>		
Enclosures:	required b	in of draft and final reports, and curati y the Department of Parks and Recrea iginal contract, archaeological fee pro	ation (DPR).	rials as
	35,75.5.	Brief contract, at chacological fee pro-	posar and scope or work.	
		justment of contract price and time:		
Contract amount prior	to this Change (justment of contract price and time: Order		\$1,945,720.00
Contract amount prior Net (increase)(decreas s	to this Change (e) from this Cha	justment of contract price and time: Order nge Order (subject to approved terms		\$16,318.00
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EXHIBIT D (Page 1 of 8)

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BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN THE MATTER OF:) GWA Docket 22-04	DECEIVED E
THE PETITION OF THE GUAM WATERWORKS AUTHORITY TO APPROVE CONTRACT CHANGE ORDER NO. 2 WITH GIANT CONSTRUCTION CORP. FOR THE TAI ROAD/S-13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT PROJECT; GWA PROJECT NO. M19-001-BND.))) ORDER)))	DEC 0 2 2021 Public Utilities Commission GUM

INTRODUCTION

- This matter comes before the Guam Public Utilities Commission ["PUC"] upon the Petition of the Guam Waterworks Authority ["GWA"] for approval of Change Order No. 2 with Giant Construction Corp. for the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement Project.¹
- Change Order No. 2 will upgrade the existing small diameter galvanized service laterals currently connected to the old 6-inch ACP line serving several homes along Taison Road, with a large 6-inch main to improve service levels, at a cost of \$558,135.00.2
- Taison Road is a "branch road" connected to the Canada-Toto Loop. There are existing revenue meters all located at the intersection of Canada-Toto Loop/Taison

¹ GWA Petition for Approval of Change Order No. 2 with Giant Construction Corp. for the Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement Project, GWA Docket 22-04, filed November 18, 2021.

² Id., at p. 2.

Road. The meters are connected to the existing 6-inch ACP line and leading to long runs of 1 to 1 ¼ -inch galvanized pipe to the houses further down the road.³

BACKGROUND

- On April 29, 2021, the PUC approved the Tai Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement and the Contract with Giant Construction Corporation.⁴
- 5. The PUC determined that the project was necessary to address the increasing frequency of water outages in the Canada-Toto Loop area; the project would address recurring waterline breaks along the Tai Road/S13 and Canada-Toto Loop/Blas Street. Existing meters would be disconnected from an existing 6-inch asbestos cement pipe (ACP) and then reconnected to the existing 12-inch PVC water line.⁵
- 6. The project would also replace old and persistently leaking 2-inch and 6-inch ACP with new polyvinyl chloride (PVC) pipe ranging from 6-inches to 12-inches in diameter, including upgrade of service laterals of various lengths.⁶
- The PUC authorized GWA to expend up to the amount of \$2,140,292.00 for the Contract with Giant Construction Corporation.⁷

³ GWA Resolution No. 03-FY2022, Relative to Change Order No. 2 Contract Approval for the Tai/Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project, p. 2, adopted and approved on October 26, 2021.

⁴ PUC Order, GWA Docket 21-03, dated April 29, 2021, at p. 4.

⁵ Id., at p. 3.

⁶ Id.

⁷ Id., at p. 4.

- 8. After the PUC approved the Contract award, GWA Management negotiated Change Order No. 1 with Giant Construction, to obtain the services of an archeological firm to prepare the archeological research design for the Tai Road and Blas Street/Canada-Toto Loop intersection as required by the Department of Parks and Recreation/State Historic Preservation Office.8
- 9. The cost of Change Order No. 1 is \$16, 318.00.9
- 10. On October 26, 2021, the CCU approved GWA Resolution No. 03-FY2022.¹⁰ GWA was authorized to expend \$558,135.00 for Change Order No. 2, subject to PUC review and approval.¹¹ Funding for the Change Order will be from 2020 Bonds under the MP-PW Pipe-12 Rehabilitation and Replacement Program funds.¹²
- 11. Change Order No. 2 changes the existing contract scope with Giant Construction Corporation to replace the existing 1 to 1 ¼-inch galvanized pipe along Taison Road with new 6-inch diameter PVC pipes, installs fire hydrants for fire protection, and relocates existing service water meters from the entrance of Taison Road to the front of each house.¹³

⁸ GWA Resolution No. 03-FY2022, Relative to Change Order No. 2 Contract Approval for the Tai/Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project, p. 2, adopted and approved on October 26, 2021, at p. 3.

⁹ Id.

¹⁰ GWA Resolution No. 03-FY2022, Relative to Change Order No. 2 Contract Approval for the Tai/Road/S13 and Canada-Toto Loop/Blas Street Waterline Replacement Project, p. 2, adopted and approved on October 26, 2021.

¹¹ Id., at p. 2.

¹² Id., at p. 3.

¹³ Id., at p. 2.

DETERMINATIONS

- 12. After the PUC approved the initial project with Giant, it became apparent to GWA that the project did not include Taison Road, a branch road connected to the Canada-Toto Loop having existing revenue meters all located at the intersection of Canada-Toto/Taison Road.¹⁴
- 13. The Taison Road Revenue meters were connected to the existing 6-inch ACP line and leading to long runs of 1 to $1\frac{1}{4}$ -inch galvanized pipe to the houses further down Taison Road. ¹⁵
- 14. This configuration of service lateral connection to residents along Taison Road resulted in water flow and pressure issues which would not be improved by the original scope of construction of the water line replacement at the Canada-Toto Loop.¹⁶
- 15. On August 13, 2021, Giant Construction Corp. submitted a proposal for the Taison Road 6-inch PVC waterline and service lateral and connection work to GWA. The Taison Road Waterline Project was approved by GWA's consultant, Duenas, Camacho & Associates ["DCA"]. DCA indicated that the Giant proposal was in response to additional requirements GWA had under the original bid project to

¹⁴ Id.

¹⁵ Id.

¹⁶ Id.

install new 6-inch waterline along Taison Road and to replace existing 2-inch waterline. DCA Inc. recommended approval of Change Order No. 2.17

- 16. A copy of the Giant Construction proposal for Change Order No. 2 is attached to the ALJ Report as Exhibit "1".
- 17. While Change Order No. 2, and the Taison Road work, expand the scope of the original bid, such works appears to be entirely consistent with the intent of the original bid. Taison Road is a "branch road connected to the Canada-Toto Loop." However, if Taison Road is not included in the project, water flow and pressure issues will not be improved for the residents of Taison Road in accordance with the original scope of construction of the waterline replacement at Canada-Toto Loop.
- 18. The work under the proposed change order is consistent with the original scope of the project. The parties are also authorized to negotiate change orders under the project.
- GWA's consultant, DCA, approved Change Order No. 2 as being consistent with the original scope of the project.
- 20. For the same reason set forth by the PUC in its Order approving the original project in GWA Docket 21-03, Change Order No. 2 should also be approved: these Taison Road breakage and pressure issues remain and cannot be addressed under the prior and initial scope of construction.

¹⁷ CCU Resolution No. 03-FY2022, at Exhibit A.

- 21. Serious water and pressure issues have caused problems for the customers in the area, including Taison Road. The PUC found that these issues should be addressed as soon as possible, and that the project was also consistent with the PUC-GWA goal of reducing non-revenue water loss, as well as to improve the system where service delivery has been below standard.¹⁸
- Including Change Orders No. 1 and No. 2, the total approved contract amount would now be \$2,520,173.00.

ORDERING PROVISIONS

Upon consideration of the record herein, the Petition of GWA for Approval of Change Order No. 2 with Giant Construction Corporation, the ALJ Report, and for good cause shown, on motion duly made, seconded, and carried by the affirmative vote of the undersigned Commissioners, the Commission hereby **ORDERS** that:

- Change Order No. 2 for the Taison Road waterline and service lateral and connection work is approved.
- GWA is authorized to expend up to the amount of \$2,520,173.00 for the Contract with Giant Construction Corporation.
- As to the additional cost of \$\$558,135.00 for Change Order No. 2, the usual
 cost contingency of 20% indicated in GWA's Contract Review Protocol shall
 apply.

¹⁸ PUC Order, GWA Docket 21-03, dated April 29, 2021, at p. 4.

- GWA shall file an executed copy of Change Order No. 2 with the PUC when completed.
- 5. GWA is ordered to pay the Commission's regulatory fees and expenses, including, without limitation, consulting and counsel fees and the fees and expenses of conducting the hearing proceedings. Assessment of PUC's regulatory fees and expenses are authorized pursuant to 12 GCA §§12103(b) and 12125(b), and Rule 40 of the Rules of Practice and Procedure before the Public Utilities Commission.

[SIGNATURES TO FOLLOW ON NEXT PAGE]

Dated this 2nd day of December 2021.

Jeffrey C. Johnson

Chairman

Rowena E. Perez-Camacho Commissioner

Jøseph M. McDonald Commissioner

Peter Montinola Commissioner Michael A. Pangelinan Commissioner

Doris Flores Brooks Commissioner

Pedro S.N. Guerrero Commissioner



EXHIBIT E (Page 1 of 6)

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

September 21, 2022

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

Attn: Jessey Mendiola, Project Manager, Guam waterworks Authority

Via: Email: jmendiola@guamwaterworks.org

Ref: Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement.

Project No. M19-001-BND

Subject: Change Order # 03 Recommendations for Various Items

Hafa Adai,

This letter is to provide the Resident Project Representatives (RPR) response to Giant Construction's (contractor) subject change order request. This letter is provided to present the contractor's fee and justification for work. DCA has evaluated the cost proposal against on the original bid prices and found to be fair and correct. Recommended Change Order #3 is composed 14 items as listed below.

- 1. Blas Street Fire Hydrant Removal at Wetland (RFI #1)
- 2. Provide ARV at end of Tai Road (RFI #3)
- 3. Install additional 1 ea. -ARV at Blas Street Sta. 0 + 10 (RFI #4)
- 4. Changing from 12" x 2" lateral to 6" waterline at Sta. 5+79.66, Chalan Paderon at Canada Toto Loop (RFI #5 and RFI #11)
- 5. Replacement of existing laterals already connected to 12-inch main waterline (RFI #6)
- 6. Missing 1ea.- 12-inch Gate Valve (RFI #7)
- 7. Bid Form Qty is not enough. SOW -1" service lateral for Canada/Toto Loop (RFI #8)
- 8. Additional 3ea.-service lateral near the 3-way. Not in Scope of Work (RFI #9)
- 9. Install 11.25 degree Elbow for Tie-ins at Blas St/Canada-Toto Loop (RFI #12)
- 10. Install Blow Off Valve at Sta. 35 + 00 Tai Road (RFI #18)
- 11. Difference of CO#2 for Taison Road from \$558,135.00 to \$560,968.00
- 12. SEARCH Archaeological Monitoring Invoice # S211448-03
- 13. SEARCH Archaeological Monitoring Invoice # S211448-04
- 14. GRT and Overhead for CO #1- Archaeological Monitoring Plan

1. Blas Street – Fire Hydrant Removal at Wetland (RFI #1)

 On the intent to avoid construction on the approximate wetlands areas DCA inquire DOR the following:

ENGINEERING * PLANNING * SURVEYING * ENVIRONMENTAL SERVICES * GEOGRAPHIC INFORMATION SYSTEM * CONSTRUCTION MANAGEMENT GUAM P.O. Box 8900, Tamuning, Guam 96931 / 238 E. Marine Corps Drive, Suite 201 Diamond Plaza, Hagatña, GU 96910 / Tel: (671) 477-7991 / Fax: (671) 479-6315 SAIPAN Caller Box PPP, Suite 164, Saipan, MP 96950 / Chalan Pale Arnold, Ada's Building South Garapan, Saipan 96950 / Tel: (670) 234-9017 / Fax: (670) 234-3842

- Delete the scope of work of removing the existing fire hydrant within the wetland area, and abandon it in place along with the existing 6" waterline.
- Reroute the 27 LF of 1" service lateral away from the wetland limit.
- Relocate the blow off valve away from the wetland limit.

DOR responded that he is open to other options to remove the top half of the fire hydrant and then abandon at the base, with the hope that this work would not require any USACE permit. (See Attachment #1)

Cost proposal #01 Amount......\$0.00 Giant Construction will do it at no additional cost.

2. Provide ARV at end of Tai Road (RFI #3)

An Air Relief Valve was not included by the DOR due to the location of the fire hydrant and the hydrant serving as a way to relieve any air in the water line if the hydrant had periodic cycling conducted. After EOR consulted with GWA Operations, they would prefer that an ARV be installed regardless of the hydrant cycling. (See Attachment #2)

Cost proposal #02 Amount......\$0.00 Giant Construction billed this under Billing #07 unit rate.

3. Install additional 1 ea. - ARV at Blas Street Sta. 0 + 10 (RFI #4)

30" diameter storm drain culverts were encountered on site at 2 locations within Sta. 1+66 to Sta. 0+55. Due to this unforeseen site condition, the new waterline needed to be installed deeper passing underneath these culvert. With this site condition and with the coordination in between Contractor, CM & GWA, a new ARV was installed at high point location close to Sta. 1+59. The question was ask to the EOR if ARV near the Canada-Toto Loop Road requires to remain. EOR responded that ARV needs to remain and installation at approximately 0 + 10 appears to be acceptable after a site visit was conducted.

(See Attachment # 3)

Cost Proposal #03 Amount....... 5,500.00

4. Changing from 12" x 2" lateral to 6" waterline at Sta. 5+79.66 Chalan Paderon at Canada Toto-Loop

The drawing shows a 4" waterline with 2" connection. There is no bid schedule on this item. Giant Construction installed 12" x 4" tapping tee with 4" tapping valve. As the excavation progresses, it was found that the actual waterline is 6". Giant Construction removed the previously installed 12" x 4" tapping tee, and the tapping valve and replaced it with 12" x 6" tapping tee and 6" tapping valve. The work was performed during GWA shut off the 12" waterline for tie-ins at Canada Toto-Loop and Blas Street on July 8, 2022, at 7:00 pm – July 9, 2022, at 4:00 am. The outstanding work is disinfection and sampling.

This CCR will provide payment for the additional labor, materials, and equipment to complete the installation from 4" waterline to 6" waterline to the existing 12" main waterline connection. (See Attachment # 4)

5. Replacement of existing laterals already connected to 12-inch main waterline (RFI #6)

Based on drawing C-028 and C-029, Giant Construction was to connect the meters on that location to the 12" main waterline. Additionally, Giant Construction discovered that there is a meter within the property line (Sta. 31 + 50.00) which was not on plan. However, Giant Construction found through excavation, that three stations (Sta. 31 + 50.00, Sta. 33 + 56.57, and Sta. 38 + 55.25) were already connected to the 12" main waterline and did not find the need to replace the existing laterals. However, from DCA point of view, the existing laterals are not in the best condition.

GWA responded that since the laterals in place are weathered we will move forward with replacing the existing laterals.

Related to the RFI, Giant Construction actually reconnected 22 ea $-\frac{3}{4}$ " single meter but the bid quantity is 19 ea. Also, actual reconnected $\frac{3}{4}$ " double meter is 11ea but the bid quantity is 7 ea. (See Attachment #5)

Base Bid Description: Tai Road and Canada-Toto Loop Work

Bid	Description	Unit	Unit Price	Bid	Actual	Bid Amount	Actual	Additive			
Item				Qty	Qty		Amount				
13	Reconnection of ³ / ₄ " Single meter installation on 12-inch	Ea.	\$2,920.00	19	22	\$55,480.00	\$64,240.00	\$8,760.00			
	Water Main										
15	Reconnection of ¾" Dual or Multi- meter installation on 12-inch Water Main	Ea	\$2,980.00	7	11	\$20860.00	\$32,780.00	\$11,920.00			
Additio	Additional amount of existing lateral replacement.										

Cost Proposal Amount #05 Amount......\$20,680.00

6. Missing 1 EA-12-inch Gate Valve (RFI #7)

Bid item No. 7-12" gate valve shows a quantity of 4 ea. but the actual quantity is 5 ea.

- Drawing C-026 Sta. 12+07.69 at tie-ins Blas Street and Canada Toto Loop Road = 2 ea.
- Drawing C-029 Sta. 41+46.27 at Chapel Road near Canada Store = 1 ea.
- Drawing C-014 Sta. 0+00 tie-ins Route 10 and Tai Road = 2 ea.

(See Attachment #6)

Base Bid Description: Tai Road and Canada-Toto Loop Work

Bid	Description	Unit	Unit Price	Qty	Actual	Bid Amount	Actual	Additive
Item					Qty		Amount	
7	12" Gate Valve RFI	Ea	\$5,000.00	4	5	\$20,000.00	\$25,000.00	\$5,000.00
	#7						,	

Cost proposal #04 Amount\$5,000.00

7. Bid Form Qty is not enough. SOW -1" service lateral (RFI #8)

The bid schedule of Blas Street Pay Item No. 5 shows 1" service lateral line is 142 LF but the actual installed was 175 ft. Additional length of 33 LF will be added to the bid schedule. The length was verified by Giant Construction and was witnessed by DCA junior inspector. (See attachment #7)

Additive Bid #2: Blas Street Work

Bid	Description	Unit	Unit Price	Qty	Actual	Bid Amount	Actual	Additive
Item					Qty		Amount	
5	1" Service Line	LF	\$60.00	142	175	\$8,520.00	\$10,500	\$1,980.00

Cost proposal #05 Amount......\$1,980.00

8. Additional 3EA-service lateral near 3-way. Not in Scope of Work (RFI #9)

The installation of additional 3 ea.- service lateral broken down into 1 ea -1" service line reconnection of $\frac{3}{4}$ single meter installation on 12" main waterline and 1 ea -1-1/2" service line of $\frac{3}{4}$ dual meter installation on 12" main waterline. (See attachment # 8)

Cost proposal # 06 Amount\$ 11,833.00

9. Install 11.25 degree Elbow for Tie-ins at Blas St/Canada-Toto Loop (RFI #12)

On June 24, 2022, a water outage was scheduled for the tie-ins at Blas Street and Canada-Toto Loop starting at 8:00 PM – 5:00 AM. On June 24, 2022 at 3:00 AM Giant started to excavate the 12-inch water main line along Canada-Toto Loop at Sta 12+07.69. When they excavated the connection point the contractor found 12" x 11.25 degree Ductile Iron elbow on 12' PVC waterline Sta. 12+07.69. Due to this different site condition the water outage was cancelled.

10. Install Blow Off Valve at Sta 35 + 00 Tai Road (RFI #18)

As per existing condition Sta. 35 + 00 is located on the lowest point at Tai Road. Installation of the blow off valve was approved by GWA on Sept. 13, 2022. The proposed amount was compared to the original contract amount and found to be in excess of \$576.90. The additional amount is due to the increase of material cost and handling which are beyond Giant Construction control. (See Attachment #10).

11. Difference of CO#2 for Taison Road from \$560,968.00 to \$558,135.00

The original Cost proposal recommendation letter was submitted to Gloria Bensan on August 16, 2021 before she retires on August 29, 2021, in the total amount of \$558,135. At that time there was no approved drawing to base the quantities from. Giant Construction used the image taken from Google Earth to count the number of houses in that area.

Upon completion of the design drawing the revised contract amount was \$560,968.00. The additions/deletions between the quantities with and without drawings are listed in the tabulation below. The difference is \$2,833.00 (See Attachment #11)

Item No.	Description	Qty Without Drawing	Quantity With Drawing
4	1" Service Line	325 LF	230 LF
4.1	1.5" Service Line	0 LF	109 LF
5	Reconnection of ¾" Single Meter		

4

ENGINEERING * PLANNING * SURVEYING * ENVIRONMENTAL SERVICES * GEOGRAPHIC INFORMATION SYSTEM * CONSTRUCTION MANAGEMENT GUAM P.O. Box 8900, Tamuning, Guam 96931 / 238 E. Marine Corps Drive, Suite 201 Diamond Plaza, Hagatña, GU 96910 / Tel: (671) 477-7991 / Fax: (671) 479-6315 SAIPAN Caller Box PPP, Suite 164, Saipan, MP 96950 / Chalan Pale Arnold, Ada's Building South Garapan, Saipan 96950 / Tel: (670) 234-9017 / Fax: (670) 234-3842

	Installation on 6-inch water main	24 EA	17 EA
5.1	¾" Double Meter	0 EA	8 EA
7	2" Permanent Blow-Off Assembly	1 EA	2 EA
13	2" HDPE Pipe	670 LF	0 EA

On the tabulation above the quantities with drawings are as follows:

- 1" Service Line deleted 95 LF
- 1.5" Service Line added 109 LF
- 3/4" Single Meter Reconnection added 17 EA
- 3/4" Double Meter Installation added 8 EA
- 2" Permanent Blow-Off Assembly added 1 EA
- 2" HDPE Pipe deleted 670 LF

Cost Proposal #08 Amount\$2,833.00

12. SEARCH Archaeological Monitoring Invoice #S21148-03

This Invoice No. S21148-03 is for archaeological monitoring conducted at Blas Street and Canada-Toto Loop during the period from August 27, 2021 to April 22, 2022. (See Attachment #12)

Monitoring Hours = 223.30 hr @ \$150/hr.....\$33,495.00

Total Amount for Invoice # S21148-03......\$36,262.69

13. SEARCH Archaeological Monitoring Invoice No. S21148-04

This Invoice No. S21148-04 is for archaeological monitoring conducted at Canada Toto Loop during the period from April 23, 2022 to July 8, 2022 (See Attachment #13).

Monitoring Hours......273.20 hr @ \$150/hr\$40,980.00

GRT 5.263%......2,218.24

Total Amount for Invoice No. S21148-04.....\$44,366.17

14. GRT and Overhead for CO #1- Archaeological Monitoring Plan

GRT and Overhead executed in CO#1 was not included.

The GRT and OH for CO #1 –Archaeological Monitoring Plan Fee in the amount of \$1,631.80 (See Attachment #14)

Recommendations:

DCA evaluated the fourteen (14) Cost proposals listed on the table below against the existing unit rates of the contract. After several negotiations and careful comparison on the cost proposal, supported by email correspondence (see attached) found that the cost proposals were fair and reasonable. DCA recommends that Change Order #03 be awarded to Contractor with the total lump sum amount of **One Hundred Seventy Eight Thousand Three Hundred Ninety One and 43/100 only**

(\$178,391.43).

Blas Street – Fire Hydrant Removal at Wetland (RFI #1)	\$00.00
--	---------

2.	Provide ARV at end of Tai Road (RFI #3). Already billed under Billing #07 unit rate	\$00.00
3.	Install additional 1 EA ARV at Blas Street Sta 0 + 10 (RFI #4)	\$ 5,500.00
4.	Changing from 12" x 2" lateral to 6" waterline (RFI #5 and RFI #11)	\$34,617.87
5.	Replacement of existing laterals already connected to 12" main (RFI #6)	\$20,680.00
6.	Missing 1 EA-12-inch GV (RFI # 7)	\$5,000.00
7.	Bid Form Qty is not enough. SOW -1" service lateral (RFI#8) Bid Quantity = 142 LF Actual installed = 175 LF Additional = 33 LF @ \$60.00/LF=\$1,980.00	\$1,980.00
8.	Additional 3EA-service lateral near 3-way. Not in Scope of Work (RFI #9)	\$11,833.00
9.	Install 11.25 degree Elbow for Tie-ins at Blas St/Canada-Toto Loop (Different Site Condition) (RFI #12)	\$7,910.00
10.	Install Blow Valve at Sta. 35 + 00 (RFI #18)	\$5,776.90
11.	Difference of CO#2 for Taison Road from \$560,968.00 to \$558,135.00	\$2,833.00
12.	SEARCH Archaeological Monitoring Invoice #1	\$36,262.69
13.	SEARCH Archaeological Monitoring Invoice #2	\$44,366.17
14.	GRT and Overhead for CO#1 Archaeological Monitoring Plan	\$1,631.80
	Total Recommended CO #03	\$178,391.43

Regards,

Kenneth M. Rekdahl, PE

Dueñas, Camacho and Associates Resident Project Representative

Att:

Supporting Information



Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913 Tel: (671) 300-6846/7

Issues for Decision

Resolution 07-FY2023

Relative to Approving an Increase in Funding and Scope of Work for the Pressure Zone Realignment Construction Phase 1 Project

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

The objective of this project is to install pressure reducing valves and flow meters at various sites. Installing pressure reducing valves and flow meters will allow GWA to separate service zones and monitor the amount of water flowing at these points. The completion of these improvements is key to GWA's effort to control and reduce water losses as well as improve service pressure to customers.

The installation of pressure reducing control valves is necessary to bypass reservoirs. Bypassing the reservoirs will allow GWA to take the reservoirs offline for maintenance cleaning, condition assessment, and to perform repairs. The reservoir assessment and repairs are part of the Court Ordered projects.

Additional funding is necessary to complete the following:

- Carnation and Jackson site: Additional material and work due to differing site conditions, additional flowable fill required by the Department of Public Works, repairs for existing Jackson PRV.
- 2. Ysengsong site: Relocation of pressure reducing valve and flow meter vault required by the Department of Public Works.
- 3. Clara site: Relocation of pressure reducing valve and flow meter vault required by the Department of Public Works, security fence replacement.
- 4. Kaiser site: Relocation pressure reducing valve and flow meter vault due to differing site conditions, revision of TROPOS antenna pole heights, abandonment of existing PRV vault and line capping, additional line connection, asbestos pipe removal, control building modification to breeze blocks, additional asphalt paving, valve, pipe, and fitting replacement.
- Maimai site: Installation of concrete walkway for SCADA pedestal, air relief valve installation.
- 6. Terao site: Valve cover adjustment and concreting.
- 7. Okkodo site: Additional fittings due to differing site conditions.
- 8. Various sites: Installation of vault vents.

Where is the project located?

- Carnation and Jackson: Located near the intersection between Route 15, Carnation Road, and Marbo Cave Road in Mangilao.
- 2. Ysengsong: Located at the "Y" intersection between Ysengsong Road and Chalan Ibang in Dededo.
- 3. Clara: Ysengsong Rd, across from Clara Street in Dededo.
- 4. Kaiser: Located at the Kaiser Reservoir and off Route 1.
- 5. Maimai: Located off Maimai Road.
- 6. Terao: Located off Route 15.
- 7. Okkodo: Located off Route 3 near Okkodo High School.

How much will it cost?

Change Order No. 3: \$765,331.74

Change Order No. 4: Not to exceed \$350,000 (under negotiation)

Maximum total of Change Order No. 3 and 4: \$1,115,331.74

Remaining authorized contingency: \$268,152.11

GWA requested additional funding for Change Order No.3 and 4: \$847,179.63

When will it be completed?

All work is anticipated to be completed by the end of March 2023.

What is the funding source?

- 1. United States Environmental Protection Agency (USEPA) Grant
- 2. CIP PW 12-01: Water Audit Program
- 3. CIP PW 05-16: Master Metering Program
- 4. MP-PW-Pipe-15 PRV Rehabilitation and Replacement

The project is currently funded by sources 1 to 3 above.

Change Order No. 3 and 4 will be funded by USEPA grant and a combination of bond sources listed above.

Remaining grant funds (MB9692619) for PRZ Phase 1: \$1,732,528.18

The RFP/Bid responses (If applicable):

Not applicable



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. 07-FY2023

RELATIVE TO APPROVAL OF AN INCREASE OF FUNDING AND SCOPE OF WORK 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

2.2

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

WHEREAS, the construction of the Pressure Zone Realignment (PZR) Construction Phase I project was the start of the overall PZR project consisting of five phases, which are necessary components of the Court Ordered reservoir replacement and repair projects by allowing take downs of the reservoirs for inspection and repair; and

WHEREAS, Resolution No. 11-FY2020 (See Exhibit A) approved GWA to award the Pressure Zone Realignment Construction Phase 1 contract to Sumitomo Mitsui Construction Co.,

1	LTD (Sumitomo) for the Base Bid proposal in the amount of Four Million One Hundred Twenty
2	Thousand Dollars (\$4,120,000.00) and approved the funding total of Four Million Five Hundred
3	Thirty-Two Thousand Dollars (\$4,532,000.00); and
4	
5	WHEREAS, GWA executed a construction contract with Sumitomo for the Base Bid work
6	for the following:
7	
8	• Construction of the new Carnation pressure reducing valves (PRV) and flow
9	meters (FM) vaults and rehabilitation of existing PRV vaults and new control
10	building; and
11	 Construction of the new Marbo PRV and FM vaults; and
12	• Construction of the new Okkodo PRV and FM vaults to replace the existing
13	PRV and new control pedestal; and
14	 Construction of the new Ysengsong PRV and FM vaults; and
15	 Construction of the new Clara PRV and FM vaults; and
16	• Construction of the new Kaiser Reservoir Bypass PRV and FM vaults and new
17	control building, and installation of new inlet and outlet meters for Kaiser
18	Reservoir; and
19	 Construction of the new Kaiser PRV and FM vaults; and
20	• Construction and installation of SCADA components and electrical work at
21	Yigo and Astumbo Reservoirs; and
22	 Installation of SCADA at all sites; and
23	
24	WHEREAS, Resolution No. 40-FY2020 (See Exhibit B) approved GWA to execute a
25	Change Order for the Additive Bid work to construct two additional PRV and FM locations
26	(Maimai and Terao) and to bring the total authorized amount to Five Million Five Hundred Forty-
27	Nine Thousand Dollars (\$5,549,000.00), which included a contingency of Four Hundred Sixty-
28	Seven Thousand Dollars (\$467,000.00); and
29	
30	WHEREAS, GWA issued Change Order No.1 and 2 in the amount of One Million One
31	Hundred Sixty Thousand Eight Hundred Forty-Seven Dollars and Eighty-Nine Cents
3.2	

1	(\$1,160,847.89), which brought the total contract amount to Five Million Two Hundred Eighty
2	Thousand Eight Hundred Forty-Seven Dollars and Eighty-Nine Cents (\$5,280,847.89); and
3	
4	WHEREAS, GWA seeks to issue Change Order No. 3 and 4 for work required to complete
5	Phase 1 of the PZR projects; and
6	
7	WHEREAS, Change Order No. 3 and 4 work generally consist of the following:
8	
9	 Carnation and Jackson site: Additional material and work due to differing site
10	conditions, additional flowable fill placement required by the Department of
11	Public Works (DPW), repairs for existing Jackson PRV vault; and
12	• Ysensong site: Relocation of PRV and FM vaults required by the DPW; and
13	• Clara site: Relocation of PRV and FM vaults required by the DPW, fence
14	replacement; and
15	• Kaiser site: Relocation of PRV and FM vaults due to differing site conditions,
16	revision of TROPOS antenna pole heights, abandonment of existing PRV vault
17	and line capping, additional line connection, asbestos pipe removal, control
18	building modification, additional asphalt paving, valve, pipe, and fitting
19	replacement; and
20	 Maimai site: Installation of concrete walkway for SCADA pedestal, ARV
21	installation; and
22	Terao site: Valve cover adjustment and concreting; and
23	 Okkodo site: Additional fittings due to differing site conditions; and
24	 Various sites: Installation of vault vents; and
25	
26	WHEREAS, Change Order No. 3 (See Exhibit C) has been negotiated between the GWA
27	and Sumitomo in the amount of Seven Hundred Sixty-Five Thousand Three Hundred Thirty-One
28	Dollars and Seventy-Four Cents (\$765,331.74) and Change Order No. 4 is under negotiation
29	between GWA and Sumitomo; and
30	
31	WHEREAS, GWA is requesting a not-to-exceed funding approval of Three Hundred Fifty
32	Thousand Dollars (\$350,000.00) for Change Order No. 4; and

1	WHEREAS, the current remaining contingency is in the amount of Two Hundred Sixty-
2	Eight Thousand One Hundred Fifty-Two Dollars and Eleven-One Cents (\$268,152.11); and
3	
4	WHEREAS, GWA management seeks CCU approval for an additional Eight Hundred
5	Forty-Seven Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents (\$847,179.63)
6	to fund Change Order No. 3 and 4, bringing the total authorized funding to Six Million Three
7	Hundred Ninety-Six Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents
8	(\$6,396,179.63); and
9	
10	WHEREAS, funding shall be from the following CIP sources:
11	
12	 United States Environmental Protection Agency (USEPA) Grant
13	• CIP PW 12-01: Water Audit Program
14	• CIP PW 05-16: Master Metering Program
15	 MP-PW-Pipe-15 PRV Rehabilitation and Replacement
16	
17	NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities
18	does hereby approve and authorize the following:
19	
20	• The recitals set forth above hereby constitute the findings of the CCU.
21	• The CCU finds that the of the scope and fee submitted by Sumitomo Mitsui
22	Construction Co., LTD. are fair and reasonable.
23	The CCU hereby approves Eight Hundred Forty-Seven Thousand One Hundred
24	Seventy-Nine Dollars and Sixty-Three Cents (\$847,179.63) to fund Change
25	Order No. 3 and 4, bringing the total authorized funding to Six Million Three
26	Hundred Ninety-Six Thousand One Hundred Seventy-Nine Dollars and Sixty-
27	Three Cents (\$6,396,179.63).
28	• The CCU hereby approves the use of the following CIP sources:
29	• USEPA Grant
30	• CIP PW 12-01: Water Audit Program
31	• CIP PW 05-16: Master Metering Program
32	 MP-PW-Pipe-15: PRV Rehabilitation and Replacement

1	1 RESOLVED, that the Chairman certified and the Board Sec	cretary attests to the adoption
2	of this Resolution.	
3	3	
4	4 DULY AND REGULARLY ADOPTED , this 29 th day of N	ovember 2022.
5	5	
6	6 Certified by: Attested by:	
7	7	
8		
9	JOSEPH T. DUENAS PEDRO ROY Scoretowy	MARTINEZ
10	Chairperson Secretary	
11	11	
12	SECRETARY'S CERTIFICAT	E
13		
	I, Pedro Roy Martinez, Board Secretary of the Consolidated	l Commission on Utilities as
14	evidenced by my signature above do hereby certify as follows.	
15	The foregoing is a full, true and accurate copy of the resolut	ion duly adopted at a regular
16	meeting by the members of the Guam Consolidated Commission on U	Itilities, duly and legally held
17	at a place properly noticed and advertised at which meeting a quorum who were present voted as follows:	was present and the members
18	18 who were present voted as follows.	
19	19 AYES:	
20	NAYS:	
21	21	
22	ABSENT:	
23	ABSTAIN:	
24	24	
25	25	
26	26 ///	
27	27	
28	28	
29	29	
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32	III	

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Exhibit A, pg 1 of 16



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamecu.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:

- 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
- 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

- 5. The construction of the new Clara PRV; and
- 6. The construction of the new Kaiser Bypass PRV and new control building, and installation of new inlet and outlet meters for Kaiser Reservoir; and
- 7. The construction of the new Kaiser PRV; 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 seven (7) sites in the Base Bid and to construct the two (2) additional PRV sites in the Additive Bid; and

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

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

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

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

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

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31 32 IFB can be awarded later through a change order or via a subsequent CCU approval as a means of maximizing system improvements efficiently; and

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

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

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

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

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

GUAM WATERWORKS AUTHORITY ABSTRACT OF BIDS

EXHIBIT A

Project Name: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I

Project Number: W18-001-BND

Bid Opening Date: November 22, 2019

Time: 3:00 PM

Г						(CERTIF	ICATI	ONS					BID AMOUNT			
	Bidders Name	Section A-5 Bid Bond		Non Collusion Affidavit	EEO Certification	Non Segregated Facilities	Sex Offender Certification	Vage and Benefit Determination	Major Shareholder Affidavit	Special Instructions to Bidders		Adden 2	dum 3	4	TABLE A BASE BID	TABLE A ADDITIVE BID	TABLE A BASE + ADDITIVE
1.	KORANDO CORPORATION				_												
2.	IAN CORPORATION																
3.	SUMITOMO-MITSUI CONSTRUCTION CO.	FEDERAL INSURANCE COMPANY IS 7. OF ACCOMPANYINGED	1	1	>	>	1	1	1	~	1	√	1	J	\$4,120,000	\$ 962,000	\$ 5,082,000
4.	GENERAL + PLUMBING																
5.	p	FIGELITY & DEPOSIT COMPANY OF MARILAND	✓	1	1	\	1	✓	1	~	1	/	/	<	\$5,494,376.50	\$1,711,160.94	\$ 7,2 6 5,537.44
6.	FRONTIER SUPPLY																
7.	AMERICAN INTNERNATIONAL SUPPLY, INC.																
	GWA Estimate														\$4,148,360	¢845,640	4 ,994,000

Bids Opened and Read by:

(Name and Signature)

Tabulated By:

JESSEY MENDIOLA WILL

(Name and Signature)

GWA Procurement Representative:

(Name and Signature)

Mitnossos

a in:

hullman Festers



BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

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

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 NO. 01	Addendum Date 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 <u>observable</u> 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.

Section 00410 Bid Form



- 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 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;
 - "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.

Section 00410 Bid Form

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):

Section 00410 Bid Form



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)

tem No.	Description	Quantity	Unit	Extended Amount	
1.	Mobilization, as specified in the Contract				
	Documents.	1	LS	\$ 95,487.0	00
2.	Bonds and insurance.	1	LS	\$ 178,861.0	00
3.	Permits.	1	LS	\$ 56,544.0	00
4.	Training.	1	LS	\$ 3,554.0	00
5.	Carnation PRVs:				
	5.1 Potholing	1	LS	\$ 3,661.0	00
	5.2 Traffic control	1	LS	\$ 43,781.0	00
	5.3 Marbo vault	1	LS	\$ 38,935.0	<u> 00</u>
	5.4 Marbo 6" PRV	1	LS	\$ 39,105.0	<u> 00</u>
	5.5 Marbo 6" meter	1	LS	\$ 7,033.0	<u> 00</u>
	5.6 Marbo piping and connections	1	LS	\$ 17,429.0	<u> 00</u>
	5.7 PRV 11 12" PRV	1	LS	\$ 12,444.0	00
	5.8 PRV 11 12" check valves	2	LS	\$ 15,546.0	00
	5.9 PRV 11 piping and connections	1	LS	\$ 53,559.0	<u> 00</u>
	5.10 PRV 15 4" PRV	1	LS	\$ 3,200.0	<u> 00</u>
	5.11 PRV 15 10" PRV	1	LS	\$ 8,230.0	00
	5.12 PRV 15 12" check valve	1	LS	\$ 14,161.0	00
	5.13 PRV 15 piping and connections	1	LS	\$ 41,083.0	00
	5.14 Replace meters	3	LS	\$ 60,173.0	00
	5.15 Carnation piping and connections	1	LS	\$ 40,626.0	00
	5.16 Control building	1	LS	\$ 29,372.0	00
	5.17 Fencing	1	LS	\$ 8,705.0	00
	5.18 Electrical system	1	LS	\$ 188,904.0	00

Section 00410 Bid Form



Item No.	Description	Quantity	Unit	I	Extended Amount
5.	Item 5 (Cont.)				
	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
	3.21 Site and pavement restoration	1	LS	Ψ	33,304.00
	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	1	LS	\$	70,885.00
	controls				
	6.12 Commissioning	1	LS	<u>\$</u> \$	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	<u>\$</u>	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	<u>\$</u>	93,265.00
	Subtotal	1	LS	\$	609,607.00



tem No.	Description	Quantity	Unit	Extended Amount	
8.	Clara PRV:				
	8.1 Potholing	1	LS	\$ 121,682.0	00
	8.2 Traffic control	1	LS	\$ 21,457.0	00
	8.3 Abandonment of pipe	1	LS	\$ 2,870.0	00
	8.4 Vault	1	LS	\$ 38,807.0	00
	8.5 6" PRV	1	LS	\$ 18,000.0	00
	8.6 10" PRV	1	LS	\$ 18,000.0 \$ 48,615.0	00
	8.7 10" meter	1	LS	\$ 10,857.0	00
	8.8 Piping and connections	1	LS	\$ 53,347.0	00
	8.9 Electrical system	1	LS	\$ 55,663.0	00
	8.10 SCADA, instrumentation and controls	1	LS	\$ 76,201.0	00
	8.11 Commissioning	1	LS	\$ 8,467.0	00
	8.12 Site and pavement restoration	1	LS	\$ 35,865.0	
	Subtotal	1	LS	\$ 491,831.0	00
9.	Kaiser:			0.0514	~ ~
	9.1 Potholing	1	LS	\$ 9,254.0 \$ 40,851.0	_
	9.2 Traffic control	1	LS	\$ 40,851.0	
	9.3 Meter vaults	2	LS	\$ 33,941.0	_
	9.4 12" meter	2	LS	\$ 33,941.0 \$ 33,681.0 \$ 36,238.0 \$ 76,327.0 \$ 63,718.0 \$ 18,378.0	
	9.5 Bypass PRV vault	1	LS	\$ 36,238.0	
	9.6 Bypass 12" PRV	1	LS	\$ 76,327.0	
	9.7 Kaiser PRV vault	1	LS	\$ 63,718.0	
	9.8 Kaiser 6" PRV	1	LS		
	9.9 Kaiser 10" PRV	1	LS	\$ 72,498.0	
	9.10 Kaiser 10" meter	1	LS	\$ 21,611.0	
	9.11 Piping and connections	1	LS	\$ 335,576.0	-
	9.12 Replace meters	3	LS	\$ 43,022.0 \$ 23,537.0	_
	9.13 Control building	1	LS		
	9.14 Fencing	1	LS	\$ 6,838.0 \$ 127,120.0	_
	9.15 Electrical system	1	LS		_
	9.16 SCADA, instrumentation and controls	1	LS	\$ 92,623.0	
	9.17 Commissioning	1	LS	\$ 10,365.0	_
	9.18 Site and pavement restoration	1	LS	\$ 157,146.0	_
	9.19 Property boundary survey sketch	1	LS	\$ 5,687.0	00
	Subtotal	1	LS	\$ 1,208,411.0	00
10.	Astumbo Reservoirs SCADA system for existing instrumentation	1	LS	\$ 85,990.0	00
11.	Yigo Reservoirs SCADA system for	1	LS	\$ 92,529.0	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	\$ 129,532.00 \$ 15,599.00 \$ 113,789.00 \$ 80,877.00
	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	\$ 12,843.00 \$ 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
able A E	Base Bid Subtotal			\$ 4,120,000.00
able A 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 lum	o sum of
\$	4,120,000.00
(Price in Fig	ures)
FO	UR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

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.

Section 00410 Bid Form



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.

ART

6.02	Bidder accepts the provisions of the Agreement as to liquidated damages.						
ARTICLE 7 -	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						
	business address:						
	Phone: N/A Facsimile: N/A						
	E-mail address: N/A						

Section 00410 **Bid Form**



<u>A Partnership</u>	
Partnership Name: N/A	(SEAL)
By: N/A	
(Signature of general partner - attach evide	ence of authority to sign)
Name (typed or printed): N/A	
Business address: N/A	
. NIA	
Phone: N/A	Facsimile: N/A
E-mail address: N/A	
A Corporation	
Corporation Name:SUMITOMO MITSUI CONSTRUC	CTION CO., LTD
State of Incorporation: <u>JAPAN</u>	
Type (General Business, Professional, Service, other):	GENERAL CONTRACTOR/ CONSTRUCTION
By:	
(Signature - attach evidence of authority to	sign)
Name (typed or printed): <u>TAKEYUKI SHIINO</u>	
Title: GENERAL MANAGER	
Attest (CORPORATE SEAL) Admin. M	and all
(Signature of Corporate Secretary)	N. regarder
Business address: PO BOX 9670 TAMUNING, GUAN	И 96931
PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. H	
Phone: _(671) 649-7521 to 24	Facsimile: <u>(671) 649-7550</u>
E-mail address: <u>tkshiino@smcon.co.jp</u>	
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
Phone: N/A E-mail address: N/A	



A Joint Venture		
First Joint Venturer Name: N/A		(SEAL)
By:N/A		
(Signature - attach evidence of autho	rity to sign)	
Name (typed or printed): N/A		
Title: N/A		
Description of the NI/A		
Phone: N/A	Facsimile: N/A	
E-mail address: <u>N/A</u>		
Second Joint Venturer Name: N/A		(SEAL)
By:N/A		
(Signature - attach evidence of author	rity to sign)	
Name (typed or printed): N/A Title: N/A		
Pusings address N/A		· · · · · · · · · · · · · · · · · · ·
Phone: N/A	Facsimile: N/A	-
E-mail address: N/A		
Phone and Facsimile Number, and Address for re N/A	eceipt of official communications to	Joint Venture:
(Each joint venturer must sign. The manner of si and limited liability company that is a party to the above.)		

Exhibit B, pg 1 of 32

CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

GWA RESOLUTION NO. 40-FY2020

P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu-org

RELATIVE TO APPROVING AN INCREASE IN FUNDING FOR THE PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I 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. reparation, 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

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

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

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

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

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

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

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

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

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

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

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

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



1	SECRETARY'S CERTIFICATE
2	
3	I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as
4	evidenced by my signature above do hereby certify as follows:
5	The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular
6	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
7	present and the members who were present voted as follows:
8	AYES: 4
9	NAYS:
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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:

- 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
- 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

- 5. The construction of the new Clara PRV; and
- The construction of the new Kaiser Bypass PRV and new control building, and installation of new inlet and outlet meters for Kaiser Reservoir; and
- 7. The construction of the new Kaiser PRV; 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 seven (7) sites in the Base Bid and to construct the two (2) additional PRV sites in the Additive Bid; and

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

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

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

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

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

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

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

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

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

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

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

- 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 28th day of January 2020.

Certified by: Attested by:

JOSEPH T. DUENAS
Chairperson

MICHAEL T. LIMTIACO
Secretary

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: 0

ABSTENTIONS: 0

ABSENT: 0



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

			CERTIFICATIONS BID AMOUNT														
1		Section A-5	E =	ē.	ug.	Page 3	<u> </u>	ion.		s to		Adden	Addendum				
	Bidders Name	Bid Bond	Qualification Statement	Non Collusi Affidavit	EEO Certifica	Non Segrega Facilities	Sex Offend Certificati	Certification Wage and Ben Determination Major Shareholde Affidant		Sharehole Affidav Specia Instruction Bidder		1 2 3		4	TABLE A BASE BID	TABLE A ADDITIVE BID	TABLE A BASE + ADDITIVE
1.	KORANDO CORPORATION									15402							
2.	IAN CORPORATION	-															
3.	SUMITOMO-MITSUI CONSTRUCTION CO.	FEDERAL INSURANCE COMPANY 15 70 OF ACCOMPANYINGED	1	1	1	~	1	1	1	1	1	√	1	/	\$4,120,000	\$ 962,000	\$ 5,082,000
4.	GENERAL + PLUMBING																
5.	AIC INTERNATIONAL INC.	FIDELITY & DEPOSIT COMPANY OF MARY LAND	✓	1	1	1	~	1	/	~	1	,	1	/	\$5,494,376.50	\$1,711,160.94	\$ 7,2 6 5,537.44
6.	FRONTIER SUPPLY																
7.	AMERICAN INTNERNATIONAL SUPPLY, INC																
	GWA Estimate														\$4,148,360	\$845,640	€ 4, 994, 000

(Name and Signature)

Tabulated By:

(Name and Signature)

GWA Procurement Representative:

(Name and Signature)



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 NO. 01	Addendum Date 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 <u>observable</u> 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.

Section 00410 Bid Form



- 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 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:
 - "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;
 - "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.

Section 00410 Bid Form

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):

Section 00410 Bid Form



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.	ì	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

Section 00410 Bid Form



Item No.	Description	Quantity	Unit	Extended Amount
5.	Item 5 (Cont.)	200-0		
	5.19 SCADA, instrumentation and	1	LS	\$ 104,879.00
	controls			**************************************
	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 \$ 155,708.00
	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	\$ 5,134.00 \$ 7,924.00 \$ 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	I	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	1	LS	\$ 77,859.00
	controls			\$
	7.11 Commissioning	ī	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	
	8.6 10" PRV	1	LS	\$ 18,000.00 \$ 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	1	LS	\$ 76,201.00
	controls			
	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):	- III - IX		
	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 \$ 18,527.00
	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	I	LS	\$ 80,877.00
	10.11 Commissioning	1	LS	\$ 12,843.00
	10.12 Site and pavement restoration	î	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 \$ 4,867.00 \$ 11,742.00 \$ 22,915.00
	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	ī	LS	\$ 64,070.00
	11.9 SCADA, instrumentation and controls	1	LS	\$ 78,620.00
	11.10 Commissioning	Î	LS	\$ 12,592.00
	11.11 Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00
able A I	Base Bid Subtotal		100	\$ 4,120,000.00
able A	Additive Bid Subtotal			\$ 962,000.00
able A I	Base Bid and Additive Bid Total			\$ 5,082,000.00



TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lum	p sum of	
\$	4,120,000.00	
(Price in Fig	ures)	

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.

Section 00410 Bid Form



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

AR

	fort	h in Article 5 of the Agreement.	
6.02	Bidd	der accepts the provisions of the Agreement as to liquidated damages.	
ARTICLE 7	7 - ATT	ACHMENTS 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 ofBID BOND	
	В.	List of Proposed Major Suppliers;	
	C.	Required Bidder Qualification Statement with Supporting Data; and	
ARTICLE 8	3 - DEF	INED TERMS	
8.01		terms used in this Bid with initial capital letters have the meanings stated in the Instruction ders, the General Conditions, and the Supplementary Conditions.	ons to
ARTICLE 9	9 - BID	SUBMITTAL	
9.01	This	Bid submitted by:	
	If Bi	dder is:	
	<u>An I</u>	Individual_	
	Nan	ne (typed or printed):N/A	
	Bv:	N/A	
	-,-,	(Individual's signature)	
	Doir	ng business as: N/A	
	Busi	iness address: N/A	
		ne: N/A Facsimile: N/A	
	E-m	aail address: N/A	
Section 0	0410	D ₂	2ge 10

Bid Form



<u>A Partnership</u>
Partnership Name: NA (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:
Type (General Business, Professional, Service, other): _GENERAL CONTRACTOR/ CONSTRUCTION
By:
(Signature - attach evidence of authority to sign)
Name (typed or printed): TAKEYUKI SHI I NO
Title: GENERAL MANAGER
Attest (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: <u>(671) 649-7521 to 24</u> Facsimile: <u>(671) 649-7550</u>
E-mail address: <u>tkshiino@smcon.co.jp</u>
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



<u>A Joint Venture</u>	
First Joint Venturer Name: N/A	(SEAL)
By: N/A	
(Signature - attach evidence of auth	ority to sign)
Name (typed or printed): N/A Title: N/A Business address: N/A	
business address.	
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 auth	ority to sign)
Name (typed or printed): NA 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 N/A	receipt of official communications to Joint Venture:
	signing for each individual, partnership, corporation, the joint venture should be in the manner indicated
above.)	are joint venture should be in the manner indicated



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.

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Addendum No. ADDENDUM NO. 01	Addendum Date OCTOBER 25, 2019
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- 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 <u>observable</u> 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.
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Section 00410 Bid Form



- 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 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.
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- 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.

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- 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;
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Section 00410 Bid Form

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):

Section 00410 Bid Form



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

BID SCHEDULE

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Definitions:

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	5.17 Fencing	1	LS	\$ 8,705.00
	5.18 Electrical system	1	LS	\$ 188,904.00

Section 00410 Bid Form



Item No.	Description	Quantity	Unit	I	Extended Amount
5.	Item 5 (Cont.)				
	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
	3.21 Site and pavement restoration	1	LS	Ψ	33,304.00
	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
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	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	1	LS	\$	70,885.00
	controls				
	6.12 Commissioning	1	LS	<u>\$</u> \$	11,733.00
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	Subtotal	1	LS	\$	501,202.00
7.	Ysengsong PRV:				
	7.1 Potholing	1	LS	\$	84,048.00
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	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	<u>\$</u>	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	<u>\$</u>	93,265.00
	Subtotal	1	LS	\$	609,607.00



Item No.	Description	Quantity	Unit	Extended Amount
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	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	\$ 76,327.00 \$ 63,718.00 \$ 18,378.00 \$ 72,498.00
	9.9 Kaiser 10" PRV	1	LS	\$ 72,498.00
	9.10 Kaiser 10" meter	1	LS	\$ 21,611.00 \$ 335,576.00 \$ 43,022.00 \$ 23,537.00 \$ 6,838.00 \$ 127,120.00
	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	
	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	1	LS	\$ 92,529.00
	existing instrumentation			



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	\$ 37,949.00 \$ 61,228.00 \$ 18,527.00 \$ 31,942.00
	10.7 Piping and connections	1	LS	
	10.8 Demolish vault and piping	1	LS	\$ 129,532.00 \$ 15,599.00 \$ 113,789.00
	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, 7 42.00
	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
able A £	Base Bid Subtotal			\$ 4,120,000.00
able A A	Additive Bid Subtotal			\$ 962,000.00
able A Base Bid and Additive Bid Total				\$ 5,082,000.00



TOTAL BASE BID PRICE FOR THE BID SCHEDULE

roi the luii	ip sum of
\$	4,120,000.00
Price in Fig	gures)
FC	OUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

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.

Section 00410 Bid Form



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.

AR

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
	business address:
	Phone: N/A Facsimile: N/A
	E-mail address: N/A

Section 00410 **Bid Form**



<u>A Partnership</u>	
Partnership Name: N/A	(SEAL)
By: N/A	
(Signature of general partner - attach evide	ence of authority to sign)
Name (typed or printed): N/A	
Business address: N/A	
. NIA	
Phone: N/A	Facsimile: N/A
E-mail address: N/A	
A Corporation	
Corporation Name:SUMITOMO MITSUI CONSTRUC	CTION CO., LTD
State of Incorporation:	
Type (General Business, Professional, Service, other):	GENERAL CONTRACTOR/ CONSTRUCTION
By:	
(Signature - attach evidence of authority to	sign)
Name (typed or printed): <u>TAKEYUKI SHIINO</u>	
Title: GENERAL MANAGER	
Attest (CORPORATE SEAL) Admin. M	and all
(Signature of Corporate Secretary)	N. regarder
Business address: PO BOX 9670 TAMUNING, GUAN	И 96931
PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. H	
Phone: _(671) 649-7521 to 24	Facsimile: <u>(671) 649-7550</u>
E-mail address: <u>tkshiino@smcon.co.jp</u>	
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
Phone: N/A E-mail address: N/A	



A Joint Venture	
First Joint Venturer Name: N/A	(SEAL)
By: N/A	
(Signature - attach evidence of ac	uthority to sign)
Name (typed or printed): N/A Title: N/A	
Business address: N/A	
Phone: N/A	Facsimile: N/A
E-mail address: <u>N/A</u>	
Second Joint Venturer Name: N/A	(SEAL)
By: N/A	
(Signature - attach evidence of au	uthority to sign)
Name (typed or printed): N/A Title: N/A	
51/6	
Phone: N/A	Facsimile: N/A
E-mail address: N/A	
Phone and Facsimile Number, and Address f N/A	for receipt of official communications to Joint Venture:
	of signing for each individual, partnership, corporation, to the joint venture should be in the manner indicated



Memorandum

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

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 asbuilt 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

<u>Kaiser</u>

- 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 \$\frac{\frac{8765,331.74}}{2}\$ and additional time extension of \$\frac{197}{2}\$ days with a project completion of \$\frac{\frac{September 30, 2022}}{2}\$, appears to be reasonable and would recommend for approval of the Contract Change Request.

Regards,

Construction Manager

C_ C Sur

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 AUTHORITYGloria 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,

Project Manager

Sumitomo Mitsui Construction Co., Ltd.

OWNER: GUAM WATER WORKS AUTHORITY

	Change Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3									
	SUMITOMO MITSUI CONSTRUCTION CO.,LTI Guam Office: P. O. Box 9670 Tamuning, Guam 96931	D.		MATER			BOR		NUIDMENT	TOTAL
	Work Description	QTY	Units	MATER Rate	Amount	Rate	Amount	Rate	QUIPMENT Amount	Amount
	Direct Cost	1.00	LS		163,629.29		364,625.68		103,976.54	632,23
A	CARNATION				7,173.35		25,839.80		20,920.00	53,93
\-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	3,63
1-1	MATERIALS:				-		-		-	
	12" X 6" CONCENTRIC REDUCER, MJ x MJ, C153,									
	CML/BIT - CDMJR1206	2	EA	111.65	223.30		-		-	2
2_	12" EZ GRIP MJ JOINT RETRAIN DEVICE	2	EA	121.45	242.90		-		-	2
3	6" EZ GRIP MJ JOINT RETRAIN DEVICE	2	EA	49.25	98.50				-	
	12" 38125 EBAA RESTRAINT COUPLING	2	EA	706.43	1,412.86		-		-	1,4
_	12" X 2" SADDLE STAINLESS STEEL STRAP	1	EA	108.25	108.25		-		-	1
1-2	LABOR:				-				-	
_	FOREMAN 1MH X 8HRS X 2DAYS	16	MH		-	36.25	580.00		-	5
!	PLUMBER 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS	16	MH		-	23.20	371.20			3
	EQUIPMENT:	32	MH		-	15.00	480.00		-	4
-3	GENERATOR AND CUTTING TOOLS I UNIT X8HRS X				-		-		-	
	1DAY THE ADDITIONAL MANPOWER AND EQUIPMENT IS FOR THE ADDITIONAL	8	HRS		-		-	15.00	120.00	1
	EXPLORATION, BACKFILLING AND CUITING OF 12" D.I. PIPE THAT IS SHOWN 6" ON PLAN.									
2	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	31,4
-1	MATERIALS:				-		-		-	
	TRAFFIC CONTROL AND PLATE MATERIALS	1	LOT	500.00	500.00		-		-	5
	COLD MIX ASPHALT	3	TONS	237.60	712.80				-	7
-2	LABOR:				-				-	
	FOREMAN 1MH X 8HRS X 10DAYS	80	MH			36.25	2,900.00		-	2,9
	LABOR 3MH X 8HRS X 10DAYS	240	MH		-	15.00	3,600.00		-	3,6
-3	EQUIPMENT:				-				-	
	EXCAVATOR 1 UNIT X 8HRS X 10DAYS	80	HRS		-	26.10	2,088.00	80.00	6,400.00	8,4
	TIRE BACKHOE 1 UNIT X 8HRS X 10DAYS	80	HRS		-	26.10	2,088.00	50.00	4,000.00	6,0
	BOOM TRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS		-	26.10	835.20	175.00	5,600.00	6,4
	DUMP TRUCKTRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS		-	26.10	835.20	60.00	1,920.00	2,7
	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				-		-		-	
	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO				200.00		5,241.20		1,080.00	6,5
	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	6,5
	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS:	5	TONS	20.00	-		5,241.20 -			
	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS	5	TONS BAG	20.00	- 100.00		5,241.20 - -			1
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED		TONS BAG		-		-		-	1
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS	5			- 100.00	36.25	-		-	1
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR:	5 10	BAG		- 100.00	36.25 23.20	-		-	1 1 2,0
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS	5 10 56	BAG MH		- 100.00		2,030.00		-	2,0 1,1
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 2DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT:	5 10 56 48	MH MH MH		- 100.00	23.20	- - - 2,030.00 1,113.60		-	1 1 2,0 1,1 1,6
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X BHRS X 7DAYS MASON 3MH X 8HRS X 2DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: EQUIPMENT:	5 10 56 48 112	MH MH MH MH		- 100.00	23.20 15.00 26.10	- - 2,030.00 1,113.60 1,680.00	50.00	- - - - - - - - 400.00	1 1 2,0 1,1 1,6
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS LABOR 1MH X 8HRS X 7DAYS LABOR 1MH X 8HRS X 7DAYS EQUIPMENT: 11RE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY	5 10 56 48 112 8 8	MH MH MH HRS HRS		- 100.00 100.00 - - -	23.20 15.00	- - - 2,030.00 1,113.60 1,680.00	60.00	- - - - - - - 400.00 480.00	2,0 1,1 1,6
-2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X BHRS X 7DAYS MASON 3MH X 8HRS X 2DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: EQUIPMENT:	5 10 56 48 112	MH MH MH MH		- 100.00 100.00 - - - -	23.20 15.00 26.10	- - 2,030.00 1,113.60 1,680.00		- - - - - - - - 400.00	2,0 1,1 1,6
-1 -2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X SHRS X 7DAYS MASON 3MH X SHRS X 7DAYS LABOR 2MH X SHRS X 7DAYS EQUIPMENT: TITLE BACKHOE 1 UNIT X SHRS X 1DAY DUMP TRUCK 1 UNIT X SHRS X 1DAY PUMP 1 UNIT X SHRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION	5 10 56 48 112 8 8	MH MH MH HRS HRS		- 100.00 100.00 - - - -	23.20 15.00 26.10	- - 2,030.00 1,113.60 1,680.00	60.00	- - - - - - - 400.00 480.00	1 2,0 1,1 1,6 6 6
-1 -2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS:	5 10 56 48 112 8 8 8	MH MH MH HRS HRS	10.00	100.00 100.00 - - - - - - - - -	23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00		2,0 1,1 1,6 6 6 2
-1 -2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER	5 10 56 48 112 8 8 8	MH MH MH HRS HRS	10.00	100.00 100.00 	23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00	400.00 480.00 200.00	1 1 2,0 2,0 1,1 1,1 1,6 6 6 2 2 2,2
-1 -2 -4	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: 1TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS	5 10 56 48 112 8 8 8	MH MH MH HRS HRS	10.00	100.00 100.00 - - - - - - - - -	23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00		2,0 1,1 1,6 6 6 2 2,2
-1 -2 -4	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR:	5 10 56 48 112 8 8 8	MH MH MH HRS HRS HRS BAGS	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00		2,0 1,1 1,6 6 6 2 2,2 2,2
-1 -2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: 1TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS	5 10 56 48 112 8 8 8 8	BAG MH MH MH HRS HRS HRS HRS HRS HRS	10.00	- 100.00 100.00 	23.20 15.00 26.10 26.10	2,030.00 1,113.60 1,680.00 208.80 1,243.40	60.00		2,0 2,0 1,1 1,6 6 6 2 2 2,2 4 5
-1 -2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS	5 10 56 48 112 8 8 8	MH MH MH HRS HRS HRS BAGS	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00	400.00 480.00 200.00	2,00 1,1,1,6 6,6 6,6 2 2,2 2,2 4,5 5
-1 -2 -4	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: 11RE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS	5 10 56 48 112 8 8 8 8	BAG MH MH MH HRS HRS HRS HRS HRS MM MH MH	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20	2,030.00 1,113.60 1,680.00 208.80 208.80	60.00		2,00 1,1,1,6 6,6 6,6 2 2,2 2,2 4,5 5
-1	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS	5 10 56 48 112 8 8 8 8	BAG MH MH MH HRS HRS HRS HRS HRS MM MH MH	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20	2,030.00 1,113.60 1,680.00 208.80 208.80 - - - - - - - - - - - - - - - - - - -	60.00		2,00 1,1,1 1,6 6 6 2 2,2 4 5 5 3 3
-1 -2 -4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE	5 10 56 48 112 8 8 8 8	BAG MH MH MH HRS HRS HRS HRS MM MH MH MH MH MH	10.00	940.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00	2,030.00 1,113.60 1,680.00 208.80 1,243.40 1,243.40	60.00	400.00 480.00 200.00	2.00 1.1.1 1.66 66 22 2.22 4 4 5
-1 -2 -4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: THE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITIONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR:	5 10 56 48 112 8 8 8 8 116 16 16	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 - 1,243.40 - 580.00 371.20 240.00 52.20	60.00		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 2 2 1 3 3 9
-1 -2 -4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS BOUTONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X SDAYS	5 10 56 48 1112 8 8 8 8 2 50 16 16 16	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40 - - 580.00 371.20 240.00 - 52.20	60.00		1 1 1 2.0 1.1 1.6 6 6 6 2 2 2.2 4 4 5 5 3 3 2 2 1 1 3,9 4 1.4
-1 -2 -4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: THE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITIONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR:	5 10 56 48 112 8 8 8 8 116 16 16	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 - 1,243.40 - 580.00 371.20 240.00 52.20	60.00		2.00 1.1.1 1.66 66 22 2.22 4 4 55 3.3 2.1
-1 -2 -4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS LABOR 2MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL 8HRS X 1DAY TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS LABOR 1MH X 8HRS X 5DAYS	5 10 56 48 1112 8 8 8 8 2 50 16 16 16	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40 - - 580.00 371.20 240.00 - 52.20	60.00		1 1 1 2.00 2.00 1.1.1 1.6 6 6 6 2 2 2.2 2 4 4 5 5 5 3 3 2 2 1 1 3.9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
i-1 i-2 i-4	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 3 DAYS LABOR 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS LABOR 1MH X 8HRS X 5DAYS MATERIALS:	5 10 56 48 112 112 8 8 8 8 16 16 16 16 16 40 40	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	220.00	940.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40	60.00 25.00		1 1 1 2 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
i-1 i-2 i-4	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS	5 10 56 48 112 112 8 8 8 8 16 16 16 16 16 40 40	BAG MH MH MH HRS HRS HRS HRS HRS EA BAGS MH MH HRS HRS	10.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40	60.00 25.00		1 1 1 2 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
-1 -2 -4 4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 3 DAYS LABOR 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS LABOR 1MH X 8HRS X 5DAYS MATERIALS:	5 10 56 48 112 8 8 8 8 16 16 16 2	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	220.00	940.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40	60.00 25.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
i-1 i-2 i-4 4 i-1 i-3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS BOUITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS LABOR 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: FOREMAN 1MH X 8HRS X 5DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING OF THE TOWARD AND THE TOWARD AN	5 10 56 48 112 8 8 8 8 16 16 16 2	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	220.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030,00 1,113,60 1,680,00 208,80 208,80 1,243,40 1,243,40 580,00 371,20 240,00 52,20 2,676,40	60.00 25.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-1 -2 -4 4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN IMH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN IMH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2 HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: THE BACKHOE 1 UNIT X 8 HRS X 3 DAYS MATERIALS: ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: THE BACKHOE 1 UNIT X 8 HRS X 3 DAYS MATERIALS: SAND BEDDING PWY 15 HATCH COVER INSTALLATION CUTTING OF EXISTING SLAB INCLUDING FINISHING AND DISPOSAL	5 10 56 48 112 8 8 8 8 16 16 16 2	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	220.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030,00 1,113,60 1,680,00 208,80 208,80 1,243,40 1,243,40 580,00 371,20 240,00 52,20 2,676,40	60.00 25.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-1 -2 -4 4 -1 -3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN 1MH X BHRS X 7DAYS MASON 3MH X BHRS X 7DAYS MASON 3MH X BHRS X 7DAYS LABOR 2MH X BHRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY PUMP 8 BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LB LABOR: FOREMAN 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: LABOR 1MH X 8HRS X 5DAYS LABOR 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS MATERIALS: SAND BEDDING PRY 15 HATCH COVER INSTALLATION CUTTING OF EXISTING SLAB INCLUDING FINISHING AND DISPOSAL LABOR:	5 10 56 48 112 8 8 8 8 2 50 16 16 16 16 2	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS LOT	220.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030.00 1,113.60 1,680.00 208.80 208.80 1,243.40 1,243.40 20.80 240.00 240.00 52.20 2,676.40 1,450.00 600.00	60.00 25.00		1 1 1 2 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
3-2 3-4 4 4-1-1 1-2	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS MATERIALS: 3/4 INCH CRUSH ROCK WASHED CONCRETE MIX - 50 LBS LABOR: FOREMAN IMH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 7DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY DUMP TRUCK 1 UNIT X 8HRS X 1DAY PUMP 1 UNIT X 8HRS X 1DAY VALVE BOX COVER ONLY NO RISER (CONCRETING) CARNATION TWO LOCATION MATERIALS: VALVE BOX COVER CONCRETE MIX - 60 LBS LABOR: FOREMAN IMH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1 UNIT X 2 HRS ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: THE BACKHOE 1 UNIT X 8 HRS X 3 DAYS MATERIALS: ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR: THE BACKHOE 1 UNIT X 8 HRS X 3 DAYS MATERIALS: SAND BEDDING PWY 15 HATCH COVER INSTALLATION CUTTING OF EXISTING SLAB INCLUDING FINISHING AND DISPOSAL	5 10 56 48 112 8 8 8 8 16 16 16 2	BAG MH MH MH HRS HRS HRS HRS HRS HRS HRS HRS HRS HR	220.00	-100.00 100.00 	23.20 15.00 26.10 26.10 36.25 23.20 15.00 26.10	2,030,00 1,113,60 1,680,00 208,80 208,80 1,243,40 1,243,40 580,00 371,20 240,00 52,20 2,676,40	60.00 25.00		6,5 1 1 2,0 1,1 1,6 6 6 2 2,2 4 5 5 3 2 1 3,9 1,4 6 6,0

OWNER: GUAM WATER WORKS AUTHORITY

Ch.	nange Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3								ATED:	July 15, 2
	SUMITOMO MITSUI CONSTRUCTION CO.,LTC).								
6	Guam Office: P. O. Box 9670 Tamuning, Guam 96931			MATER	141	LAF	iOP	EOI	JIPMENT	TOTAL
	Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
_	QUIPMENT:									
	ONCRETE CUTTER	8	HRS					25.00	200.00	200
_	ENERATOR CHIPPING GUN	8	HRS					15.00	120.00	120
_	ICK UP ATERIALS:	2	HRS					90.00	180.00	180
_	EMENT BAG	2	ΕΛ.	10.00	20.00					20
			EA	10.00	20.00					
-2 CC	ISTALLATION OF 60 X 60 DOUBLE LEAF ALUMINUM HATCH INCLUDING ONCRETING AND DRAIN HANDHOLE INSTALLATION ABOR:									
_	OREMAN 1MH X 8HRS X 3DAYS	24	MH			36.25	870.00			870
	ARPENTER 1MH X 8HRS X 3DAYS	24	MH			23.20	556.80			550
	ABOR 1MH X 8HRS X 3DAYS	24	MH			15.00	360.00			36
	ATERIALS:									
60	0 X 60 DOUBLE LEAF ALUMINUM HATCH	1	EA	2,053.33	2,053.33					2,05
	RAIN HANDHOLE	1	EA	119.41	119.41					11
	000 PSI CONCRETE	45	BAGS	10.00	450.00					45
	POXY	2	EA	68.00	136.00					13
_	NCHOR	8	EA	3.00	24.00					2
DE	EBAR EDUCTION ON THE ROUND COVER ISTALLATION AS PER PLAN	1	LOT	100.00	100.00					10
_	ABOR:									
	OREMAN 1MH X 8HRS X 2DAYS	-16	MH			36.25	(580.00)			(58)
	ARPENTER 1MH X 8HRS X 2DAYS	-16 16	MH			23.20	(371.20)			(37
_	ABOR 1MH X 8HRS X 2DAYS ATERIALS:	-16	MH			15.00	(240.00)	 		(24
_	OO PSI CEMENT	-10	BAGS	10.00	(100.00)					(10
	POXY	-10	EA	68.00	(68.00)					(10
	EBAR	-1	LOT	100.00	(100.00)					(10
	SENGSONG				(100.00)					\
PF	ACKFILLING AND COMPACTION. TO INCLUDE UTILITY CROSSING AND				11,465.60		8,368.40		5,160.00	24,99
	RAFFIC CONTROL AND EXTRA POTHOLING DUE TO EXISTING LINE SHOWN ON LAN DIFFER ON SITE				8,074.58		6,715.20		3,160.00	17,94
	FEB 19,20,22,23 2021 AND MAY 12, 2021 ADDITIONAL POTHOLING TO FIND XISTING WATERLINE. EXISTING LINE NOT FOUND AS PER PLAN									
	ATERIALS:								-	
	2" X 20' C900 DR18 PVC PIPE	80	LF	37.72	3,017.60					3,01
_	PE LUBRICANT	4	QRTS	15.49	61.96				-	6
SF	AND BEDDING	24	TONS	18.00	432.00		-		-	43
4.0	A CRECTOC PIDE TO COMO PEDAIR COLIDI INC									
	2" ASBESTOS PIPE TO C900 REPAIR COUPLING ESTRAIN	2	EA	2,181.51	4,363.02		_		-	4,36
М	ISC. MATERIALS	1	LOT	200.00	200.00				-	20
EX	ABOR: XTRA EXCAVATION AROUND 80LF INCLUDING PIPING BACKFILLING AND OMPACTION. TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL AND				-		-		-	
	XTRA POTHOLING DUE TO EXISTING LINE SHOWN ON PLAN DIFFER ON SITE				-		-		-	
	OREMAN 1MH X 8HRS X 10DAYS	80	MH			36.25	2,900.00		-	2,90
_	LUMBER 1MH X 8HRS X2DAY	16	MH		-	23.20	371.20		-	37
	ELPER 2MH X 8HRS X 10DAYS	160	MH		-	15.00	2,400.00		-	2,40
3 EC	QUIPMENT: ENERATOR AND CUTTING TOOLS I UNIT X 8HRS X				-		-		-	
	DAY	8			-		-	15.00	120.00	12
_	XCAVATOR 1UNIT X 8HRS X 4DAYS	32			-	26.10	835.20	80.00	2,560.00	3,39
	UMP TRUCK	8	Hour		(1.073.08)	26.10	208.80	60.00	480.00	68
7	ABOR:				(1,073.08)		(2,413.20)		(1,200.00)	(4,68
	OREMAN 1MH X 8HRS X 3DAYS	-24	HRS		-	36.25	(870.00)		-	(87
	LECTRICIAN 1MH X 8HRS X 3DAYS	-24	МН			23.20	(556.80)			(55
	ELPER 1MH X 8HRS X 3DAYS	-24	MH			15.00	(360.00)			(36
_	QUIPMENT:						(000			
	RE BACKHOE 1UNIT X 8HRS X 3DAYS	-24				26.10	(626.40)	50.00	(1,200.00)	(1,82
	ATERIALS: VC PIPE	-1	LOT	200.00	(200.00)					(20
	000 CONCRETE	-2	CY	136.54	(273.08)					(27
	K4 HANDHOLE	-1	LOT	500.00	(500.00)					(50
MI	ISC. MATERIALS	-1	LOT	100.00	(100.00)					(10
	DDITIONAL TRAFFIC CONTROL DUE TO ELOCATION OF PRV 77				1,225.00		1,477.60		2,800.00	5,50
M	ATERIALS:				-					
	ONCRETE BARRIER	1	LOT	500.00	500.00		-		-	50
	RANGE FENCE 100LF	5	EA	145.00	725.00		-		-	72
	ABOR:	- 10			-	00.00	-		-	
	DREMAN 1MH X 8HRS X 2DAYS ELPER 2MH X 8HRS X 2DAYS	16 32	MH		-	36.25 15.00	580.00	-	-	58
	QUIPMENT:	32	MILI			15.00	480.00			48
	OOM TRUCK I UNIT X 8HRS X 2DAYS	16	HRS		-	26.10	417.60	175.00	2,800.00	3,21
T	SPHALT RESTORATION INCLUDING FLOWABLE				-		-		-	
					3,239.10		2,588.80		400.00	6,22
3 FII	ATERIAL C.							ı I	1	
FII	ATERIALS:	- 10	61	110.00	1 410 00					
3 FII	LOWABLE CONCRETE	12	CY	118.00 237.00	1,416.00 2,251.50		-		-	1,410
-1 MA		12 10 5	CY TONS GALS	237.00	2,251.50					2,25
-1 MA	OWABLE CONCRETE OT MIX ASPHALT	10	TONS				-		-	1,41 2,25 5

Change Order Design changes Page 2 of 9

OWNER: GUAM WATER WORKS AUTHORITY

CAR	ange Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3								DATED:	July 15, 2
(SUMITOMO MITSUI CONSTRUCTION CO.,LTI	D.								
	Guam Office : P. O. Box 9670 Tamuning, Guam 96931	I		MATER	RIAL	LAE	BOR	EQ	UIPMENT	TOTAL
	Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
	BOR 6MH X 8HRS X 3DAYS	144	MH		-	15.00	2,160.00		-	2,160
	QUIPMENT:	16	HRS		-	26.40	447.00	50.00		1 017
111	RE BACKHOE 1UNIT X 8HRS X2DAYS	16	HRS		-	26.10	417.60	50.00	800.00	1,217
DL	JMP TRUCK 1UNIT X 8HRS X 1DAY	8	HRS		-	26.10	208.80	60.00	480.00	688
DE	DUCT FOR ELECTRICAL DUCT LINE									
	ATERIALS:									
	DT MIX ASPHALT	-2	TONS	237.00	(474.00)					(474
SS	5-1	-1	GAL	11.40	(11.40)					(11
ΙΔ	BOR:									
_	DREMAN 1MH X 8HRS X 1DAY	-8	MH			36.25	(290.00)			(29
LA	BOR 3MH X 8HRS X 1DAY	-24	MH			15.00	(360.00)			(36
_	QUIPMENT:									
	RE BACKHOE 1UNIT X 8HRS X1DAY JMP TRUCK 1UNIT X 8HRS X 1DAY	-8 -8	HRS			26.10	(208.80)	50.00	(400.00)	(60
DC	IMP TRUCK TUNIT X 8HRS X TDAY	-8	HRS			26.10	(208.80)	60.00	(480.00)	(68
C CL	ARA PRV				10,452.19		32,116.00		25,960.00	68,52
	CTRA EXCAVATION AROUND 40LF INCLUDING BACKFILLING AND MPACTION. TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL				7,493.20		7,096.80		7,280.00	21,87
					7,433.20		7,030.00		7,200.00	21,07
_	ATERIALS: " X 20' C900 DR18 PVC PIPE	60	LF	37.72	2,263.20		-			2,26
	PE LUBRICANT	2	QRTS	15.49	30.98		-		-	2,20
_	ND BEDDING	12	TONS	18.00	216.00		-			2
_	STRAIN	2	EA	2,181.51	4,363.02		-		-	4,36
8"	X 45 DIG ELBOW MJ X MJ RETRAIN TYPE	4	EA	155.00	620.00		-		-	62
1-2 LA	POD:									
	DREMAN 1MH X 8HRS X 11DAYS	88	MH			36.25	3,190.00			3,19
_	UMBER 1MH X 8HRSX 1DAY	8	MH		-	23.20	185.60		-	18
	ELPER 1MH X 8HRS X 11DAYS	88	MH		-	15.00	1,320.00		-	1,32
EC	QUIPMENT:				-		-		-	
	CAVATOR 1UNIT X 8HRS X 11DAYS	88	HRS		-	26.10	2,296.80	80.00	7,040.00	9,3
	JMP TRUCK	4	HRS		-	26.10	104.40	60.00	240.00	3-
	ECTRICAL WORKS ARE ALREADY CONSIDERED. REVISED TO SHOW ECTRICAL DEDUCTION									
	DUCTION FOR ELECTRICAL DUCTLINE				(973.08)		(1,608.80)		(800.00)	(3,38
	BOR:									
_	DREMAN 1MH X 8HRS X 2DAYS	-16	HRS		-	36.25	(580.00)		-	(5)
	ECTRICIAN 1MH X 8HRS X 2DAY	-16 -16	MH MH			23.20	(371.20)			(37
_	ELPER 1MH X 8HRS X 2DAYS QUIPMENT:	-16	IVIII			15.00	(240.00)			(24
	RE BACKHOE 1UNIT X 8HRS X 2DAYS	-16				26.10	(417.60)	50.00	(800.00)	(1,21
	ATERIALS:						, , , ,		(
PV	C PIPE	-1	LOT	100.00	(100.00)					(10
	00 CONCRETE	-2	CY	136.54	(273.08)					(27
	4 HANDHOLE	-1	LOT	500.00	(500.00)					(50
MI	SC. MATERIALS	-1	LOT	100.00	(100.00)					(10
2 AD	DITIONAL POTHOLING				-		7,634.40		9,440.00	17,07
	AR 20 AND 30, 2021 POTHOLING AS PER									
	DNTRACT				-		-		-	
MA	AR 31 TO APRIL 1, 2021ADDITONAL POTHOLING6" GOING TO FENCE.				-		-		-	
AP	PR. 8 2021 ADDITIONAL POTHOLING 6" FROM FIRST VALVE MAKES 90 DEG									
TC	WARDS NORTH DIRECTION				-		-		-	
	AY 1, 2021 ADDITIONAL POTHOLING 8" AND 10" INSIDE FENCE GOLF COURES				-		-		-	
	AY 3, 2021 ADDITIONAL PTHOLING 8" AND 10" TEE AND GOES INSIDE THE NCE. FOUND THE ASBESTOS 8" AFTER FENCE						_		_	
MA	AY 7, 2021 ADDITIONAL POTHOLING NEAR GOLF COURSE TO FIND 8" AND 12"									
	NE NOT FOUND BIG ROCK						-	-	-	
	AY 12, 2021 POTHOLING BACKFILLING ABOVE EXCAVATION				-		-			
TC	AY 13 TO 14 2021 ADDITIONAL POTHOLING NEAR GOLF COURSE REQUESTED EXTEND SOUTH SIDE TO FIND 8" AND 12" NOT FOUND						-			
	AY 15, 2021ADDITONAL POTHOLING 10" CONNECTION AND 12" T. FOUND 10" DNNECTION FROM CI TO ACP, 12" PVC IS NOT A TEE CONNECTION BUT 90									
DE	EG ELBOW				-		-		-	
	AY 17 TO 18, 2021 BACKFILLING OF ALL REMAINING OPEN TRENCH OTHOLING				.		-			
2-2 LA					-		-		-	
	REMAN 1MH X 8HRS X 14DAYS	96			-	36.25	3,480.00		-	3,4
	ELPER 1MH X 8HRS X 14DAYS	96	\vdash		-	15.00	1,440.00		-	1,4
	QUIPMENT: CAVATOR 1UNIT X 8HRS X 12DAYS	96				26.10	2,505.60	80.00	7,680.00	10,1
	DMPACTOR TUNIT X 8HRS X 3DAYS	24				20.10	-,505.00	15.00	360.00	30,10
	OOM TRUCK 1UNIT X 8HRS X 1DAY	8			-	26.10	208.80	175.00	1,400.00	1,6
					-		-		-	
	DITONAL TRAFFIC CONTROL MAINTENANCE ID ERRODED SOIL RE EXCAVATION						3,694.00		2,000.00	5,6
	BOR;				-				-	3,0
	REMAN 1MH X 8HRS X 5DAYS	40	MH		-	36.25	1,450.00		-	1,4
1	ELPER 2MH X 8HRS X 5DAYS	80	MH		-	15.00	1,200.00		-	1,2
	QUIPMENT:		HRS		-				-	
3-2 EC						26.10	1,044.00	50.00	2,000.00	3,0
3-2 EC	RE BACKHOE I UNIT X 8HRS X 5DAYS	40	11110							
3-2 EC	DITIONAL WORK TEMPORARY BACKFILLING OF CLARA ROAD CROSSING	40	Till							
3-2 EC TIF AD DU		40	TINO		1,566.84		7,686.80		5,560.00	14,8

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4 9	CHANGE ORDER # 3 REV 3								1	
	SUMITOMO MITSUI CONSTRUCTION CO.,LTI Guam Office: P. O. Box 9670 Tamuning, Guam 96931	D.								
	Work Description	QTY	Units	MATER Rate	NAL Amount	LA! Rate	BOR Amount	EC Rate	QUIPMENT	TOTAL Amount
F	FOREMAN 1MH X 8HRS X 7DAYS	56	MH	Kate	Amount	36.25	2,030.00	Nate	Amount	2,030.0
_	HELPER 2MH X 8HRS X 7DAYS	112	МН			15.00	1,680.00			1,680.0
	HELPER TRAFFIC CONTROL 2MP X 8HRS X 7DAYS	112	MH			15.00	1,680.00			1,680.0
_	EQUIPMENT: FIRE BACKHOE I UNIT X 8HRS X 7DAYS	56	HRS			26.10	1 461 60	50.00	2,800.00	4,261.6
	COMPACTOR I UNIT X 8HRS X 7DAYS	56	HRS			20.10	1,461.60	15.00	840.00	840.0
	DUMP TRUCK I UNIT X 8HRS X 4DAYS	32	HRS			26.10	835.20	60.00	1,920.00	2,755.2
	MATERIALS:		TONIO						-	
	SAND COLD MIX ASPHALT	34	TONS	18.00 237.00	618.84 948.00				-	618.8 948.0
	SOLD WIN MOFTIME!	-	1010	237.00	946.00				-	940.0
1	ADDITIONAL POTHOLING TWO EXISTING VALVES REQUESTED BY GWA,									
F	REPLACE DAMAGE RISER PIPES AND PROVIDE NEW CONCRETE COLLAR DURING THE OUTAGE FOR 8" PIPE INSTALLATION				1,655.23		3,770.80		2,080.00	7,506.0
	LABOR;				1,000.20		3,770.00		2,080.00	7,000.1
F	FOREMAN 1MH X 8HRS X 6DAYS	48	MH			36.25	1,740.00			1,740.0
	HELPER 1MH X 8HRS X 6DAYS	48	MH			15.00	720.00			720.0
	MASON 1MP X 8HRS X 2DAYS EQUIPMENT:	16	MH			23.20	371.20			371.2
_	TIRE BACKHOE I UNIT X 8HRS X 4DAYS	32	HRS			26.10	835.20	50.00	1,600.00	2,435.2
	COMPACTOR I UNIT X 8HRS X 2DAYS	16	HRS					15.00	240.00	240.0
_	DUMP TRUCK I UNIT X 4HRS	4	HRS			26.10	104.40	60.00	240.00	344.
_	MATERIALS:		-				-		-	-
_	SAND CEMENT BAG 4000 PSI	4 75	Ton BAGS	18.00	72.00		-		-	72.
	FORMS AND REBAR	1	LOT	10.00 100.00	750.00 100.00		-		-	750. 100.
	B" D.I. PIPE	3	LGHT	125.00	375.00		-		_	375.
_	VALVE COVER	3	EA	119.41	358.23		-			358.
	OULANDAMA OF CORPORED OVER THE PROPERTY OF CORPORATION OF CORPORAT									
	CHANGING OF CORRODED CHAINLINK FENCE LABOR:				710.00		1,400.00		400.00	2,510.0
_	FOREMAN 1MH X 8HRS X 2DAYS	16	МН			36.25	580.00			580.
	HELPER 1MD X 8HRS X 2DAYS	16	MH			15.00	240.00			240.
C	CARPENTER 1MP X 8HRS X 2DAYS	16	MH			23.20	371.20			371.
_	EQUIPMENT:						-			
	TIRE BACKHOE I UNIT X 8HRS X 1DAY	8	HRS			26.10	208.80	50.00	400.00	608.
	MATERIALS: CHANLINK FENMCE	50	LF	12.20	610.00					610.
_	MISC. MATERIALS	1	LOT	100.00	100.00					100.0
							2.442.00			
	RE CHLORINATION DUE TO DELAY OUTAGE LABOR:						2,442.00			2,442.0
-	FOREMAN 1MH X 8HRS X 2DAYS	16	МН			36.25	580.00			580.0
	HELPER 1MH X 8HRS X 2DAYS	16	MH			15.00	240.00			240.0
/	ALMER SANTOS PROPOSAL	1	LOT			1,622.00	1,622.00			1,622.0
	KAISER PRV				69,629.34		25,744.50		18,990.00	114,363.8
F	PRV 79 EXTRA EXCAVATION AROUND 160LF INCLUDING PIPING BACKFILLING AND COMPACTION. TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL AND EXTRA POTHOLING DUE TO EXISTING LINE SHOWN ON PLAN DIFFER ON DIFFER ON THE PROPERTY OF T				46 920 92		8,740.40		4,160.00	20.740
	- OCT. 29, 30, 2020 EXPLORATION OF MM43A				16,839.82		8,740.40		4,160.00	29,740.2
E	EXISTING LINE NOT FOUND				-		-		-	-
	NOV1, 2,4,5AND 10 ADDITIONAL POTHOLING NEAR									
	MARINE CORP DRIVE INCLUDING BACKFILLING - JAN 30, FEB 1 2, 3 , FEB 6 AND 10 ,									
2	2021ADDITIONAL POTHOLING INNER ROAD AS PER									
(C-132 EXISTING LINE NOT FOUND				-		-		-	-
F	- APR. <mark>26, 28</mark> AND <mark>29,</mark> 2021 ADDITIONAL POTHOLING FOR EXISTING 16" AND 14" EXISTING									
	LINE NEAR THE GATE		-		-		-		-	-
_	DOT 40 AND 00 COOK ADDITIONAL DOTTION INC. AT		1			1				
(OCT. 18 AND 26 2021 ADDITIONAL POTHOLING AT								1	
C	GATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE									
C	GATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION				-		-		-	
C E	GATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE						-		-	
C E C	GATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE				-		-		-	
0	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION DCT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLCT. 11 IN REQUESTED BY GWA TO EXPLORE NLCT. 14,5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO				-		-		-	-
C C C II	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION DCT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV. 1,2,4,5 AND 10 2021 ADDITIONAL POTHOLING NEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27				-		-		-	-
C C C II	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION DCT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4,5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO SEPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING				-		-			
C C C C C C C C C C C C C C C C C C C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION DOT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV. 1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING NEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 IUNE 1, 2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION						-			
C E C C III	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27,26,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4, 5 AND 10 2021 ADDITIONAL POTHOLING REAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMSA CONNECTION BACKFILLING AND COMPACTION OF ALL									-
CO C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27,26,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4,5 AND 10 2021 ADDITIONAL POTHOLING REAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS								-	
COCCUPIED OF THE PROPERTY OF T	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27,26,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4, 5 AND 10 2021 ADDITIONAL POTHOLING REAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMSA CONNECTION BACKFILLING AND COMPACTION OF ALL									
COCHECO COLLEGE	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV. 1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 JUNE 1, 2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMMAJA CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS SAPHALT RESTORATION OF ALL POTHOLING									-
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4,5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS	1	EA	733.94	- - - - 733.94					
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING WEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 JUNE 1, 2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING RAREA 5DAYS SMATERIALS:	1 6	EA EA							733.9
CC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING WEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 JUNE 1, 2, AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 15" DLE TEE MJ X MJ RESTRAIN TYPE			733.94 249.33 418.88	733.94 1,495.98 418.88					733. 1,495.
CC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV. 1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING NEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1, 2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMAJA CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE	6	EA	249.33	1,495.98				-	733. 1,495.
C C C C C C C C C C C C C C C C C C C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING WEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 JUNE 1, 2, AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 15" DLE TEE MJ X MJ RESTRAIN TYPE	6	EA	249.33	1,495.98				-	733. 1,495. 418.
C C C C C C C C C C C C C C C C C C C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27, 28, 2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1, 2, 4, 5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26, 27 JUNE 12, 2AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 15" DEG D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" REPAIR COUD-LINE RES IRVAIN TYPE 14" REPAIR COUD-LINE RES IRVAIN TYPE 15" REPAIR COUD-LINE RES IRVAIN TYPE 16" REPAIR COUD-LINE RES IRVAIN TYPE 17" REPAIR COUD-LINE RES IRVAIN TYPE 18" REPAIR COUD-LINE RES IRVAIN TYPE 19" REPAIR CO	6	EA EA	249.33 418.88 711.44	1,495.98 418.88 2,845.76				-	733.9 1,495.9 418.8 2,845.7
C C C C C C C C C C C C C C C C C C C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED 87 GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION OCT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4,5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO SEXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MM43A CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" M 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" N 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" N 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" N 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" KEPAIR CUDUPLING RESTRAIN TYPE (DEA	6 1 4	EA EA	249.33 418.88	1,495.98 418.88				-	733.9 1,495.9 418.8 2,845.7 301.4
CC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2.4, 5 AND 10 2021 ADDITIONAL POTHOLING VEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMMAGA CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 45 DEG D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" N.D. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 19" D.I. TEE MJ X MJ RESTRAIN TYPE	6 1 4	EA EA EA	249.33 418.88 711.44 301.46	1,495.98 418.88 2,845.76 301.46				-	733.9 1,495.9 418.9 2,845.3 301.4 121.9
CC	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.12.4, 5 AND 10 2021 ADDITIONAL POTHOLING WEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION NEAR EXISTING STORAGE AREA FOR MIMASA CONNECTION BACKFILLING AND COMPACTION OF ALL POTHOLING AREA 5DAYS ASPHALT RESTORATION OF ALL POTHOLING AREA 5DAYS MATERIALS: 14X14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" Y 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" Y 12" X 10" D.I. TEE MJ X MJ RESTRAIN TYPE 12" Y 12" X 10" D.I. TEE MJ X MJ RESTRAIN TYPE 12" Y 12" X 10" D.I. TEE MJ X MJ RESTRAIN TYPE 12" Y 10" NOULPHING NESS TRAIN TYPE 12" LI LIND PLUG MJ TYPE 14" EZ GRIP MJ JOINT RETRAIN DEVICE	6 1 4 1	EA EA EA EA	249.33 418.88 711.44 301.46 121.95	1,495.98 418.88 2,845.76 301.46 121.95		-			- - 733.1 1.495.5 418.8 2.845.1 301.4 121.5 2.586.6 263.6
C C C C C C C C C C C C C C C C C C C	SATE TANK ENTRANCE OUTLET SIDE REQUESTED BY GWA TO EXPLORE THE EXISTING GATE VALVE CONNECTION COT. 27,28,2021 ADDITIONAL POTHOLING AT TANK NLET LINE REQUESTED BY GWA TO EXPLORE NOV.1,2,4,5 AND 10,2021 ADDITIONAL POTHOLING SEAR THE ROAD REQUESTED BY GWA TO EXPLORE THE CONNECTION OF EXISTING 16" VALVE AND 12" LINE ALONG THE ROAD MAY 26,27 JUNE 1,2 AND 3 EXPLORATION REAR EXISTING STORAGE AREA FOR MM43A CONNECTION STORAGE AREA FOR MM43A CONNECTION SACKFILLING AND COMPACTION OF ALL POTHOLING AND COMPACTION OF ALL POTHOLING AREA SDAYS MATERIALS: 14.714 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE 12" X 45 DEG D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 12" D.I. TEE MJ X MJ RESTRAIN TYPE 12" KEPAIK COUPLING RES HOWN IN THE (DEA VECEDEN NEW LAYOUT MINUS 2 ON AS PER ORIGINAL PLAN) 12" X 90 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 12" D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 12" D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 15" DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 15" DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 15" DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 15" DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" X 15" DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 12" Z 15" D.I. BLIDD WJ J MJ RESTRAIN TYPE 14" EZ GRIP MJ JOINT RETRAIN DEVICE	6 1 4 1 1 17	EA EA EA EA EA	249.33 418.88 711.44 301.46 121.95 152.17	1,495.98 418.88 2,845.76 301.46 121.95 2,586.89		- - - -			733.9 1,495.9 418.8 2,845.7 301.4 121.9 2,586.8

OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites DATED: July 15, 2022 SUMITOMO MITSUI CONSTRUCTION CO.,LTD. Guam Office: P. O. Box 9670 Tamuning, Guam 9693 EQUIPMENT MATERI 991 15 Gallor 171.00 171.00 LABOR 232 мн 8,410.00 8,410.00 36.25 PLUMBER 1MH X 8HRSX 2DAYS 16 МН 23 20 371.20 371.20 HELPER 1MH X 8HRS X 29 DAYS 232 МН 15.00 3,480.00 3,480.00 EQUIPMENT: GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X 8 HRS 1DAY 15.00 120.00 120.00 EXCAVATOR 1UNIT X 8HRS X 12DAYS 96 8 HRS 2,505.60 10,185.60 26.10 80.00 7,680.00 DUMP TRUCK 1UNIT X 8HRS X 1DAY DEDUCT ORIGINAL EXCAVATION AROUND 201 INCLUDING BACKFILLING AND COMPACTION. INCLUDE UTILITY CROSSING AND TRAFFIC HRS 60.00 480.00 480.00 -16 EOREMAN 1MH Y 8HRS Y 2DAVS 36 25 (580 nn (580.00 PLUMBER 1MH X 8HRSX 2DAYS -16 23.20 (371.20)(371.20 HELPER 2MH X 8HRS X 2DAYS -32 МН 15.00 (480.00) (480.00 TRAFFIC CONTROL - DEDUCTION Cone and delineator install - Helper 2 x 8 x 2 days -32 МН 15.00 (480.00 (480.00 -2 Ea (190.00 (190.00 95.00 **EQUIPMENT:**GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X -16 HRS (240.00 (240.00 EXCAVATOR 1UNIT X 8HRS X 2DAYS -16 HRS 26.10 (417.60) 80.00 (1,280.00 (1,697.60 DEDUCTION INSTALLATION OF 80LF 14" LABOR: FOREMAN 1MH X 8HRS X 3DAYS -24 МН 36.25 (870.00 (870.00 PLUMBER 1MH X 8HRSX 3DAYS 23.20 (556.80)(556.80 HELPER 2MH X 8HRS X 3DAYS -48 МН 15.00 (720.00) (720.00 (1,826.40 -24 TIRE BACKHOE 1 UNIT X 8HRS X 3DAYS HRS 26.10 (626.40) 50.00 (1,200.00 DEDUCT REPLACING MM12C METER FOREMAN 1MH X 8HRS X 1DAY -8 МН 36.25 (290.00) (290.00 PLUMBER 1MH X 8HRSX 1DAY 23.20 (185.60) (185.60 HELPER 2MH X 8HRS X 1DAYS -16 МН 15.00 (240.00) (240.00 EQUIPMENT: BOOM TRUCK1 UNIT X 8HRS X 1DAY -8 HRS 26.10 (208.80) 175.00 (1.400.00 (1.608.80 KAISER PRV 43A AND 43B TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL DUE TO EXISTING LINE NOT SHOWN ON PLANS DIFFERENT D 2 SITE CONDITION 34,211.09 4,857.20 43,628.29 D 2-1 MATERIALS: 12" C900 PIPE (TOTAL LENGTH NEW LOC 40" MINUS ASPER ORIGINAL PLAN PIPE LENGTH 20') 20 LF 37.72 754.40 754.40 16"X 16" TEE D.I. MJ X MJ RESTRAIN TYPE 956.08 1,912.16 1,912.16 16" X 45 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 16" BUTTERFLY VALVE ORIGINAL PLAN 2EA NEW EΑ 487.78 975.56 975.56 1 ΕA 2,899.77 2,899.77 2,899.77 AYOUT 3EA 16" C900 PIPE DR 18 40 LF 65.64 2,625.60 2,625.60 16" X 45 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE FOR PRV 43B EXISTIN LINE OFFSET 2 EΑ 487.78 975.56 975.56 16" REPAIR COUPLING RESTRAIN TYPE 7,838.60 7,838.60 3,919.30 EΑ 16" EZ GRIP MJ JOINT RETRAIN DEVICE 16 EΑ 205.28 3.284.48 3.284.48 RESTRAIN EΑ 2 2,181.51 4,363.02 4,363.02 RESTRAIN FA 3,954.45 7,908.90 7,908.90 PIPE LUBE QRTS 15.38 123.04 123.04 16 X 11 1/4" DEG ELBOW MJ X MJ RETRAIN TYPE EΑ 550.00 550.00 550.00 D 2-2 LABOR: FOREMAN 1MH X 8HRS X 5AYS 40 МН 36 25 1,450.00 1.450.00 40 PLUMBER 1MH X 8HRS X 5DAYS 23.20 928.00 928.00 HELPER 1MH X 8HRS X 5DAYS 40 МН 15.00 600.00 600.00 D 2-3 EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS 40 HRS 26.10 1.044.00 50.00 2.000.00 3.044.00 32 HRS 3,395.20 26.10 835.20 2,560.00 D3 KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER 7,650.40 27,117.85 MATERIALS: 8" BLIND FLANGE EA EA 129.65 518.60 518.60 8" BNG SET STAINLESS STEEL 4.00 27.68 110.72 110.72 8" MJ PLUG 1.00 EΑ 77.52 77.52 77.52 EA 8" MJ CAP RESTRAIN TYPE 1.00 77.52 77.52 77.52 8" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 2.00 EΑ 59.86 119.71 119.71 ΕA 2.00 121.95 243.90 243.90 12 X 12 X12 D.I. TEE MJ X MJ RETRAIN TYPE 1 00 FΑ 12" Megalog MJ Restrained 3.00 Ea 311.55 934.65 934.65 12 X 45 DEG D.I. ELBOW MJ X MJ RESTRAIN TYPE 2.00 EA 198.84 12" ASBESTOS PIPE TO C900 REPAIR COUPLING RESTRAIN 2.00 FA 2,166.15 4,332.30 4,332.30 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO C900 REPAIR COUPLING 13.00 FA 1,487.13 1.00 FΑ 1,800.00 1,800.00 1,800.00 MISC MATERIALS 1.00 LOT 200.00 200.00 LABOR REMOVAL OF EXISTING 8" PRV AND INSTALL PLUGS AND BACKFILL EXISTING VAULT 3-2 NEAR GOLF COURSE TWO LOCATION

OWNER: GUAM WATER WORKS AUTHORITY

	SUMITOMO MITSUI CONSTRUCTION CO.,LTE	O.								
	Guam Office : P. O. Box 9670 Tamuning, Guam 96931			MATER	RIAL	LA	BOR	EC	UIPMENT	TOTAL
	Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
	LABOR:				-		-		-	
	FOREMAN 1MH X 8HRS X 5DAYS	40.00	MH		-	36.25	1,450.00		-	1,450
	PLUMBER 1MH X 8HRS X 3DAYS	24.00	MH		-	23.20	556.80		-	556
	HELPER 2MH X 8HRS X 5DAYS	80.00	MH		-	15.00	1,200.00		-	1,20
	EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS	40.00	HRS		-	00.40	4 0 4 4 0 0	50.00		
	BOOMTRUCK 1UNIT X 8HRS X 2DAYS	16.00	HRS		-	26.10	1,044.00	50.00	2,000.00	3,04
	PUMP 1UNIT X 8HRS X 2DAYS	16.00	HRS		-	26.10	417.60	175.00 25.00	2,800.00 400.00	3,21 40
		10.00	1		-		· ·	25.00	400.00	40
	LABOR REMOVAL OF EXISTING 8" METER AND INSTALL PLUGS AND BACKFILL EXISTING VAULT									
3-3	NEAR TANK AREA				_				_	
	LABOR:				-		-		-	
	FOREMAN 1MH X 8HRS X 3DAYS	24.00	MH		-	36.25	870.00		-	87
	PLUMBER 1MH X 8HRS X 3AYS	24.00	MH		-	23.20	556.80		-	55
	HELPER 2MH X 8HRS X 3DAYS	48.00	MH		-	15.00	720.00		-	7:
	EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 3DAYS	24.00	HRS		-					
	BOOMTRUCK 1UNIT X 8HRS X 1DAY	8.00	HRS		-	26.10	626.40	50.00	1,200.00	1,82
		8.00	HRS		-	26.10	208.80	175.00	1,400.00	1,60
	PUMP 1UNIT X 8HRS X 1DAY	6.00	пко				- :	25.00	200.00	20
	INLET PIPING ADJUSTMENT INCLUDING PIPING				-				-	
4	AND BACKFILLING				4,680.80		3,937.60		1,920.00	10,53
i-1	MATERIALS:								-	
	12" C900 PIPE	40	LF	37.72	1,508.92		-	\vdash	-	1,5
	12" REPAIR COUPLING RESTRAIN TYPE	2.00	EA	711.44	1,422.88		-	\vdash	-	1,42
	RESTRAIN CONCRETING	1.00	LOT	250.00	250.00		-		-	25
	MISC MATERIALS	1.00	LOT	100.00	100.00				-	10
	ASPHALT RESTORATION	5.00	TONS	257.00	1,285.00		-		-	1,2
	SS1	10.00	Gallon	11.40	114.00			\vdash	-	1
4-2	LABOR:	00.00			-		-		-	
	FOREMAN 1MH X 8HRS X 4DAYS PLUMBER 2MH X 8HRS X 2DAYS	32.00 32.00	MH		-	36.25	1,160.00		-	1,16
	LABOR 1MH X 8HRS X 4DAYS	32.00	MH		-	23.20	742.40		-	74
		48.00	MH		-	15.00	480.00		-	48
4 0	LABOR PIPING 6MH X 8HRS X 1DAY EQUIPMENT:	40.00	IVII I		-	15.00	720.00			72
4-3	TIRE BACKHOE 1 UNIT X 8HRS X 4DAYS	32.00	HRS			00.40	-	50.00		0.40
	GENERATOR 1 UNIT X 8HRS X 1DAY	8.00	HRS		-	26.10	835.20	50.00 15.00	1,600.00 120.00	2,43
	PUMP 1 UNIT X 8HRS X 1DAY	8.00	HRS					25.00	200.00	20
	ADDITIONAL WORK TO INSTALL TEE BETWEEM PRV 79 AND EXISTING 12" GWA							20.00	200.00	
	LINE INCLUDING INSTALLATION OF 12" GATE VALVE AT EXISTING 12" LINE. GATE VALVE WILL BE SUPPLIED BY GWA									
)5					1,513.77		410.00		350.00	2,27
	FOREMAN 1MH X 4HRS	4.00	MH			36.25	145.00			14
	PLUMBER 1MH X 8HRS	4.00	МН			23.20	92.80			
	LABOR 2MH X 8HRS	8.00	MH			15.00	120.00			12
	EQUIPMENT:									
	BOOM TRUCK 1 UNIT X 2HRS	2.00	HRS			26.10	52.20	175.00	350.00	40
	MATERIALS:									
	12" TEE MJ	1	EA	804.70	804.70					80
	12 STAR GRIP	4	EA	143.96	575.85					57
	12" CAP	1	EA	133.22	133.22					13
06	ADDITIONAL WORK TO CONNECT EXISTING 2" LINE TO NEW 12" LINE PRV 79				916.40		148.90			1,06
	LABOR:									
		2	мн							
	FOREMAN 1MH X 2HRS					36.25	72.50			
	PLUMBER 1MH X 2HRS	2	MH			23.20	46.40			
	LABOR 1MH X 2HRS	2	MH			15.00	30.00			
	MATERIALS:									
	12" X 2" SADDLE STAINLESS STEEL STRAP	1	EA	150.00	150.00					1
	2" CORP STOP BRASS	1	EA	498.00	498.00					4
	2" FEMALE ADAPTER SCH. 80	2	EA	9.00	18.00					
	2" PIPE PVC SCH. 80	1	LGHT	70.00	70.00					
	2" ELBOW 45 DEG.	2	EA	8.50	17.00					
	PVC CEMENT HD FOR SCH. 80	1	QRT	19.00	19.00					
	PVC PRIMER HD FOR SCH 80	1	QRT ROLL	17.00	17.00					
	TEFFLON TAPE	1		2.40	2.40					
	2" GATE VALVE BRASS	'	EA	125.00	125.00		-		-	1
E	ADDITIONAL FLOWABLE COST FOR ELECTRICAL DUCTLINE				23,169.33		(10,423.60)		(11,440.00)	1,30
	MATERIALS:				-		-		-	.,01
1-1	CARNATION				-				-	
	CR - HH3	40.67	CY	118.80	4,831.60				-	4,83
	HH3 - MM11C	7.67	CY	118.80	910.96		-		-	91
	HH3 -MM11E	1.67	CY	118.80	198.40		-		-	19
	HH3 - PRV 11	44.00	CY	118.80	5,227.20		-		-	5,22
	HH3 - PRV 11 ROAD CROSSING AS PER CONTRACT	-15.00	CY	118.80	(1,782.00)				_	/1 7
	HH3 - PRV 15	18.50	CY	118.80	(1,782.00) 2,197.80					(1,78 2,19
	HH3 = PRV 15 ROAD CROSSING AS PER			110.00	2,107.00		· ·		-	2,15
	CONTRACT	-6.50	CY	118.80	(772.20)		-		-	(7
	PRV 15 - MM11F	6.00	CY	118.80	712.80		-		-	7
	PRV15 - PRV 76	23.50	CY	118.80	2,791.80		-		-	2,7
			. Т		1			1 1	-	
	OKKODO				-					
	PWER POLE TO PAD	4.00	CY	118.80	475.20				-	47
		4.00 4.33	CY CY	118.80 118.80						4 5

Change Order Design changes Page 6 of 9

OWNER: GUAM WATER WORKS AUTHORITY

	SUMITOMO MITSUI CONSTRUCTION CO.,LTI	D.								
_	Guam Office: P. O. Box 9670 Tamuning, Guam 96931			MATER	NAL	LA	BOR	EC	QUIPMENT	TOTAL
_	Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
_	HH1 ROAD CROSSING CLARA	-1.11		118.80	(131.87)		-		-	(13
	PRV 78 - PUMP ROOM	9.00	CY	118.80	1,069.20		-			1,069
_	HH2 TO PUMP STATION PARTIAL	-3.70		118.80	(439.56)					(439
	KAISER				-		-		-	
_	PRV 79 - CONTROL ROOM TO PRV 43A,43B AND 80	60.00	CY	118.80	7,128.00		-		-	7,128
	LABOR TO INSTALL FLOWABLE FILL LABOR:				-		- :			
	FOREMAN 1MH X 8HRS X 11DAYS	88.00	MH			36.25	3,190.00		-	3,19
	HELPER 2MH X 8HRS X 11DAYS	176.00	MH		-	15.00	2,640.00		-	2,64
	DEDUCT BACKFILLING WITHOUT FLOWABLE FILL				-				-	
_	LABOR:	-176.00	MH		-		-		-	
-	FOREMAN 1MH X 8HRS X 22DAYS HELPER 2MH X 8HRS X 22DAYS	-352.00	MH		-	36.25 15.00	(6,380.00) (5,280.00)			(6,38 (5,28
1-4	EQUIPMENT:				-		- (0,200.00)		-	(0,
_	EXCAVATOR 1UNIT X 8HRS X 11DAYS TIRE BACKHOE 1UNIT X 8HRS X 11DAYS	-88.00 -88.00	HRS		-	26.10	(2,296.80)	80.00	(7,040.00)	(9,33
	TIRE BACKHOE TUNIT & 8HRS & TIDAYS	-88.00	нкъ			26.10	(2,296.80)	50.00	(4,400.00)	(6,69
	ADDITIVE DEDUCTIVE SCADA POLES INCLUDING ADDITIONAL PULL BOX AND									
	WEATHER HEAD INSTALLATION				277.61		4,687.20		720.00	5,68
	DEPLICATIVE COOT						,,,,,,,,,,			-,-,-
+	DEDUCTIVE COST				-		-		-	
	DEDUCTIVE COST FOR SCADA POLE CARNATION									
	AS PER DRAWING NO. E-501 STEEL POLE	1.00	EA	(5,558.57)	(5,558.57)		-		-	(5,5
	DEDUCTIVE COST FOR SCADA POLE KAISER AS PER DRAWING NO. E-501 STEEL POLE	1.00	EA	(2,865.69)	(2,865.69)				-	(2,8
	ADDITIVE COST								_	
	ADDITIVE 55 FT POLE NEEDED FOR KAISER TO MAKE SURE WE CAN ELEVATE THE ANTENNA TO HAVE LINE SITE TO THE EXISTING GPA SCADA ANTENNA	1.00	EA	8,000.00	8,000.00		_		_	8,0
-	2" MYERS HUB YIGO	6.00 1.00	EA EA	14.00 501.88	84.00 501.88		-			5
	2" WEATHER HEAD	6.00	EA	19.33	115.99		-		-	1:
	LABOR: FOREMAN 1MH X 8HRS X 6DAYS				-				-	
_	ELECTRICIAN 2MH X 8HRS X 6DAYS	48.00 96.00	MH		-	36.25 23.20	1,740.00 2,227.20			1,7-
	HELPER 1MH X 8HRS X 6DAYS	48.00	MH		-	15.00	720.00		-	72
_	EQUIPMENT: GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X				-		-		-	
	6DAYS	48.00	HRS		-		-	15.00	720.00	72
					-		-			
	ADDITIONAL WORK KAISER AREA POTHOLING OF EXISTING VALVE IN THE ROAD TO INVESTIGATE IF THE LINE IS CONNECTED, IF IT IS CUT AND PLUG									
	EXISTING 12" LINE. TO INCLUDE TRAFFIC CONTROL CLOSE AT DAY AND OPEN EVERY DAY 5:00 p.m. TO INCLUDE FLOWABLE FILL OF EXISTING PRV AND POT				7,159.22		8,865.60		4,800.00	20,82
	HOLE AREA JAN 28,31 FEB 1,2,17,18,25AND 30 AND ASPHALT RESTORATION 4									
_	MATERIALS: 12" PLUG MJ TYPE	1	EA	102.48	100.40		-			
			EA		102.48				1	11
_	12" MJ BNG SET	1 1	EA	110.74	110.74				- 1	1
	TRAFFIC CONTROL	1	LOT		110.74 1,500.00		-		-	
	TRAFFIC CONTROL SAND BEDDING	1	LOT LOT	110.74 1,500.00 100.00	1,500.00 100.00				-	1,5
	TRAFFIC CONTROL	1	LOT	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60		-		-	1,5 1 3,2
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR:	1 1 27	LOT LOT CY	110.74 1,500.00 100.00	1,500.00 100.00		-		-	1,50 10 3,20 2,10
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS	1 1 27 18	LOT LOT CY CY	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40	36.25	3,480.00		-	1,50 11 3,21 2,1:
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR:	1 1 27 18	LOT LOT CY CY	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40	36.25 15.00	-			1,50 11 3,21 2,1:
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS	1 1 27 18	LOT LOT CY CY	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - -		3,480.00	50.00	-	1,5i 1i 3,2i 2,1i 3,4i 2,8i
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS	1 1 27 18 96 192	LOT LOT CY CY MH MH HRS	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - -	15.00	- - - - 3,480.00 2,880.00 - 2,505.60	50.00	- - - - - - - - - 4,800.00	1,5 11 3,2 2,1 3,4 2,8 7,3
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD From November 15th 2021 to September 30 2021	1 1 27 18 96 192	LOT CY CY MH MH	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - -	15.00	3,480.00	50.00		1,5 11 3,2 2,1 3,4 2,8 7,3
н	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD From November 15th 2021 to September 30 2021 INSURANCE EXPENSES	1 1 27 18 96 192 96	LOT LOT CY CY MH MH HRS	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - -	15.00	- - - - 3,480.00 2,880.00 - 2,505.60		4,800.00	1,5 11 3,2 2,1; 3,4 2,8; 7,3 334,4
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month	1 1 27 18 96 192 96 10.50	LOT LOT CY CY MH MH HRS	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - - 26,124.00	15.00	- - - - 3,480.00 2,880.00 - 2,505.60	50.00	- - - - - - - - - 4,800.00	1,5 11 3,2 2,1; 3,4 2,8; 7,3(334,4
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month \$ 418/12 month	1 1 27 18 96 192 96 10.50 22.05	LOT LOT CY CY MH MH HRS Mon Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - 26,124.00	15.00 26.10	3,480.00 2,880.00 2,505.60 2,505.60			1,5i 11 3,2i 2,1: 3,4i 2,8i 7,3i 334,4
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$418/12 month HEALTH INSURANCE 3 mem x 10.5 month	1 1 27 18 96 192 96 10.50	LOT LOT CY CY MH MH HRS	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - - 26,124.00	15.00	- - - - 3,480.00 2,880.00 - 2,505.60	194.92	4,800.00 38,866.54	1,5 1 3,2 2,1 3,4 2,8 7,3 334,4
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month \$ 418/12 month	1 1 27 18 96 192 96 10.50 22.05	LOT LOT CY CY MH MH HRS Mon Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - 26,124.00	15.00 26.10	3,480.00 2,880.00 2,505.60 2,505.60	194.92	4,800.00 38,866.54 4,297.91 548.63	1,5 1 1,5 1 3,2 2,1 3,4 2,8 7,3 334,4 4,2 5
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 3 mem x 10.5 month SALARIES 1. SENIOR PROJECT MANAGER 30.0% 2. PROJECT MANAGER 30.0%	1 1 27 18 96 192 96 10.50 22.05 15.75 31.50	LOT LOT CY CY MH MH HRS Mon Mon Mon Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - 26,124.00	15.00 26.10 155.00 8,000.00 7,000.00	2,505.60 2,880.00 2,505.60 2,505.60 4,882.50 25,200.00 58,800.00	194.92	4,800.00 38,866.54 4,297.91 548.63	1,51 1,13 3,22 2,1,1 3,44 2,81 7,31 334,4 4,22 5 4,81 4,81
1	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN HIM X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 HEALTH INSURANCE SALARIES 1. SENIOR PROJECT MANAGER 3. PROJECT MANAGER 80.0% 3. PROJECT ENGINEER 100.0%	1 1 27 18 96 192 96 10.50 22.05 15.75 31.50	LOT LOT CY CY MH MH HRS Mon Mon Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - 26,124.00	155.00 26.10 155.00 8,000.00 7,000.00 4,500.00	3,480.00 2,880.00 2,505.60 269,427.78 4,882.50 25,200.00 47,250.00	194.92	4,800.00 38,866.54 4,297.91	1,51 11 3,2(2) 2,11: 3,4,4 2,8i 7,3i 334,4 4,2i 5 4,8i 2,5,2,4 2,5,2,4 4,8i 4,8i 4,8i 4,8i 4,8i 4,8i 4,8i 4,
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS FOREMAN 1MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 HEALTH INSURANCE 3 mem x 10.5 month SALARIES 1. SENIOR PROJECT MANAGER 2. PROJECT MANAGER 3. 0.0% 3. PROJECT ENGINEER 100.0% 5. SITE SAFETY 30.0% 5. SITE SAFETY 30.0%	1 1 27 18 96 192 96 10.50 22.05 15.75 31.50 3.15 8.40 10.50 10.50 3.15	LOT LOT CY CY MH MH HRS Mon Mon Mon Mon Mon Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - 26,124.00	15.00 26.10 155.00 8,000.00 7,000.00	3,480.00 2,880,00 2,505.60 2,505.60 4,882.50 25,200.00 58,800.00 47,250.00 36,750.00 18,270.00	194.92	4,800.00 38,866.54 - 4,297.91 548.63	1,5 1,5 1,3,2 2,1,1 3,4 2,8 3,34,4 4,2 5 4,8 4,8 4,2 5,5 8,8 4,7,2 3,6,7 1,6,7
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 HEALTH INSURANCE SALARIES 1. SENIOR PROJECT MANAGER 3. PROJECT MANAGER 3. PROJECT MANAGER 4. SITE SUPERVISOR 10.0% 4. SITE SUPERVISOR 10.0% 6. MECHANIC 10.0% 6. SITE SAFETY 3.0% 6. MECHANIC 20.0%	1 1 27 18 96 192 96 10.50 22.05 15.75 31.50 3.15 8.40 10.50 10.50 3.15 2.10	LOT LOT CY CY MH MH HRS Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40 - - - - 26,124.00	155.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 3,500.00	3,480.00 2,880.00 2,505.60 269,427.78 4,882.50 25,200.00 47,250.00 47,250.00 7,350.00	194.92	4,800.00 - 4,800.00 - 38,866.54 - 4,297.91 548.63	1,51 11,51 1,3,22,2,1; 3,4,4 2,81 7,31 334,4 4,22 5,2 4,81 4,81 4,81 4,81 4,81 4,81 4,81 4,81
4	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD SEXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 3 mem x 10.5 month SALARIES 1. SENIOR PROJECT MANAGER 30.0% 2. PROJECT MANAGER 80.0% 3. PROJECT ENGINEER 100.0% 4. SITE SUPERVISOR 100.0% 5. SITE SAFETY 30.0% 6. MECHANIC 20.0% ADMIN 20.0%	1 1 27 18 96 192 96 10.50 15.75 31.50 10.50 10.50 3.15 8.40 10.50 3.15 2.10 2.10	LOT LOT CY MH MH HRS Mon	110.74 1,500.00 100.00 118.80	1,500.00 100.00 3,207.60 2,138.40	155.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 5,800.00 2,560.00	3,480.00 2,880.00 2,505.60 2,505.60 4,882.50 25,200.00 58,800.00 47,250.00 36,750.00 18,270.00 5,376.00	194.92	4,800.00 - - - - - - - - - - - - - - - - -	1,51 1,1 3,2(2,1) 3,4,4 2,8; 7,33 334,4 4,2; 5,4 4,8; 25,2; 4,8; 4,7,2; 18,2; 7,33 5,3,3 5,3,5
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4	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS ECUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 3 mem x 10.5 month EXALTIES SALETY SALARIES 1. SENIOR PROJECT MANAGER 2. PROJECT MANAGER 3. PROJECT ENGINEER 4. SITE SUPERVISOR 1. O.0% 2. PROJECT SAFETY 3. O.0% 2. PROJECT SAFETY 3. O.0% 4. SITE SUPERVISOR 1. O.0% 4. G. MECHANIC 4. D. O.0% ADMIN 2. O.0% EXTERNIBLE SALETY 3. O.0% 6. MECHANIC 4. D. O.0% EXTERNIBLE SALETY 3. O.0% 6. MECHANIC 4. D. O.0% EXTERNIBLE SALETY 5. O.0% EXTERNIBLE SALETY 6. O.0% EXTERNIBLE SALETY 7. O.0% EXTERNIBLE SALETY 8. O.0% EXTERNIBLE SALETY 9. O.0% EXTERNIB	1 1 27 18 96 192 96 10.50 15.75 31.50 10.50 10.50 3.15 8.40 10.50 3.15 2.10 2.10 2.10 1.00 37.80	LOT LOT CY CY CY MH MH HRS Mon Mon Mon Mon Mon Mon Mon Mon Mon Mon	110.74 1,500.00 100.00 118.80 118.80	1,500.00 100.00 2,007.60 2,138.40	15.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 5,800.00 2,560.00	3,480.00 2,880.00 2,505.60 2,505.60 269,427.78 4,882.50 58,800.00 36,750.00 18,270.00 5,376.00 5,376.00 5,376.00	194.92	4,800.00 4,800.00 38,866.54 4,297.91 548.63 -	1,5 1,5 1,3,2,2 2,1 3,4,4 2,8 7,3 334,4 4,2 5 4,8 4,8 4,7 1,7 3,6 5,5 1,8 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9
11	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X BHRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 3 month 6 \$ 30.0% 1. SENIOR PROJECT MANAGER 30.0% 2. PROJECT MANAGER 80.0% 3. PROJECT ENGINEER 100.0% 4. SITE SUPERVISOR 100.0% 6. SITE SUPERVISOR 100.0% 6. MECHANIC 20.0% ADMIN 20.0% Fringe Benefits 32.94% GENERAL PICK UP for Staff 1 to 6 GASOLINE MOBILE PHONE STATIONARY EXPENSES SAFETY MATERIALS	1 1 1 27 18 96 192 96 10.50 15.75 31.50 3.15 8.40 10.50 3.16 2.10 1.00 37.80 37.80 10.50 10.50 10.50 10.50	LOT LOT LOT LOT CY CY CY MH MH MIN MON MON MON MON MON MON MON MON MON MO	110.74 1,500.00 100.00 118.80 118.80	1,500.00 100.00 2,138.40 26,124.00	15.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 5,800.00 2,560.00	3,480.00 2,880.00 2,505.60 269,427.78 4,882.50 25,200.00 47,250.00 36,750.00 18,270.00 7,350.00 5,376.00 65,549.28	194.92	4,800.00 38,866.54 4,297.91 548.63	1,5i 11,5i 11,1,5i 11,
11	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN IMH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS ECUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD EXTENDED OVERHEAD EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 3 mem x 10.5 month SALARIES 1. SENIOR PROJECT MANAGER 3. PROJECT ENGINEER 10.0% 2. PROJECT ENGINEER 10.0% 4. SITE SUPERVISOR 10.0% 6. MECHANIC 2.0.0% ADMIN 2.0.0% ADMIN 2.0.0% CRENERAL PICK UP for Staff 1 to 6 GASOLINE MOBILE PHONE STATIONARY EXPENSES	1 1 1 27 18 96 192 96 10.50 15.75 31.50 10.50 10.50 3.15 2.10 1.00 37.80 37.80 37.80 10.50 10.50	LOT LOT LOT LOT CY CY CY MH MH HRS Mon	110.74 1,500.00 100.00 118.80 118.80	1,500.00 100.00 3,207.60 2,138.40	15.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 5,800.00 2,560.00	3,480.00 2,880.00 2,505.60 2,505.60 2,505.60 4,882.50 47,250.00 36,750.00 18,270.00 7,350.00 5,376.00 65,549.28	194.92	4,800.00 - 4,800.00 - 38,866.54 - 4,297.91 548.63 	1: 1,5(11,5(11,5(11,5(11,5) 3,2(2,1); 3,44(2,8(3,34,4; 3,34,4; 3,4,2(4,2(4,2(4,2(4,2(4,2(4,2(4,2(
	TRAFFIC CONTROL SAND BEDDING FLOWABLE CONCRETE ABANDONED PRV FLOWABLE CONCRETE ROAD SIDE LABOR: FOREMAN 1MH X BHRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS HELPER 2MH X 8HRS X 12DAYS EQUIPMENT; TIRE BACKHOE I UNIT X 8HRS X 12DAYS EXTENDED OVERHEAD INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle 1 to 3 \$ 2339/12 month AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 10.5 month for Staff Vehicle 4 to 6 \$ 418/12 month HEALTH INSURANCE 3 month 6 \$ 30.0% 1. SENIOR PROJECT MANAGER 30.0% 2. PROJECT MANAGER 80.0% 3. PROJECT ENGINEER 100.0% 4. SITE SUPERVISOR 100.0% 6. SITE SUPERVISOR 100.0% 6. MECHANIC 20.0% ADMIN 20.0% Fringe Benefits 32.94% GENERAL PICK UP for Staff 1 to 6 GASOLINE MOBILE PHONE STATIONARY EXPENSES SAFETY MATERIALS	1 1 1 27 18 96 192 96 10.50 15.75 31.50 3.15 8.40 10.50 3.16 2.10 1.00 37.80 37.80 10.50 10.50 10.50 10.50	LOT LOT LOT LOT CY CY MH MH HRS Mon	\$00.00 \$00.00 \$00.00 \$00.00 \$00.00 \$00.00	1,500.00 100.00 3,020.76 2,138.40 26,124.00	15.00 26.10 155.00 8.000.00 7,000.00 4,500.00 3,500.00 5,800.00 2,560.00	3,480.00 2,880.00 2,505.60 2,505.60 2,505.60 4,882.50 47,250.00 36,750.00 18,270.00 7,350.00 5,376.00 65,549.28	194.92	4,800.00 - 4,800.00 - 38,866.54 - 4,297.91 548.63 	1,5 1,5 1,3,2,2 2,1 3,4,4 2,8 334,4 4,2 5 5,2 5,2 5,8 18,2 7,3 3,0 18,9 3,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1

GWA Work Session - November 15, 2022 - ISSUES FOR DECISION

PROJECT: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1

CHANGE ORDER # 3 REV 3

SUMITOMO MITSUI CONSTRUCTION CO.,LTD.

Guam Office: P. O. Box 9670 Tamuning, Guam 96931

Work Description

GRT 5.263%

CHANGE ORDER # 3 REV 3

OWNER: GUAM WATER WORKS AUTHORITY

DATED:

July 15, 2022

LABOR

EQUIPMENT

TOTAL

Amount

Rate Amount Rate Amount

Rate Amount

Rate Amount

CRT 5.263%

CHANGE ORDER AMOUNT

CHANGE ORDER AMOUNT

OWNER: GUAM WATER WORKS AUTHORITY

DATED:

July 15, 2022

LABOR

EQUIPMENT

TOTAL

Amount

Amount

Amount

SR2 Amount

CHANGE ORDER AMOUNT

SR2 Amount

CHANGE ORDER AMOUNT

OWNER: GUAM WATER WORKS AUTHORITY

DATED:

July 15, 2022

July 15, 2022

ATTACHMENT B

CARNATION -MARBO

F405-04 DPR

			_		
	DAILY PRODUCTION REPO	ORT		DATE: 20-Oct-2	20
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		6	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP		
Suriny					
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Clear and g	grub electrical line	SMCC	1	Engineer	8
		SMCC	1	Supervisor	8
Exploration	at Marbo PRV	SMCC	1	Operator	8
		SMCC	1	Safety officer	4
		HW Lee construction	1	Helper	8
Warehouse					
Cutting of r	ebars for control room + PRV	HW Lee construction	6	Skilled	48
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL MOS	RK HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	92
JOB SAFETT	WERE THERE ANY LOCK THAS ACCIDENTS THIS DATES				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	E TOTAL OF WORK	
				M PREVIOUS REPORT:	185.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
(ii 100 allacit a statement of	creckist showing inspection performed)		TOTAL WOR	K HOURS FROM START.	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTR	JCTION:	277.5
(If YES attach a description of LIST SAFETY ACTION TO	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		7/50	SAFETY REQUIREMS	NTS HAVE
			YES	BEEN MET	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
Pavement cutter	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	D AND HOUSE HEED TODAY			
SONO MOSTICIA AND TH	EART EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODAT			
	1 Pavement cutter	8 hrs			
	1 Boomtruck	2 hrs			
	1 PC 200 Komatsu Excavator	8 hrs			- 1
NOTE: Exis	ting waterline in plan 6". During exploration it was found	to be 127			
		CONTRACTOR/SUPERINTE	NDENT	DATE	- 1
				2	[

	DAILY PRODUCTION REPO	ORT		DATE: 21-Oct-2	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		7	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		.3:	
AM WEATHER: Sunny	PM WEATHER: Rainy	MAX. TEMP.	MIN. TEMP.		-
Suriny				<u> </u>	
	WORK PERFORI	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation Marbo PRV		SMCC	1	РМ	8
Pavement of	cutting	SMCC	1	Enginner	8
Excavation	started	SMCC	1	Supervisor	. 8
		SMCC	1	Operator	8
		HW Lee construction	1	Helper	8
Warehouse					
Cutting of re	ebars + angle irons for PRV + Control room , handholes	HW Lee construction	4	Skilled	32
		HW Lee construction	1	Supervisor	8
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I TOTAL WOR	K HOURS ON JOBSITE	80
JOB SAFETY	(in this attack copy of the meeting minutes)			INIS DATE.	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			τ
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:	277.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WORK	(HOURS FROM START	
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO.			357.5
(If YES attach a description of LIST SAFETY ACTION TA	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREME	NTS HAVE
			YES	BEEN MET	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	2 feet bucket LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	P AND HOURS USED TODAY	·		
		TAND HOUSE GOLD TODA	••		1
	1 PC 200 Excavator	8 hrs			
	1 Pavement cutter	8 hrs			
	1 Boom truck	1 hrs	Delivery of	2' bucket	- 1
					- 1
		CONTRACTOR/SUPERINTE	NDENT	DATE	
					1

	DAILY PRODUCTION REPO	ORT		DATE:	20
CONTRACT NO.:	TITLE AND LOCATION:		,	3-Nov-	20
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		20	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
W	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Basecoarse levelling a	and compaction	SMCC	1 ,	Enginner	8
		SMCC		Supervisor	16
1 basecoarse to site	and 4 disposal material hauling.	SMCC		Safety officer	4
		SMCC		Operators	
Camation		SMCC			16
Valve Exploration		SMCC		D.Truck driver	8
Rebar installation at M	arbo PRV76			B.Truck Driver	11
		Hyun Hee		Helper	1
Note1 · Valve evolorati	on at Carnation with Backhoe for GWA to confirm	HW Lee construction		Helpers	32
	rom 9:15 am to 1:30pm due to breakdown of GPA crane	HW Lee construction		Supervisor	8
which came for unoadi		HW Lee construction	1	Owner	8
which came for unoadi	ng powerpoles	HW Lee construction	5	Skilled	40
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WOR	K HOURS ON JOBSITE THIS DATE:	150
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES atlach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	1069.5
WAS TRENCHING/SCAP	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT:	1009.5
	checklist showing inspection performed)	123 NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? I incident and proposed action)	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START	1219.5
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		'		MC (
quipment checklist. E	xcavation Inspection. COVID-19 Temp check RECEIVED TODAY TO BE INCORPORATED IN JOB:				-
	WESTER TO BE INCORPORATED IN 305:				
Basecorase 1 load.					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY			
	2 PC 200 Komatsu excavators	16 hrs			
	1 Boom truck	1 hrs			
	1 Dump truck	8 hrs			
	1 Jumping jack	8 hrs			
	1 Tire backhoe	2 hrs			
	_				
		CONTRACTOR/SUPERINTE	NDENT	DATE	ì

CARNATION AZ

F405-04 DPR DATE: DAILY PRODUCTION REPORT 17-May-21 TITLE AND LOCATION: CONTRACT NO.: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 215 CONTRACTOR SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT .: AM WEATHER: PM WEATHER: MAX TEMP MIN. TEMP. Sunny/Cloudy Sunny/Cloudy **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER HOURS TRADE Carnation SMCC 1 PM 8 Excavation for waterline exposure East side of backroad for road crossing SMCC Engineer 8 Flowable fill Electrical runway SMCC 3 Operator 24 Excavation for straddle block **HW Lee Construction** 1 Supervisor 8 **HW Lee Construction** 2 Skilled 16 **HW Lee Construction** 4 Helper 32 Control room CMU grout. Concrete. Electrical line near PRV concrete. Guam Advance 1 Supervisor 8 Guam Advance 1 Skilled 8 Clara Guam Advance Helper 16 Additional potholing WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 128 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 18280 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV FLECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 18408 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhoe 8 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: DAILY PRODUCTION REPORT 18-May-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 216 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny/Cloudy Sunny/Cloudy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC РМ 8 Excavation for waterline exposure East side of backroad for road crossing SMCC Engineer 8 Mobilisation of PC200 with breaker SMCC 4 Operator 27 PRV11 outside leak repair. Material movement from the road excavation HW Lee Construction 1 Supervisor R Control room footing concrete **HW Lee Construction** 2 Skilled 16 Marbo PRV manhole cover frame concrete **HW Lee Construction** 5 Helper 40 Guam Advance 1 Supervisor 8 Control room second lift wall CMU Guam Advance 1 Skilled 8 Guam Advance 2 Helper 16 WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 139 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 18408 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 18547 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES OF CONSTRUCTION: (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhoe 8 hrs 1 Mini Excavator 8 hrs 1 PC200 Excavator breaker 3 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE DAILY PRODUCTION REPORT 19-May-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 217 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny/Rainy Sunny/Rainy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC 1 PM 8 Excavation for 12" waterlineconnection road crossing and traffic control SMCC Engineer 8 Waterline 12" pipes delivey SMCC 4 Operator 32 Control room electrical rough in SMCC 1 B. Truck operator New waterline not in the plan found 12" trench. Have to decide connect or go HW Lee Construction Supervisor 8 above or below **HW Lee Construction** 2 Skilled 16 Material movement from the road excavation **HW Lee Construction** 5 Helper 40 Guam Advance 1 Supervisor 8 Control room second lift wall CMU Guam Advance 1 Skilled 8 Okkodo Guam Advance 2 Helper 16 MM04C Form removal 5S activities WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 148 (If YES attach copy of the meeting minutes) THIS DATE JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NΩ (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 18547 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 18695 OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhoe 8 hrs 1 Mini Excavator 8 hrs 1 PC200 Excavator breaker 8 hrs

> QMS SEC.400-Project Management SEC.405-04-Progress Inspection

DATE

4 hrs

CONTRACTOR/SUPERINTENDENT

1 Boom Truck

					04 DPR
L	DAILY PRODUCTION REPO	ORT		DATE: 20-May-	21
CONTRACT NO:: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
CONTRACTOR	PRESSURE ZONE REALIGNMENT CONSTR			218	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	DAIN TOAR		
Sunny/Rainy	Sunny/Rainy	MAX. TEMP	MIN. TEMP.		
	WORK PERFOR	MED TODAY			-
Wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
Excavation for 12" water	erlineconnection road crossing and traffic control	SMCC		Operator	32
Excavation for PRV co	nnection	SMCC	1	Safety officer	4
Material movement fro	m the road excavation	HW Lee Construction	1	Supervisor	8
Control room electrical					
Kaiser		HW Lee Construction	4	Helper	32
Additional potholing to	find 14" connected to 12" on other side inside gate	Guam Advance	1	Supervisor	8
		Guam Advance	2	Skilled	16
Clara		Guam Advance	4	Helper	32
Waterline installation.	Sand bedding.				
End cap installation for	pressure testing				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	148
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	18695
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START JCTION:	18843
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check	<				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
					- 1
1	1 PC200 Excavator	8 hrs			
ľ	1 Tirebackhoe	8 hrs			
	Mini Excavator PC200 Excavator breaker	8 hrs 8 hrs]
	SESS EXCUPACIÓN DICARGI	0 1110			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
<u> </u>					T I

					-04 DPR
	DAILY PRODUCTION REPO	DRT		DATE: 21-May-	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		REPORT NO.: 219	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		·	
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation	west	SMCC	1	РМ	8
Excavation for exposin	g the waterline on east side of back road. Found at 5	SMCC		Engineer	8
	connection to mainline	SMCC		Operator	32
Formwork and concret	e thrust block	SMCC		B. Truck operator	4
Control room foundation	on electrial concrete	HW Lee Construction		Supervisor	8
Steel plate delivery		HW Lee Construction		Skilled	16
Kaiser		HW Lee Construction		Helper	32
2nd lift wall control roo	m CMU concrete	Guam Advance		Supervisor	8
		Guam Advance		Skilled	24
7		Guam Advance		Helper	40
•		Odam Advance		rieipei	40
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	180
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	18843
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
WAS HAZARDOUS MAT	checklist showing inspection performed) ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START	19023
	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		1/20	SAFETY REQUIREMENT	S HAVE BEEN
			YES	MET	
COVID-19 Temp Chec	k				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 PC200 Excavator	8 hrs			
	1 Tirebackhoe	8 hrs			
	1 Mini Excavator	8 hrs			
	1 PC200 Excavator breaker 1 Boom truck	8 hrs			
	i Boom tuck	4 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
		CONTRACTOROSUPERINTE	MUENI	DATE	

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 24-May-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 222 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT:: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny/Rainy/Cloudy Sunny/Rainy/Cloudy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Camation SMCC 1 PM 8 Excavation waterline crossing backroad on centre lanes closure traffic control SMCC Engineer 8 Breaker steel plate cold mix Control room electrical work **HW Lee Construction** 1 Supervisor 8 HW Lee Construction 3 Helper 24 SMCC 3 Operator 24 Guam Advance Skilled 8 Guam Advance 16 Helper WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 96 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 19023 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 19119 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhow 8 hrs 1 PC200 Breaker 8 hrs 1 Mini Excavator 8 hrs

> QMS SEC.400-Project Management SEC.405-04-Progress Inspection

DATE

CONTRACTOR/SUPERINTENDENT

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 25-May-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 223 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER MAX. TEMP. MIN. TEMP. Sunny/Rainy/Cloudy Sunny/Rainy/Cloudy **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Carnation^a SMCC 1 PM 8 Excavation waterline crossing backroad on centre lanes closure traffic control SMCC Engineer 8 Breaker steel plate cold mix SMCC 3 Operator 24 Control room electrical work PRV76 manhole cover finish work **HW Lee Construction** Supervisor 8 Clearing east side blue water line for connections Found GPA 2 power line trenchs with flowable fill on trench, onw with ground wir **HW Lee Construction** Helper 32 e at 21" from top Guam Advance 1 Supervisor 8 Guam Advance 1 Skilled 8 Kaiser Guam Advance 2 Helper 16 Excavation for electrical trench inside water tank area connecting vaults and ctrr Outage for MM12B disconnect from E 14" WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 112 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NΩ (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 19119 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 19231 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) IST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhoe 8 hrs 1 PC200 Breaker 8 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

	<u> </u>			F405-	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 2-Jun-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		231	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			-
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Garnation	100	SMCC	1	РМ	8
Mobilisation of breaker	backhoe	SMCC	1	Engineer	8
Excavation for ARV					
Excavation for waterlin	e across backroad	SMCC	4	Operators	24.5
Kaiser		HW Lee Construction	1	Supervisor	8
Control room roof slab	formwork	HW Lee Construction	4	Skilled	32
Exploration for reducer	16"*12" near storage area. Waterline from tank	HW Lee Construction	4	Helper	32
Ysengsong		:			
Thrust block formwork			•		
		V50			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		IK HOURS ON JOBSITE THIS DATE:	112.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	10770 5
WAS TRENSHING OF A	TOUR DANK EL FOTDION AND LANGUE DOUG	V50 [] N0	HOURS FROM	M PREVIOUS REPORT:	19779.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	·		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? f incident and proposed action)	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START I	19892
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	IS HAVE BEEN
COVID-19 temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:	V			
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:	*	-
	1 mini excavator	8 hrs			()
	1 bakhoe	6 hrs			
	1 backhoe with breaker	8 hrs			
	1 PC200 Excavator	2 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
					- 00

N 8			1	F405-	-04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 3-Jun-2	?1
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			REPORT NO.: 232		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY	•	<u>.</u>	
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
PRV76 backfill and cor	mpaction 3rd nd 4th lift one side	SMCC		Safety officer	4
Excavation for waterlin	e across backroad	SMCC		Operators	24
Excavation for electrica	al trench across backroad	HW Lee Construction		Supervisor	8
control room electrical	work	HW Lee Construction		Skilled	32
		HW Lee Construction	4	Helper	32
Kaiser					
Control room roof slab	formwork and rebar	Guam Advance	1	Skilled	8
Exploration for reducer	16"*12" near storage area. Waterline from tank	Guam Advance	2	Helpers	16
Hatch installation MM4	3A and B PRV80				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	O TOTAL WORK HOURS ON JOBSITE THIS DATE:		140
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	19892
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	1		
(If YES attach a statement or	checklist showing inspection performed)				
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 200		20032
(If YES attach a description of	f incident and proposed action)				
LIST SAFETY ACTION I	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMEN MET	TS HAVE BEEN
COVID-19 Temp Checl	k				
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Mini Excavator	8 hrs			
	1 backhoe 1 backhoe with breaker	8 hrs			
	ו המרעותה אותו הופמעהו	8 hrs			
		CONTRACTOR/OURSES	NDCNT.		
		CONTRACTOR/SUPERINTE	INDENT	DATE	

PRY 15 CLEANING CONCRETE

CRUSH POCH

CAUCH PEROPE

DATE:

DATE:

DAILY PRODUCTION REPORT				DATE: 1-Nov-21	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				383	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP.		
Suriny/Rainy					
	WORK PERFORI	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Road crossing electrica	al excavation to PRV11	SMCC	1	Engineer	8
Plastering PRV15		SMCC	3	Operator	24
Flowmeter vaults wall o	chipping for electrical conduit	SMCC	1	B truck optr	4
Marbo PRV electrical w	vork	HW Lee Construction	1	Supervisor	8
Kaiser		HW Lee Construction	4	Skilled	32
Additional potholing nea	ar marine drive road valve 16" to12"	HW Lee Construction	3	Helper	24
Concrete barrier for traf	ffic control and safety	Almer Santos	1	Skilled	1
Backfilling of additional	pothoing near kaiser outlet	Guam Advance	3	Skilled (E)	24
14" Chlorination 1st sar	mple				
Terao					
Meter vault 1st lift wall i	rebar installation				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE THIS DATE:	133
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	34216
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? f incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 343		34349
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMEN MET	TS HAVE BEEN
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	Med Excavator with breaker Mini Excavator	8 hrs 8 hrs			n 3
	2 Tirebackhoe	16 hrs			
	1 Boom truck	4 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	
					- 1

	DAILY PRODUCTION REPO	ORT		DATE:	4
CONTRACT NO.: TITLE AND LOCATION:			2-Nov-21 REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	384		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Road crossing electrica	al excavation to PRV11	SMCC		Engineer	8
Plastering PRV15 pipe	support	SMCC		Operator	24
	chipping for electrical conduit				
Marbo PRV electrical v	vork	HW Lee Construction	1	Supervisor	8
Kaiser		HW Lee Construction		Skilled	36.5
Additional potholing ne	ar marine drive road valve 16" to12"	HW Lee Construction	3	Helper	24
		Guam Advance	3	Skilled (E)	24
Terao					
Meter vault 1st lift wall	rebar installation				
		2			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		OTAL WORK HOURS ON JOBSITE : THIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CLIMULATIVE TOTAL OF WORK		34349
	FFOLD/HV ELECTRICAL/HIGH WORK DONE? r checklist showing inspection performed)	YES NO	TIOSING THOM PREVIOUS REPORTS		
1.1 50%	ERIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 3448		34481.5
	of incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREM	
		l	123	BEEN MET	<u> </u>
COVID-19 temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:			-	
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ED AND HOUDS HEED TODAY	,		
	EARL EQUILIBRIUM ON TOP STIE TOPAT, INCLUDE NUMBE	IN AND HOURS USED TODA	•		
	1 Med Excavator with breaker	8 hrs			
	1 Mini Excavator	8 hrs			
	2 Tirebackhoe	16 hrs			
! -		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	DRT		DATE: 8-Nov-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		390	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Cloudy	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sulliy/Cloudy	Sunny/Cloudy				
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	9
PRV15 plastering		SMCC	1	Engineer	9
Electrical trench excava	ation to PRV11 2nd half. Flowmeter vaults wall chipping	SMCC	3	Operator	23.5
Kaiser		SMCC	1	Btruck Optr	8
Bedding sa <u>nd delivery.</u>	Excavated material hauling out 3. Meter ped. formwork	HW Lee Construction	1	Supervisor	8
Pressure Leak test 16"	outlet. 14"to16" Connection area sand bedding+backfill	HW Lee Construction	3	Skilled	24
Clara		HW Lee Construction	5	Helper	39
Chlorination 1st sample		Almer Santos	ų 1	Skilled	1
Terao		SMCC	1	D.truck optr	6
MM44 1st lift outside wa	all formwork	Guam Advance	1	Skilled(M)	8
Maimai		Guam Advance	2	Helper	16
Compaction test					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	LOTAL MOR	K HOURS ON JOBSITE	151.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		35065.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? fincident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 3521		35217
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	/ :		
	4 Mini avera etc.	•			
	1 Mini excavator 2 Tire backhoe	8 hrs			l
	1 Boom truck	16 hrs 8 hrs			ļ
	1 Excavator with breaker	8 hrs			
	1 Dump truck	6 hrs			
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 9-Nov-2	01
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		391	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		<u>, </u>	
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP		
	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	8
	support form and rebar concrete	SMCC		Engineer	9
Electrical trench excava	ation to PRV11 2nd half road crossing	SMCC		Operator	24.5
Kaiser		SMCC		Btruck Optr	8
Meter pedestal formwor	k + rebar installation	HW Lee Construction		Supervisor	8
Pressure Leak test 16"	outlet. 14"to16" Connection area backfill+compaction	HW Lee Construction		Skilled	32
Clara		HW Lee Construction	4	Helper	32
Chlorination 2nd sample	a. Steel plate adjust	Almer Santos	1	Skilled	1
Terao					
MM44 1st lift outside wa	all formwork	Guam Advance	1	Skilled(M)	8
Maimai		Guam Advance	2	Helper	16
Rebar delivery					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES		O TOTAL WORK HOURS ON JOBSITE THIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES I	NO CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		35217
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES	10		
(If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? (incident and proposed action)	YES T		TOTAL WORK HOURS FROM START 35363	
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREM BEEN ME	
COVID-19 temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TO	DAY:	 -	
	1 Mini excavator	8 hrs			
	2 Tire backhoe 1 Boom truck	16 hrs 8 hrs			
	1 Excavator with breaker	8 hrs			
		CONTRACTOR/SUPERI	NTENDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE:	24
CONTRACT NO.:	TITLE AND LOCATION:			13-Nov-2	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	ľ			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Rainy/Sunny	PM WEATHER: Rainy/Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY			·
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	
PRV15 digging, cleanir	ng water blast	SMCC		Engineer	8
Chipping vault wall of F		SMCC		Operator	- 8 7
1	rea backfill and compaction	SMCC		Water truck optr	8
Kaiser		HW Lee Construction		Supervisor	8
Meter pedestal formwo	rk and rebar+ Support	HW Lee Construction		Skilled	40
	cleaning. Pressure Leak test 16" outlet.	HW Lee Construction		Helper	40
Terao		Guam Advance		Skilled(M)	8
PRV12 bottom slab reb	ar	Guam Advance		Helper	16
MM44 1st lift outside w	all formwork Secure				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE THIS DATE:	143
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		35657.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? If incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 35800		35800.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
18					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODA	/:		
	,				
	1 Tirebackhoe	8 hrs			
	1 Water truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
		OTHER		DATE	Î

	DAILY PRODUCTION REPO	ORT		DATE:	
CONTRACT NO.:	ITITLE AND LOCATION:		15-Nov-21		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	REPORT NO.: 397		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY	-		
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV15 cleaning		SMCC	1	Engineer	8
crushed rock laying at b	pottom	SMCC	2	Operator	16
Kaiser		SMCC		B truck optr	8
Waterline trenching PR	V79 connection to 16"	HW Lee Construction		Supervisor	8
Meter pedestal formwor	rk and rebar	HW Lee Construction	3	Skiiled	24
Pressure Leak test 16"	outlet.	HW Lee Construction	4	Helper	32
Terao		Hyun Hee	2	Skilled	16
MM44 1st lift platform fo	or concrete	Hyun Hee	2	Helper	16
Maimai		Guam Advance	1	Skilled(P)	8
Fabrication of wall form	s meter vault	Guam Advance	2	Helpers	16
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE :	160
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPOR			35800.5	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? If incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 35960		35960.5
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
	NESCRED TO BE INSURFICION OWNED IN SUB.				
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	/ :	<u> </u>	
	4 Timbookhaa				
	1 Tirebackhoe 1 Mini excavator	8 hrs 8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE:	
			24-Nov-21 REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	406		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		<u> </u>	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
cloudy/ Sunny	cloudy/ Sunny				
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
PRV15 sleeve form and	patching. Electrical trench concrete pouring	SMCC	1	Engineer	8
Latte height side 2nd ha	alf + PRV15 area	SMCC	2	Operator	16
Kaiser		SMCC	1	B truck optr	8
Additional excavation for	r inlet 12" 16" connection				
Pressure Leak test 16"	outlet	HW Lee Construction	1	Supervisor	8
Thrust block form		HW Lee Construction	4	Skiiled	32
Ysengsong		HW Lee Construction	4	Helper	28
Valve collar form and re	bar	Hyun Hee	2	Skilled	16
Terao		Hyun Hee	2	Helper	16
PRV12 1st lift wall form	work and rear	Guam Advance	1	Skilled(P)	8
Maimai		Guam Advance		Helpers	16
meter vault wall formwo	rk	Guam Advance	3	Skilled (E)	24
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE	188
JOB SAFETY	(if the diddit copy of the incessing finitities)			TIS DATE.	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	36972
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOOKS / KO	FREVIOUS REPORT	- 1
(If YES attach a statement or	checklist showing inspection performed)				
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START 3716		37160
-2	incident and proposed action)	L IES NO	0. 00.101110		
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
COVID-19 temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY	<u>':</u>		
	1 Tirebackhoe	8 hrs			
	1 Boom truck	8 hrs			
	1 Mini excavator	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	DRT		DATE:	U4 DPR
CONTRACT NO.:	TITLE AND LOCATION:	ZIX I		10-Oct-2	21
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Rainy/Sunny	PM WEATHER: Rainy/Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY	<u>. </u>		
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation			"		HOURS
Electrical trench excav	ation on shoulder area towards PRV11	SMCC	1	Engineer	4.5
PRV15 bottom digging	and cleaning				
		SMCC	1	Operators	4.5
		HW Lee Construction	1	Supervisor	4.5
		HW Lee Construction		Helman	40.5
		HVV Lee Construction	3	Helper	13.5
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	THIS DATE: NO CUMULATIVE TOTAL OF WORK		27
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO			31872.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM PREVIOUS REPORT:		
1	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 3189		31899.5
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID -19 Temp Chec					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:			-	
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hyundai excavator	4.5 hrs			
					į
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO) DT		DATE:		
CONTRACT NO.:	TITLE AND LOCATION:			4-Dec-21		
W18-001-BND	l l				REPORT NO.: 416	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
	WORK PERFOR	MED TODAY		·		
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
PRV15 cleaning		SMCC	1	Engineer	8	
Kaiser		SMCC	1	B truck optr	4.5	
Wrapping the fittings						
Thrust block formwork	and concrete	HW Lee Construction	1	Supervisor	8	
Sand bedding		HW Lee Construction	4	Skiiled	32	
Site cleaning		HW Lee Construction	3	Helper	24	
Terao						
Fabrication of rebar						
Form support removal						
			51			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WORK HOURS ON JOBSITE THIS DATE:		84.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 3813		38130.5	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL 18/00:	/ USUBS 5000 07 07		
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 38:		38215	
(If YES attach a description of	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:	-		SAFETY REQUIREM	ENTE HAVE	
	TODATION ETT MOP ECTION COMPOSITED.		YES	BEEN MET		
COVID-19 Temp Check						
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODAY	/ :			
	1 Boom truck	4.5 hrs				
		CONTRACTOR/SUPERINTE	MOENT			
		CONTRACTOR/SUPERINTE	:NUENI	DATE	j	

						
	DAILY PRODUCTION REPO	ORT		DATE: 8-Dec-2	:1	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				420	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.			
- County Cloudy						
	WORK PERFOR	MED TODAY				
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	PM	8	
Electrical trench backfil	lling and grading road side	SMCC	1	Engineer	8	
Closing PRV15 slab an	d cleaning	SMCC	1	Operator	8	
Kaiser		SMCC	1	B truck optr	8	
Asphalt cutting						
16" outlet pressure leal	k test. 10:00 to 12:30. Approved	HW Lee Construction	1	Supervisor	8	
Yigo		HW Lee Construction	3	Skiiled	24	
Electrical work		HW Lee Construction	4	Helper	32	
Concrete electrical tren	ch	Hyun Hee	2	Skilled	16	
Terao		Hyun Hee	2	Helper	16	
MM44 2nd lift wall form	work and reabr	Guam Advance	1	Skilled (M)	8	
Maimai		Guam Advance	2	Helper	16	
meter vault wall formwo	ork and rebar	Guam Advance		Skilled (E)	16	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		OTAL WORK HOURS ON JOBSITE THIS DATE:		
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	38543	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	1,0781			
(If YES attach a statement or	checklist showing inspection performed)					
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	TOTAL WORK HOURS FROM START YES NO OF CONSTRUCTION:		38711		
	finddent and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:					
LIST SAFETT ACTION I.	AKEN TODAT/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET		
COVID-19 Temp Check	,				[
	RECEIVED TODAY TO BE INCORPORATED IN JOB:	- · · · · · · · · · · · · · · · · · · ·				
CONSTRUCTION AND D	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	r:			
	1 Tirebackhoe	9 hrs			ĺ	
	1 Boomtruck	8 hrs 8 hrs			- 1	
		··			ļ	
					j	
		CONTRACTOR/SUPERINTE	NDENT	DATE	ľ	

▼ : 5 0 00	PRV 13 HATCH	(POTAUA	MO		-04 DPR
	DAILY PRODUCTION REPO			DATE: 21-Mar-2	22
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		REPORT NO.: 523	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.	,	
	WORK PERFORI	MED TODAY			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Preparation for asphalt	t restoration. 12" waterline crossing	SMCC	1	Engineer	8
Additional work PRV15	hatch- chipping	SMCC	1	Supervisor	8
EHH and flowmeter val	ults patching.	SMCC		Operator	17
Electrical work in vaults	s and control room	SMCC		B&D truck optr	17
		HW Lee Construction		Supervisor	8
Terao		HW Lee Construction		Skilled	32
Pressure leak test		HW Lee Construction		Helper	39.5
		1000		Tierpor	00.0
Maimai		Guam Advance	2	Skilled (M)	16
Form removal		Guam Advance		Engineer (E)	3
Waterproof painting	·	Guam Advance		Skilled (E)	24
Waterproof pair		Guain Advance		Skilled (=)	<u> </u>
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	O TOTAL WORK HOURS ON JOBSITE THIS DATE:		180.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE	E TOTAL OF WORK M PREVIOUS REPORT:	
ľ	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
1	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? f incident and proposed action)		TOTAL WORK OF CONSTRU	K HOURS FROM START JCTION:	180.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp check	· ·				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	ER AND HOURS USED TODAY	·:		*************************************
	1 Tirebackhoe	8 hrs			
l	1 Hyundai excavator	8 hrs			
l	1 Boom truck	8 hrs			
	1 Dump truck	8 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	
ĺ			Nou	5.1.2	

		-		DATE:	04 DPR					
DAILY PRODUCTION REPORT				22-Mar-22						
CONTRACT NO.: W18-001-BND					REPORT NO.: 524					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:								
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.							
Sunny/Cloudy	Sunny/Cloudy									
WORK PERFORMED TODAY										
WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HOURS					
Carnation		SMCC	1	РМ	8					
Additional work PRV15 hatch- chipping		SMCC	1	Engineer	. 8					
Electrical work in vaults and control room		SMCC 1		Supervisor	8					
Clara		SMCC		Operator	16					
Door installation		SMCC		B&D truck optr	16					
SCADA work		HW Lee Construction	1	Supervisor	8					
Ysengsong		HW Lee Construction	4	Skilled	32					
Door installation		HW Lee Construction	6	Helper	48					
Terao		MCS	2	Skilled	16					
Pressure leak test		Guam Advance	2	Skilled (M)	16					
Excavation for 12" waterline road crossing		Guam Advance	1	Engineer (E)	3					
		Guam Advance	3	Skilled (E)	24					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WORK HOURS ON JOBSITE THIS DATE:		203					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:							
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES attach a statement or checklist showing inspection performed)		YES NO	1							
WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? (If YES attach a description of incident and proposed action)		YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 203		203					
LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED:			YES	SAFETY REQUIREMENT MET	S HAVE BEEN					
COVID-19 temp check										
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		•							
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:							
	1 Hyundai excavator	8 hrs								
1 Boom truck		8 hrs								
	1 Dump truck	8 hrs			3					
		CONTRACTOR/SUPERINTE	NDENT	DATE						
			Tage-							

	- Committee of the comm				04 DPR					
DAILY PRODUCTION REPORT				DATE: 23-Mar-22						
CONTRACT NO.: W18-001-BND	Was and Burn				REPORT NO.:					
CONTRACTOR:	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			525						
AM WEATHER:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.: MAX. TEMP. MIN. TEMP.								
Sunny	Sunny	WAA. I LIVIF.	IVIIIV. TEIVIP.							
WORK PERFORMED TODAY										
WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HOURS					
Carnation		SMCC	1	РМ	8					
Additional work PRV15 hatch- chipping		SMCC	1	Engineer	8					
Electrical work in vaults and control room		SMCC	1	Supervisor	8					
Asphalt restoration latte heights side electrical trench and 12" waterline		SMCC	2	Operator	17					
		SMCC	2	B&D truck optr	17					
Clara		HW Lee Construction	1	Supervisor	8					
SCADA work		HW Lee Construction	4	Skilled	34					
		HW Lee Construction	7	Helper	63					
Terao		MCS	2	Skilled	16					
Pressure leak test		Guam Advance	2	Skilled (M)	16					
		Guam Advance	3	Skilled (E)	24					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WORK HOURS ON JOBSITE THIS DATE: 219		210					
JOB SAFETY	(If YES attach copy of the meeting minutes)				219					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO								
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:						
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE?		YES NO								
(If YES attach a statement or checklist showing inspection performed)										
WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START OF CONSTRUCTION:		219						
(If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED:										
LIST SAFETY ACTION T	AREN TODAT/SAFETY INSPECTION CONDUCTED:	į	YES	SAFETY REQUIREMENT MET	TS HAVE BEEN					
COVID 10 tomp shock										
COVID-19 temp check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:									
CONSTRUCTION AND D	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE									
CONSTRUCTION AND FI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	H AND HOURS USED TODAY	•							
	1 Tirebackhoe	9 hrs								
1 Boom truck		8 hrs								
1 Dump truck		9 hrs								
					J					
CONTRACTOR/SUPERINTENDENT DATE										

F405-04 DPR **DAILY PRODUCTION REPORT** 24-Mar-22 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 526 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT .: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Carnation SMCC РМ Я Additional work PRV15 hatch- chipping SMCC Engineer 8 Electrical work in vaults and control room SMCC Supervisor 8 SMCC 2 Operator 16 SMCC 2 B&D truck optr 16 Clara **HW** Lee Construction 1 Supervisor 8 SCADA work **HW Lee Construction** 4 Skilled 28.5 **HW Lee Construction** 6 Helper 50 Terao MCS 2 Skilled 16 Pressure leak test Guam Advance 2 Skilled (M) 16 Excavation for waterline road crossing Maimai Guam Advance 3 Skilled (E) 24 Form removal inside WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 198.5 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 198.5 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? NO OF CONSTRUCTION: YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES MET COVID-19 temp check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Hyundai excavator 8 hrs 1 Dump truck 8 hrs 1 Boom truck 8 hrs CONTRACTOR/SUPERINTENDENT DATE

					04 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 28-Mar-2	22	
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				REPORT NO.: 530		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.			
	WORK PERFORI	MED TODAY				
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC		PM	HOURS	
Additional work PRV15	hatch- chipping	SMCC			8	
Electrical work in vaults		SMCC		Engineer	8	
Kaiser	, and control to control	SMCC		Supervisor		
Manual grading near fe	nno			Operator	16	
Clara, Ysengsong	nice	SMCC		B&D truck optr	16	
SCADA work		HW Lee Construction		Supervisor	8	
SCADA WOIK		HW Lee Construction		Skilled	16	
		HW Lee Construction		Helper	40	
Terao		MCS		Skilled	16	
Pressure leak test		Guam Advance	2	Skilled (M)	16	
Excavation for waterline	e road crossing					
		Guam Advance	3	Skilled (E)	24	
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO		RK HOURS ON JOBSITE	176	
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	""	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK M PREVIOUS REPORT:		
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	TIOONS I HOP	WIFNEVIOUS REPORT.		
	checklist showing inspection performed)					
WAS HAZADDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK	CHOURS FROM START	176	
	fincident and proposed action)	L TES INU	07 001101110	onon.		
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN	
				WIL, I		
COVID-19 Temp Check	C					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
	1 Hyundai excavator	8 hrs			ľ	
	1 PC200	8 hrs				
	1 Dump truck	8 hrs			- 1	
	1 Boom truck	8 hrs			l	
		CONTRACTOR/SUPERINTE	NDENT	DATE		

F405-04 DPR

	DAILY PRODUCTION REPO)DT		DATE:	U4 DPH	
CONTRACT NO :				29-Mar-2	22	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		REPORT NO.: 531		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.			
Sunny	Sunny					
	WORK PERFOR	MED TODAY				
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Additional work PRV15	hatch- chipping	SMCC	1	Engineer	8	
Electrical work in vaults	s and control room	SMCC	1	Supervisor	8	
Kaiser		SMCC	2	Operator	16	
Manual grading near fe	nce. Backfill compaction	SMCC	1	B&D truck optr	8	
Ysengsong		HW Lee Construction	1	Supervisor	8	
SCADA work		HW Lee Construction	3	Skilled	24	
		HW Lee Construction	5	Helper	40	
Terao		MCS	2	Skilled	16	
Pressure leak test		Guam Advance	2	Skilled (M)	16	
Excavation for waterline	e road crossing					
Barricade painting		Guam Advance	3	Skilled (E)	24	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	NO TOTAL WORK HOURS ON JOE THIS DATE:		176	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		CUMULATIVE TOTAL OF WORK		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM PREVIOUS REPORT:			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		176	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
		CONTRACTOR/SUPERINTE	NDENT	DATE		

	-	22			04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 31-Mar-2	22
144 and 144 an				REPORT NO.:	
W10-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		533	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Additional work PRV15	hatch- chipping form and rebar	SMCC		Engineer	8
Electrical work in vault		SMCC		Supervisor	8
		SMCC		Operator	16
		SMCC			
		HW Lee Construction		B&D truck optr Supervisor	6.5 8
		HW Lee Construction		Skilled	16
		HW Lee Construction		Helper	40
Terao			_		
Pressure leak test		Guam Advance	2	Skilled (M)	16
Excavation for waterlin	е				
Maimai		Guam Advance	3	Skilled (E)	24
Backfill				, ,	
5: 15.30	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL 1410		
JOB SAFETY	(If YES attach copy of the meeting minutes)		TOTAL WORK HOURS ON JOE THIS DATE:		150.5
UOD SAI EIT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)	TEO NO	CUMULATIVE	TOTAL OF WORK	
WAS TRENCHING/SCAE	FOLD/HV ELECTRICAL/HIGH WORK DONE?	VEC NO	HOURS FROM	M PREVIOUS REPORT:	
3	checklist showing inspection performed)	YES NO	-		
<u></u>			TOTAL WORK HOURS FROM START		150.5
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? f incident and proposed action)	YES NO	OF CONSTRU	CHON:	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	IS HAVE BEEN
				MET_	
COVID-19 temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:	70	-
l,	1 Hyndai excavator	8 hrs			
	1 PC200	8 hrs			
	4 Page 1				
	1 Boom truck	6.5 hrs			
		CONTRACTOR/SUPERINTE	NOENT	DATE	
		SOM MOTOR SOFERINTE		DATE	

180					-04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 1-Apr-2	2
CONTRACT NO.: W18-001-BND					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Curity		MED TODAY			
	WORK PERFORI				
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Additional work PRV15	hatch-form and rebar	SMCC	1	Engineer	8
New hatch installation a	and securing	SMCC	1	Supervisor	8
Electrical work in vaults	and control room	SMCC	2	Operator	16
Valve collar and electric	cal trench concrete	SMCC	2	B&D truck optr	16
Clara, Ysengsong		HW Lee Construction	1	Supervisor	. 8
SCADA work		HW Lee Construction	2	Skilled	16
		HW Lee Construction	5	Helper	37
Terao		MCS	2	Skilled	16
Pressure leak test		Guam Advance	2	Skilled (M)	16
Excavation for waterline	9				
Maimai		Guam Advance	3	Skilled (E)	24
Backfill					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	NO TOTAL WORK HOURS ON JOBS! THIS DATE:		173
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL 14400		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		173
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	S HAVE BEEN
		l	YES	MET	
COVID-19 Temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		***		
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hyndai excavator	8 hrs			
	1 PC200	8 hrs			
	1 Boom truck	6.5 hrs			
	6	CONTRACTOR/SUPERINTE	NDENT	DATE	

	The state of the s	*****		DATE:	04 DPR
	DAILY PRODUCTION REPO	ORT		4-Apr-2	2
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
W 16-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		537	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Curry					
	WORK PERFORI	MED TODAY			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Additional work PRV15	hatch-rebar installation and securing	SMCC	1	Engineer	8
Electrical work in vault	s and control room	SMCC	1	Supervisor	8
Clara		SMCC	2	Operator	16
Fence restoration		SMCC	1	B&D truck optr	8
		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	2	Skilled	16
		HW Lee Construction	5	Helper	40
Terao					
Pressure leak test		Guam Advance	_ 2	Skilled (M)	16
Excavation for waterlin	e				
		Guam Advance	3	Skilled (E)	24
N)					
				l_	
	WAS A JOB SAFETY MEETING HELD THIS DATE?			RK HOURS ON JOBSITE	152
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
<u></u>	(If YES attach copy of completed OSHA report)			TOTAL OF WORK M PREVIOUS REPORT:	
	FFOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	r checklist showing inspection performed)		TOTAL WORK HOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRUCTION:		152
	of incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		VEO	SAFETY REQUIREMENT	S HAVE BEEN
			YES	MET	
COVID-19 Temp Chec	k				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:	- -	·	· · · ·	
CONSTRUCTION AND F	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	,	,_,,,			
	1 Boom truck	8 hrs			
	1 Hyundai excavator	8 hrs			
	1 Tire backhoe	8 hrs			
54		CONTRACTOR/SUPERINTE	NOENT	DATE	
		CONTRACTOR/SUPERINTE	INDEN I	DATE	1

F405-04 DPR

			500	DATE:	04 DPR
	DAILY PRODUCTION REPO	DRT		5-Apr-2	2
WIG OOF DND			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	538		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Suriny					
	WORK PERFOR	MED TODAY			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Additional work PRV15	hatch-Concrete	SMCC	1	Engineer	8
Electrical work in vaults	s and control room	SMCC	1	Supervisor	8
Kaiser		SMCC	2	Operator	16
Fence restoration		SMCC	1	B&D truck optr	8
Pavement cutting and	compaction for restoration	HW Lee Construction	1	Supervisor	8
		HW Lee Construction	2	Skilled	16
		HW Lee Construction	5	Helper	40
Terao					
Pressure leak test. Inp	ection , but Could not fill the water to see allowable	Guam Advance	2	Skilled (M)	16
leakage water amonut	. Postponed to next day				
Excavation for waterline	9	Guam Advance	3	Skilled (E)	24
	-				
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	NO TOTAL WORK HOURS ON JOBSITE THIS DATE:		152
JOB SAFETY	(If YES attach copy of the meeting minutes)				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WORK	LOUBS EDOM STADT	
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START 0 OF CONSTRUCTION:		152
	f incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:	-		SAFETY REQUIREMENT	S HAVE REEN
			YES	MET	011111202211
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:	· · · · · · · · · · · · · · · · · · ·			
COVID-19 Temp check CONSTRUCTION AND P	(LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•		
	1 Boom truck	8 hrs			
	1 Hyundai excavator	8 hrs			
	1 Tire backhoe	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
			16.2		

YSENGSONG BI 4. EXECULATION TON HOWELD s. Flowable fill paration **DAILY PRODUCTION REPORT** 24-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 192 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP Sunny Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Kiaser SMCC 1 PM 8 Excavation for 14" waterline SMCC Engineer 8 Cleaning the road SMCC 1 Supervisor 8 Ysengsong Waterline trench back fill and compaction 1 lift **HW Lee Construction** 3 Helper 24 SMCC 2 Operator 16 WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 64 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 16186 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 16250 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES OF CONSTRUCTION: (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Tirebackhow 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE **DAILY PRODUCTION REPORT** 26-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 194 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Rainy Rainy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC РМ 8 Electrical conduit installation SMCC Engineer 8 SMCC 1 Supervisor 8 Kaiser Additional potholing Excavation for 14" waterine **HW Lee Construction** 3 Skilled 24 Sand bedding HW Lee Construction 5 Helper 40 Ysengsong SMCC 2 Operator 16 Waterline backfill and compaction 2nd lift and 3rd lift Guam Advance 1 Supervisor 8 Okkodo Guam Advance 1 Skilled 8 2nd lift wall and top slab rebar and formwork Guam Advance 3 Helper 24 Note: Work delayed 4hrs due to heavy rain WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 144 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 16250 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 16394 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES OF CONSTRUCTION: (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 excavator 8 hrs 1 Tire backhoe 8 hrs CONTRACTOR/SUPERINTENDENT DATE

				e no	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 11-May-	21
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				REPORT NO.: 209	
CONTRACTOR:	<u> </u>				
AM WEATHER: Rainy/Cloudy/Sunny	PM WEATHER: Rainy/Cloudy/Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Water sample for EPA	lab test	SMCC	1	Engineer	8
Mobilisation of PC200					
Kaiser		SMCC	2	Operator	16
14" waterline connection	on	HW Lee Construction	1	Supervisor	8
Ysengsong					
Excavation for straddle	e block.	HW Lee Construction	4	Helper	32.5
Water line 3rd lift back	fill and compaction				
Water sample for EPA	lab test	Guam Advance	1	Supervisor	8
		Guam Advance	2	Skilled	12
		Guam Advance	3	Helper	18
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WORK HOURS ON JOBSITE THIS DATE:		110.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		17655.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	1		
	checklist showing inspection performed) ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START 1770		17766
	of incident and proposed action)				
LIST SAFETY ACTION I	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
COVID-19 Temp Chec	k				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		-		
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
_	4 Timb : 11				
	1 Tirebackhoe 1 Mini excavator	8 hrs 8 hrs			
	i iviiiii excavatoi	o fiis			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

F405-04 DPR DATE **DAILY PRODUCTION REPORT** 12-May-21 CONTRACT NO TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 210 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Rainy/Cloudy/Sunny Rainy/Cloudy/Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC 1 PM 8 Electrical conduit work SMCC Engineer 8 Outage and replace the main line in PRV11 SMCC 3 Operator 28 Clara **HW Lee Construction** 1 Supervisor R Additional potholing backfill Ysengsong **HW Lee Construction** 3 Helper 24 Excavation for straddle block. Potholing the valve connection near the road Found the ACP is connection as T to the valve and goes straight across road Guam Advance 1 Supervisor 8 direction Guam Advance 3 Skilled 24 Guam Advance 6 Helper 48 WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 156 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 17766 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 17922 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Tirebackhoe 8 hrs 1 Mini excavator 8 hrs 1 boom truck 12 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 30-Sep-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 351 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT :: PM WEATHER: AM WEATHER: MAX. TEMP. MIN. TEMP. Sunny/Rainy Sunny/Rainy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER **TRADE** HOURS Safety meeting SMCC 1 PM 8 Carnation SMCC 1 Engineer 8 12" connection area backfill and compaction SMCC 3 Operator 20 Control room roof securing. Valve collar form+rebar SMCC 1 D Truck Driver 8 Clara **HW Lee Construction** Supervisor 8 Excavation for waterline connection+traffic control **HW Lee Construction** 3 Skilled 24 Chipping waterline trench around telephone cables **HW Lee Construction** Helper 52.5 SMCC 1 Safety officer 2 Preparation for asphalt. Basecourse level-and compaction **HW Lee Construction** 2 Skilled 16 Hauling of disposal materials and cleaning grading **HW Lee Construction** 2 Helper 14 Terao Moving rebar to Terao WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 160.5 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 31123 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NC (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 31283.5 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Hyundai excavator 8 hrs 1 Tire backhoe 8 hrs 1 Dump truck 8 hrs 1 Boom truck 4 hrs CONTRACTOR/SUPERINTENDENT DATE

					F405-	04 DPR
	DAILY PRODUCTION REPO	ORT			DATE: 2-Oct-2	1
CONTRACT NO.: W18-001-BND	[·				REPORT NO.: 353	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUP				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.		MIN. TEMP.		
	WORK PERFOR	MED TODA	Υ	<u> </u>	÷.	
wo	ORK LOCATION AND DESCRIPTION	EMPLO	YER	NUMBER	TRADE	HOURS
Carnation		SMC	CC	1	РМ	8
Installation of concrete	barriers around PRV15	SMC	C	1	Engineer	8
Kubota mini excavator	track change	SMC	cc	1	Operator	8
_		SMC	cc	1	B truck optr	8
·		HW Lee Co	nstruction	1	Supervisor	8
Clara						
Compaction_		HW Lee Co	nstruction	6	Helper	44.5
Ysengsong						
Grading and compaction	on					
Excavation of road cros						
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES	NO.	THIS DATE: CUMULATIVE TOTAL OF WORK		84.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES	NO NO			31380.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES	NO	HOURS PROP	M PREVIOUS REPORT:	
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES	NO NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 314		31465
	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		-		SAFETY REQUIREMENT	S HAVE BEEN
				YES	MET	O TIAVE BEEN
COVID-19 temp check						
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:	-				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS L	ISED TODAY			
	,			•		- 1
	1 Boom truck	8 h	rs			×
	1 Tire backhoe	8 h	rs			
		CONTRACTO	DR/SUPERINTE	NDENT	DATE	

		1912		F405-	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 4-Oct-2	1
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				REPORT NO.: 355	
CONTRACTOR SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.:					
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy		P		
	WORK PERFORI	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Control room roof form	securing	SMCC	1	Engineer	8
÷		SMCC	2	Operator	16
Kaiser					
16" waterline backfill a	nd compaction	HW Lee Construction	1	Supervisor	8
Vault electrical installa	tion				
Clara		HW Lee Construction	2	Helper	16
Backfill and compactio	n	HW Lee Construction	3	Skilled	24
Ysengsong		Guam Advance	2	Skilled €	16
Excavation for flowable	e fill				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WORK HOURS ON JOBSITE THIS DATE:		96
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 3146		31465
	FFOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	'ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START: 0F CONSTRUCTION: 315		31561
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	IS HAVE BEEN
		'			
COVID-19 Temp Chec EQUIPMENT/MATERIAL	k RECEIVED TODAY TO BE INCORPORATED IN JOB:		-		
CONSTRUCTION AND P	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hyundai excavator	8 hrs			ľ
	1 backhoe	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

F405-04 DPR DATE **DAILY PRODUCTION REPORT** 5-Oct-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 356 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Rainy Rainy **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC 1 PM 8 Control room roof concrete SMCC Engineer 8 Electrical trench excavation PRV15 to PRV78 SMCC 2 Operator 10 Orange fence + traffic drums SMCC 1 Btruck Optr 8 HW Lee Construction Supervisor 8 Ysengsong **HW Lee Construction** 3 Skilled 24 Elowable fill on road crossing **HW Lee Construction** Helper 30.5 YES WAS A JOB SAFETY MEETING HELD THIS DATE? NO TOTAL WORK HOURS ON JOBSITE 96.5 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 31561 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NC (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 31657.5 OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES NO (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini excavator 8 hrs 1 Tire backhoe 2 hrs 1 Boom truck 8 hrs CONTRACTOR/SUPERINTENDENT DATE

. YSEN450N4 westerline exploration. 3)
F405-04 DPR

	DAILY PRODUCTION REPO)DT		DATE:	D4 DFK
CONTRACT NO	TITLE AND LOCATION:			19-Feb-21	
CONTRACT NO.: W18-001-BND					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		<u>. </u>	
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
- Canaly		MED TODAY	<u> </u>		
W0	WORK PERFOR		I		
	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Ysengsong		SMCC	1	РМ	8
PRV77 Bottom slab Re	bar	SMCC	1	Engineer	8
Exploration for waterline	e. Four trenches potholing	SMCC	1	Supervisor	8
		HW Lee Construction	1	Owner	8
		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	3	Skilled	24
		HW Lee Construction	4	Helper	32
		SMCC	1	Operator	8
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I TOTAL WOR	K HOURS ON JOBSITE THIS DATE:	104
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	9812
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	1		
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START JCTION:	9916
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	- 1	YES	SAFETY REQUIREMENT MET	S HAVE BEEN
				WILT	
COVID-19 Temp Check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY			
	1 PC200 Excavator	8 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

F405-04 DPR

						-04 DPR
	DAILY PRODUCTION REPO	ORT			DATE: 20-Feb-2	21
CONTRACT NO.:	TITLE AND LOCATION:				REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PH	ASE I		129	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUP	т.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX, TEMP.	-	MIN. TEMP.		
	WORK PERFORI	MED TODA	ΔY			
w	ORK LOCATION AND DESCRIPTION	EMPLO		NUMBER	TRADE	HOURS
PORTRODOS ENTRAS.	SINCE CONTINUE SECOND FIGURE	1	 		PM	
Ysengsong Exploration for waterling	ne	SMC		1	Engineer	8
Exploration for waterin	10	SMC			Supervisor	8
		SMC		1		8
Note: Corp stop got pu	Illed out while exploration. GWA repaired it	HW Lee Co		<u> </u>	Helper	8
	•					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES	NO	TOTAL WOR	RK HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)				THIS DATE:	40
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES	NO.			
	(If YES attach copy of completed OSHA report)				TOTAL OF WORK M PREVIOUS REPORT:	9916
WAS TRENCHING/SCAI	FFOLD/HV ELECTRICAL/HIGH WORK DONE?	YES	☐ NO	1	WIT NEW OOD NET ONT.	İ
(If YES attach a statement or	r checklist showing inspection performed)					
WAS HAZARDOUS MAT	'ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES	NO	OF CONSTR	K HOURS FROM START JCTION:	9956
	of incident and proposed action)				International Property of the Control of the Contro	
LIST SAFETY ACTION I	FAKEN TODAY/SAFETY INSPECTION CONDUCTED:			YES	SAFETY REQUIREMEN MET	1S HAVE BEEN
COVID-19 Temp Chec	ماد					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND E	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	B AND HOUSE	HSED TODAY	··		
- Silverior Filor	MOLODE NOMBE	III AID HOOKS	SOLD TODA	•		
	1 Excavator	8 1	nrs			
		CONTRACT	OR/SUPERINT	ENDENT	DATE	
l						

F405-04 DPR

	***			F405-	04 DPR
	DAILY PRODUCTION REPO	DRT		DATE: 22-Feb-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	NICTION BULLOS		REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR	T		131	
CONTRACTOR: AM WEATHER:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	MIN. TEMP		_
Sunny	Sunny	WPV. 1 LIVIP.	IVIIIV. I EIVIF	•	
	WORK PERFOR	MED TODAY		. .	
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	PM	8
Control room Base exc	avation for electrical piping	SMCC	1	Engineer	8
Hatch Formwok MM43	A,B,PRV80	SMCC	1	Supervisor	8
Ysengsong		HW Lee Construction	1	Owner	8
PRV77 Bottom slab ret	par installation	HW Lee Construction	1	Supervisor	8
Continue excavation to	explore the second connection point	HW Lee Construction	3	Skilled	24
		HW Lee Construction	5	Helper	40
		SMCC	1	Operator	8
			 		
			-		
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	I TOTAL WOL	RK HOURS ON JOBSITE THIS DATE:	112
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO		N.	
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK M PREVIOUS REPORT:	9956
1	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	·		
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WOR	K HOURS FROM START	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRUCTION:		10068
	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		VEC	SAFETY REQUIREMENT	IS HAVE BEEN
			YES	MET	
COVID-19 Temp Checl	<				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	Y:		
-					
	v.				
					=
		CONTRACTOR/SUPERINT	ENDENT	DATE	
		SSS. STOROGI ENIN		DATE	

		<u> </u>		F405-	04 DPR	
DAILY PRODUCTION REPORT				1	23-Feb-21	
14/40 004 0040				REPORT NO.:	REPORT NO.:	
W10-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	ONSTRUCTION-PHASE I 132				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
<u> </u>	WORK PERFOR	MED TODAY				
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kaiser		SMCC	1	РМ	8	
Control room Base excavation for electrical piping		SMCC		Engineer	8	
Hatch Formwok MM43	A,B,PRV80	SMCC	1	Supervisor	8	
Electrical handhole exc	cavation	HW Lee Construction	1	Owner	8	
		HW Lee Construction	1	Supervisor	8	
Ysengsong		HW Lee Construction	3	Skilled	24	
PRV77 Bottom slab rel	par installation	HW Lee Construction	5	Helper	40	
Continue excavation to	explore the second connection point	SMCC	2	Operator	16	
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO		RK HOURS ON JOBSITE	120	
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	120	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK MPREVIOUS REPORT:	10068	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(If YES attach a statement or	checklist showing inspection performed)		TOTAL MODI	CHOURS SPON START		
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 1018		10188	
	f incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:	···		SAFETY REQUIREMENT	IS HAVE BEEN	
LIGHT OAI ETT AGTIONT	ALLA TODATION ETT INGI EGTION GONDOGTED.		YES	MET	- TAVE BEEN	
COVID-19 Temp Chec						
	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY			-	
	The state of the s		•			
	1 PC200 Excavator	8 hrs				
	1 Tirebackhoe	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

F405-04 DPR DATE: DAILY PRODUCTION REPORT 12-May-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 210 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX TEMP MIN. TEMP. Rainy/Cloudy/Sunny Rainy/Cloudy/Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Carnation SMCC PM 8 Electrical conduit work 1 Engineer SMCC 8 Outage and replace the main line in PRV11 SMCC 3 Operator 28 Clara **HW Lee Construction** Supervisor 8 Additional potholing backfill Ysenasona **HW Lee Construction** 3 Helper 24 Excavation for straddle block. Potholing the valve connection near the road Found the ACP is connection as T to the valve and goes straight across road Guam Advance 1 Supervisor 8 direction Guam Advance Skilled 24 Guam Advance 6 Helper 48 WAS A JOB SAFETY MEETING HELD THIS DATE? YES [TOTAL WORK HOURS ON JOBSITE 156 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: (If YES attach copy of completed OSHA report) 17766 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 17922 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES NO (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Tirebackhoe 8 hrs 1 Mini excavator 8 hrs 1 boom truck 12 hrs CONTRACTOR/SUPERINTENDENT

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 10-Mar-21 CONTRACT NO .: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 147 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX TEMP MIN. TEMP. Rainy/Cloudy Rainy/Cloudy **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Kaiser SMCC 1 PM 8 Control room electrical rough-in SMCC 1 Engineer 8 Clara SMCC 1 Supervisor 8 Line detector by GWA for potholing location **HW Lee Construction** 1 Owner 8 Ysengsong **HW Lee Construction** Supervisor 8 Form removal PRV77 **HW Lee Construction** 4 Skilled 32 Waterline pipe delivery and installation **HW Lee Construction** 5 Helper 40 SMCC 1 Operator 8 Material delivery 16" and 14" c900 pipes Guam Advance 1 Supervisor 8 Okkodo Guam Advance 2 Plumber 16 Mobilisation of PC200 Excavator Guam Advance 4 Helper 32 Overall work delayed 1hr due to rain WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 176 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 11542 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 11718 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID -19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Boom truck 4 hrs 1 PC200 Excavator 4 hrs CONTRACTOR/SUPERINTENDENT DATE

					-04 DPR	
=	DAILY PRODUCTION REPO	ORT		DATE: 20-Mar-	21	
CONTRACT NO.: W18-001-BND					REPORT NO.: 157	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP. MIN. TEMP.				
	WORK PERFOR	MED TODAY				
we	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kaiser		SMCC	1	РМ	8	
Electrical ductline back	kfill. 1hr. Backhoe hydrualic issue and repair	SMCC	1	Engineer	9	
		SMCC	1	Supervisor	8	
Clara		SMCC	1	Operator	3	
Delivery of steel plates	and traffic signs for potholing	SMCC	1	Mechanic	4	
		HW Lee Construction	1	Helper	7	
					-	
					-	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES		RK HOURS ON JOBSITE THIS DATE:	39	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES I	vo			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK M PREVIOUS REPORT:	12734	
	FFOLD/HV ELECTRICAL/HIGH WORK DONE? r checklist showing inspection performed)	YES	NO	85		
	TERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES T		TOTAL WORK HOURS FROM START OF CONSTRUCTION:		
	TAKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	TS HAVE BEEN	
COVID-19 Temp Chec	k					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TOD	AY:			
	1 Bomm truck	3 hrs				
	1 Tirebackhow	5 hrs				
		CONTRACTOR/SUPERI	NTENDENT	DATE		
		SSS.OI OI OOFENII	2110-111	UNIE	1	

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 30-Mar-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS SMCC 1 PM 8 Carnation SMCC 1 Engineer 8 Waterline presssure testing end cap and fittings SMCC 1 Supervisor 8 HW Lee Construction 1 Owner 8 Clear old tank area valve manhole **HW Lee Construction** Supervisor R Clara **HW Lee Construction** 3 Skilled 24 2 Potholing - Found 12",8", 10" and T to two valve boxes reducing to 6" and 8", **HW Lee Construction** 5 Helper 40 SMCC 1 Operator 8 PRV77 2nd lift wall top slab rebar and formwork 1 Plumber Guam Advance 8 Guam Advance Helpers 16 WAS A JOB SAFETY MEETING HELD THIS DATE? YES [TOTAL WORK HOURS ON JOBSITE 136 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 13546 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES | (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 13682 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY 1 Mini Excavator 8 hrs

> QMS SEC,400-Project Management SEC.405-04-Progress Inspection

DATE

CONTRACTOR/SUPERINTENDENT

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 31-Mar-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 168 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT .: PM WEATHER: AM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS SMCC 1 PM 8 Carnation SMCC 1 Engineer 8 Waterline presssure testing SMCC 1 Supervisor 8 **HW** Lee Construction 1 Owner 8 **HW Lee Construction** Supervisor 8 Clara **HW Lee Construction** 3 Skilled 24 Additional Potholing - Found 6", going to the fense. Potholing to see 6" going to **HW Lee Construction** Helper 40 the fense not found. Potholing again near valves and found 6",8" going out SMCC Operator 8 Guam Advance 1 Plumber 8 Ysengsong Guam Advance 2 Helpers 16 PRV77 2nd lift wall top slab rebar and formwork WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE 136 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 13682 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 13818 OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) IST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN MET COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini Excavtor 8 hrs CONTRACTOR/SUPERINTENDENT DATE

O-1 CLARA C-1 CLARA WATERLINE C-1

F405-04 DPR DATE: DAILY PRODUCTION REPORT 25-Mar-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 162 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT .: AM WEATHER: PM WEATHER: MAX TEMP MIN. TEMP. Rainy/Sunny Rainy/Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Weekly safety meeting SMCC 1 PM 8 Kaiser SMCC 1 Engineer 8 Backfill electrical trench and compaction SMCC 1 Supervisor R PRV79 Waterline connection excavation till road **HW Lee Construction** 1 Owner 8 Clara **HW Lee Construction** Supervisor 8 Moblisation of Mini Excavator **HW Lee Construction** 3 Skilled 24 Traffic sign preparation **HW Lee Construction** 5 Helper 40 PRV78 waterline connection excavation SMCC 2 Operator 16 Ysengsong Guam Advance 1 Plumber 8 Waterline pressure testing Guam Advance Helpers 16 Okkodo SMCC 1 Safety officer 4 Bottom slab rebar installation WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 148 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: (If YES attach copy of completed OSHA report) 13117 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 13265 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Tirebackhoe 8 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: DAILY PRODUCTION REPORT 26-Mar-21 TITLE AND LOCATION: CONTRACT NO.: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 163 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT .: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Rainy/Sunny Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS SMCC 1 PM 8 Kaiser SMCC 1 Engineer 8 Backfill electrical trench and compaction SMCC 1 Supervisor R HW Lee Construction 1 Owner 8 Clara **HW Lee Construction** Supervisor 8 Traffic sign preparation and pavement cutting HW Lee Construction 3 Skilled 24 PRV78 waterline connection excavation **HW Lee Construction** 5 Helper 40 Ysengsong SMCC 2 Operator 16 Waterline pressure testing Guam Advance Plumber 8 Okkodo Guam Advance Helpers 16 Bottom slab rebar installation WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 144 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: (If YES attach copy of completed OSHA report) 13265 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 13409 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini Excavator 8 hrs 1 Tire backhoe 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR **DAILY PRODUCTION REPORT** 1-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 169 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS SMCC 1 PM 8 Carnation SMCC 1 Engineer 8 Waterline presssure testing SMCC 1 Supervisor 8 HW Lee Construction 1 Owner skilled 8 **HW Lee Construction** 1 Supervisor 8 Clara HW Lee Construction 3 Skilled 24 Potholing **HW Lee Construction** 3 Helper 24 Excavation for waterline SMCC Operator 8 Backfill andcompaction potholing area Guam Advance 1 Supervisor 8 Ysengsong Guam Advance Plumber 8 PRV77 top slab rebar and formwork. Hatch formwork. Drain pipes installation WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 112 (If YES attach copy of the meeting minutes) THIS DATE: **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: (If YES attach copy of completed OSHA report) 10652 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 10764 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES NO (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

		-		F405-	04 DPR			
	DAILY PRODUCTION REPO	ORT	5-Apr-21					
CONTRACT NO.: W18-001-BND	Marie and Bulb			REPORT NO.: 173				
	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I							
CONTRACTOR:								
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.					
WORK PERFORMED TODAY								
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS			
Carnation		SMCC	1	РМ	8			
Waterline connecton fitting change		SMCC	1	Engineer	8			
Clara		SMCC	1	Supervisor	8			
Traffic control		HW Lee Construction	1	Owner skilled	8			
Pavement cutting		HW Lee Construction	1	Supervisor	8			
Excavationn of waterlin	ne connection	HW Lee Construction	3	Skilled	24			
Ysengsong		HW Lee Construction	5	Helper	40			
2nd lift wall and top sla	b concrete casting 18yd3	SMCC	2	Operator	16			
		Guam Advance		Supervisor	4			
Matrerial movement		Guam Advance		Plumber	4			
		SMCC	1	B.Truck optr	8			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		I RK HOURS ON JOBSITE THIS DATE:	136			
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 1381		13818			
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL MODI	CHOURS FROM START				
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO		DTAL WORK HOURS FROM START 1395				
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN			
COVID-19 Temp Chec EQUIPMENT/MATERIAL	COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB:							
CONSTRUCTION AND F	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:					
	1 Mini Excavator	8 Hrs			,			
	1 Boom Truck	8 hrs						
3		CONTRACTOR/SUPERINTE	NDENT	DATE				
		COMMUNICION CONTRACTOR		DATE				

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 6-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 174 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT :: PM WEATHER: AM WEATHER: MAX. TEMP. MIN. TEMP. Rainy/Sunny Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Carnation SMCC 1 PM 8 PRV76 Waterline Pressure and leak testing SMCC Engineer 8 Matrerial movement SMCC 1 Supervisor 8 Kaiser **HW Lee Construction** 1 Owner skilled 8 PRV79 waterline one side till road installation **HW Lee Construction** 1 Supervisor 8 Sand bedding **HW Lee Construction** 3 Skilled 24 Clara **HW Lee Construction** 4 Helper 32 Waterline excavation continue. Exposed 12"(14"Outer dia) asbestos pipe, SMCC 2 Operator 16 Guam Advance 1 Supervisor 8 Okkodo Guam Advance Plumber 8 MM04C 1st lift wall rebar and formwork SMCC 1 B.Truck optr 8 WAS A JOB SAFETY MEETING HELD THIS DATE? YEŞ TOTAL WORK HOURS ON JOBSITE 136 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 13954 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START OF CONSTRUCTION: 14090 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini Excavtor 8 hrs 1 Tirebackhoe 8 hrs 1 Boom Truck 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: DAILY PRODUCTION REPORT 7-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 175 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX TEMP MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Carnation SMCC 1 PM 8 PRV76 Waterline Pressure and leak testing SMCC 1 Engineer 8 Control room area electrical trench basecoarse and compaction SMCC 1 Supervisor R Kaiser **HW Lee Construction** 1 Owner skilled 8 PRV79 waterline one side till road installation cap **HW Lee Construction** Supervisor 8 Matrerial movement **HW Lee Construction** 3 Skilled 24 **HW Lee Construction** 5 Helper 40 Waterline excavation continue. Exposed 12" pipe PVC SMCC 2 Operator 16 GTA 600 pair broke. 6" down earth no tape no sand. 90 degree angle. Guam Advance 1 Supervisor 8 Okkodo Guam Advance 1 Plumber 8 MM04C 1st lift wall rebar and formwork SMCC 1 B.Truck optr 8 WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 144 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 14090 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 14234 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Mini Excaytor 8 hrs 1 Tirebackhoe 8 hrs 1 Boom Truck 8 hrs CONTRACTOR/SUPERINTENDENT DATE

					04 DPR			
	DAILY PRODUCTION REPO	ORT		DATE: 8-Apr-2	1			
CONTRACT NO.: W18-001-BND				REPORT NO.: 176				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:						
AM WEATHER: Rainy/cloudy	PM WEATHER: Rainy/cloudy	MAX. TEMP. MIN. TEMP.						
	WORK PERFORMED TODAY							
Wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS			
Weekly safety meeting	1	SMCC	1	PM	8			
Carnation		SMCC	1	Engineer	8			
PRV76 Waterline Pres	sure and leak testing	SMCC		Supervisor	8			
Control room area elec	ctrical trench basecoarse and compaction	HW Lee Construction		Owner skilled	8			
Clara		HW Lee Construction	1	Supervisor	8			
Waterline excavation of	continue.	HW Lee Construction	3	Skilled	24			
Potholing. 6" from first	valve makes a 90 degree bend towards north direction	HW Lee Construction	5	Helper	40			
Okkođo		SMCC	2	Operator	16			
MM04C 1st lift wall reb	ar and formwork	Guam Advance	1	Supervisor	8			
		Guam Advance	1	Plumber	8			
Matrerial movement		SMCC	1	B.Truck optr	8			
		SMCC	1	Safety officer	4			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE HIS DATE:	148			
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	14234			
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO						
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)		TOTAL WORK HOURS FROM START OF CONSTRUCTION: 14382		14382			
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN			
COVID-19 Temp Chec	k RECEIVED TODAY TO BE INCORPORATED IN JOB:							
CONSTRUCTION AND F	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY:						
	1 Mini Excavtor	8 hrs						
	1 Tirebackhoe	8 hrs						
	1 Boom Truck	8 hrs						
		CONTRACTORICIDECIMIE	NDEAT	DATE				
		CONTRACTOR/SUPERINTE	NUENI	DATE				

		<u> </u>			04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 9-Apr-2	1
CONTRACT NO.: W18-001-BND	INC. ON				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV76 Waterline Pressure and leak testing		SMCC	1	Engineer	8
Control room area elec	trical trench basecoarse and compaction	SMCC	1	Supervisor	8
Kaiser		HW Lee Construction	1	Owner skilled	8
Control room floor slab	rebar installation	HW Lee Construction	1	Supervisor	8
Mobilisation of PC200	Excavator	HW Lee Construction	3	Skilled	24
Clara		HW Lee Construction	5	Helper	40
Waterline excavation c	ontinue.	SMCC		Operator	16
Ysengsong		Guam Advance	1	Supervisor	8
PRV77 Waterline Pres	PRV77 Waterline Pressure and leak testing		1	Plumber	8
Okkodo		SMCC	1	B.Truck optr	8
MM04C 1st lift wall reb	ar and formwork				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	144
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		14378
1	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WORK HOURS FROM START 1452		14522
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRUCTION:		14022
	f incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	TS HAVE BEEN
COVID -19 Temp Chec				*	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		•		
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Mini Excavtor 1 Tirebackhoe	7 hrs			
	1 PC200 Excavator	8 hrs 1 hrs			
	1 Boom Truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

					04 DPR	
	DAILY PRODUCTION REPO	ORT	_	DATE: 12-Apr-2	21	
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				REPORT NO.: 180		
CONTRACTOR:	CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.:					
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	2			
1	WORK PERFORI	MED TODAY	<u> </u>			
wo	DRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kiaser		SMCC	1	РМ	8	
Control room bottom slab concrete casting		SMCC		Engineer	8	
Clara		SMCC		Supervisor	8	
Waterline trenching						
Ysengsong		HW Lee Construction	1	Supervisor	8	
Waterline pressure tes	ting. Existing line broke and GWA fixed.	HW Lee Construction		Skilled	24	
PRV77 Form removal		HW Lee Construction	4	Helper	32	
Okkodo		SMCC		Operator	16	
MM04C 1st lift wall concrete casting		Guam Advance	1	Supervisor	8	
		Guam Advance		Plumber	16	
		Guam Advance	3	Helper	24	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	152	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 14563		14563	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO				
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		14715	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	ΓS HAVE BEEN	
			ILO	MET	71	
COVID-19 Temp Chec						
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
	1 Tirebackhoe	8 hrs				
e.	1 Mini excavator	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

F405-04 DPR DATE: DAILY PRODUCTION REPORT 13-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 181 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Kaiser SMCC 1 PM 8 Bedding sand delivery 2 loads SMCC 1 Engineer R Clara SMCC 1 Supervisor 8 Waterline trenching SMCC 1 safety officer 2 PRV78 2 sides 1lift and 2lifts backfill and compaction **HW Lee Construction** Supervisor 8 Bedding sand delivery 2 loads HW Lee Construction 3 Skilled 24 Sand bedding in one side waterline **HW Lee Construction** 4 Helper 32 Ysengsong SMCC 2 Operator 16 Waterline fixing for next testing Guam Advance 1 Supervisor 8 PRV77 Form removal Guam Advance 2 Plumber 16 Guam Advance 3 Helper 24 WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE THIS DATE: 154 (If YES attach copy of the meeting minutes) JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: (If YES attach copy of completed OSHA report) 14715 WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 14869 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Tirebackhoe 8 hrs 1 Mini excavator 8 hrs CONTRACTOR/SUPERINTENDENT

> QMS SEC.400-Project Management SEC.405-04-Progress Inspection

DATE

F405-04 DPR DATE **DAILY PRODUCTION REPORT** 15-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO. W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 183 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT .: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS Weekly safety meeting SMCC 1 PM 8 SMCC Engineer 8 SMCC 1 Supervisor 8 Trenching for electrical ductline near PRV79 SMCC 1 safety officer 4 CMU units and crushed aggregates delivery **HW Lee Construction** Supervisor 8 **HW Lee Construction** 3 Skilled 24 Waterline excavation. Waterline installation one side **HW Lee Construction** 5 Helper 40 Ysengsong SMCC 3 Operator 24 Waterline fixing for next testing. Guam Advance 1 Supervisor 8 Okkodo Guam Advance Plumber 16 Form removal Guam Advance 3 Helper 24 Mechanical delivery for MM04C WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 172 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 15021 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 15193 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 Tirebackhoe 8 hrs 1 Mini excavator 8 hrs 1 Boom truck 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: DAILY PRODUCTION REPORT 16-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 184 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY WORK LOCATION AND DESCRIPTION EMPLOYER** NUMBER TRADE HOURS Kiaser SMCC 1 PM 8 Potholing for 14" waterline trench SMCC Engineer 8 Control room wall CMU SMCC 1 Supervisor 8 Clara Waterline excavation **HW Lee Construction** Supervisor 8 **HW Lee Construction** 3 Skilled 24 HW Lee Construction 5 Helper 40 Okkodo SMCC 3 Operator 24 Mechanical installation for MM04C Guam Advance 1 Supervisor 8 Guam Advance Plumber 16 Guam Advance 3 Helper 24 WAS A JOB SAFETY MEETING HELD THIS DATE? YES [TOTAL WORK HOURS ON JOBSITE 168 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 15193 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV FLECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 15361 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Boomtruck 8 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 17-Apr-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 185 CONTRACTOR: SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: AM WEATHER: PM WEATHER: MAX. TEMP. MIN. TEMP. Sunny Sunny **WORK PERFORMED TODAY** WORK LOCATION AND DESCRIPTION **EMPLOYER** NUMBER TRADE HOURS SMCC 1 PM 8 Kiaser SMCC 1 Engineer 8 Potholing for 14" waterline trench SMCC 1 Supervisor 8 Control room wall CMU SMCC 2 Operator 16 Housekeping and garbage disposal Water truck cleaning the road Clara 3 Helper **HW Lee Construction** 24 Waterline excavation Compaction WAS A JOB SAFETY MEETING HELD THIS DATE? YES TOTAL WORK HOURS ON JOBSITE 64 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 15361 HOURS FROM PREVIOUS REPORT: WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? YES NO (If YES attach a statement or checklist showing inspection performed) TOTAL WORK HOURS FROM START 15425 NO OF CONSTRUCTION: WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES COVID-19 Temp Check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY: 1 PC200 Excavator 8 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT

					04 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 19-Apr-2	21	
CONTRACT NO.: W18-001-BND					REPORT NO.: 187	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			-	
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP. MIN. TEMP.				
	WORK PERFOR	MED TODAY				
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	PM	8	
Control room chipping for electrical piping		SMCC	1	Engineer	8	
Kiaser		SMCC	1	Supervisor	8	
Control room wall CML	J					
Clara		HW Lee Construction	1	Supervisor	8	
Waterline excavation		HW Lee Construction		Skilled	24	
Ysengsong		HW Lee Construction	5	Helper	40	
Silt fense around stock pile		SMCC		Operator	8	
Okkodo		Guam Advance		Supervisor	8	
Mechanical installation for MM04C		Guam Advance	2	Plumber	16	
		Guam Advance	3	Helper	24	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	152	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CLIMILI ATIVE TOTAL OF WORK		15425	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO				
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		15577	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	-	YES	SAFETY REQUIREMENT	S HAVE BEEN	
			120	MET		
COVID-19 Temp Checi						
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<u> </u>			
	1 PC200 Excavator	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

KAISER D-1 ASPHALL RESTORATION PROTOFFINON

F405-04 DPR

S Dell					0 7 DI 11
• · · · · · · · · · · · · · · · · · · ·	DAILY PRODUCTION REPO	DRT DATE:			22
CONTRACT NO.:	TITLE AND LOCATION:		 -	REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		469	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		· · · · · · · · · · · · · · · · · · ·	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny	<u> </u>		<u> </u>	
	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	PM	8
Preparation for asphalt	restoration access road.	SMCC	1	Engineer	8
Backfill and compaction	EHH area, Inlet outlet areas	SMCC	3	Operator	24
		SMCC		B Truck optr	8.5
Airport Storage					
Clean and arrange		HW Lee Construction	1	Supervisor	8
Okkodo		HW Lee Construction		Skilled	6.5
Backfill compaction		HW Lee Construction	5	Helper	40
Terao		Guam Advance	1	Skilled	8
PRV12 inside mechanical installation including PRV,Valves etc		Guam Advance		Helpers	24
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	COURS ON IODEITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)			DRK HOURS ON JOBSITE THIS DATE:	135
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	-		
	(If YES attach copy of completed OSHA report)	163	CUMULATIVE	TOTAL OF WORK	
				M PREVIOUS REPORT:	43187
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		- 11	
				CHOURS FROM START	43322
	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	JCTION:	40022
(If YES attach a description of LIST SAFETY ACTION TA	INCIDENT AND PROPOSED ACTION) KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		l	TES	MET	
COVID-19 temp check					
EQUIPMENT/MATERIAL F	RECEIVED TODAY TO BE INCORPORATED IN JOB:	,			
I					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY			
	1 Tire backhoe	8 hrs	•		
	1 PC200	8 hrs			
	1 Boom truck	8 hrs			
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	

h) sinds				F405-	04 DPR
: *	DAILY PRODUCTION REPO	ORT		DATE: 17-Mar-	22
CONTRACT NO.: W18-001-BND	1= =			REPORT NO.: 519	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY	<u>. </u>	· · · · · · · · · · · · · · · · · · ·	
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Electrical work in vault	s and control room	SMCC	1	Engineer	8
		SMCC	2	Operator	16
Kaiser		SMCC	1	Supervisor	8
Ashalt restoration acce	ess road 2nd section	HW Lee Construction		Supervisor	8
Ysengsong		HW Lee Construction		Skilled	24
Door form removal		HW Lee Construction		Helper	56.5
Terao		SMCC		D&B truck optr	13
Excavation for waterlin	9	Guam Advance		Skilled (M)	16
20" pipe connection between meter vault and PRV				Granou (IVI)	10
Preparation for pressur	e leak test				
7.		Guam Advance	3	Skilled (E)	24
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE THIS DATE:	181.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		NO CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK OF CONSTRU	HOURS FROM START (CTION:	181.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY:			
	1 Boom truck	4.5 hrs			
	Dump truck tire backhoe	8.5 hrs			
	tire backnoe Hyundai excavator	8 hrs			
	· · · · · · · · · · · · · · · · · · ·	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
		CONTINUIONOUPERINIE	ADEMI	DATE	