

### **CONSOLIDATED COMMISSION ON UTILITIES**

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

#### **CCU BOARD REGULAR MONTHLY MEETING**

CCU Conference Room, 3<sup>rd</sup> floor, Gloria B. Nelson Public Service Building 5:30 p.m., Tuesday, November 29, 2022

#### \*AMENDED AGENDA

- 1. CALL TO ORDER
- 2. APPROVAL OF MINUTES
  - \*2.1 CCU Regular Board meeting of October 25, 2022
- 3. PUBLIC COMMENTS [two (2) minute limit per person]
- 4. GUAM WATERWORKS AUTHORITY (GWA)
  - 4.1 GWA General Manager's Report
  - 4.2 Financial Report
  - 4.3 **GWA Resolution No. 04-FY2023 / GPA Resolution No. FY2023-03** (Joint Resolution) Relative to Establishing the Board Secretary Position
  - 4.4 GWA Resolution No. 05-FY2023 Relative to Approval of a Design Services Contract for the Adacao Water and Sewer Infrastructure Project S22-04-ARP
  - 4.5 **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
  - 4.6 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
- 5. GUAM POWER AUTHORITY (GPA)
  - 5.1 GPA General Manager's Report
  - 5.2 Financial Report
  - 5.3 **GPA Resolution No. FY2023-03 / GWA Resolution No. 04-FY2023** (Joint Resolution) Relative to Establishing the Board Secretary Position
  - 5.4 GPA Resolution No. FY2023-04 Extension of the Ultra Low Sulfur Diesel (ULSD) Tank Lease Agreement with TriStar
  - 5.5 **GPA Resolution No. FY 2023-05**Request for Approval to Increase the FY2023 Fuel Budget
  - 5.6 GPA Resolution No. FY2023-06 Approval of the Levelized Energy Adjustment Clause (LEAC) for the 6-month period starting on February 1, 2023 through July 31, 2023.
- 6. OTHER DISCUSSION(S)
- 7. ANNOUNCEMENT(S)
  - 7.1 Next meeting: Tuesday, January 17, 2023 at 8:30 a.m. GWA Work Session
- 8. ADJOURNMENT



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# CCU Regular Board Meeting CCU Conference Room, Gloria B. Nelson Public Service Building

5:30 p.m., Tuesday, October 25, 2022

#### **MINUTES**

#### 1. CALL TO ORDER

The Chairman called the regular board meeting to order at 5:38 p.m. He indicated that there are action items to be presented from both the Guam Power Authority (GPA) and Guam Waterworks Authority (GWA). He announced for the record that all Commissioners were present for a quorum, Commissioners Limtiaco, Martinez, Sanchez and himself; with the exception of one vacancy. He verified that there were no public comments on-line or signed in, Candice confirmed.

#### **Commissioners:**

Joseph T. Duenas, Chairman Michael Limtiaco, Vice Chairman Pedro Roy Martinez, Secretary Simon A. Sanchez, Commissioner

#### **Executive Management:**

GPA:

John Benavente, GM Tricee Limtiaco, AGMA John Cruz, AGMETS (Online) Melinda Mafnas, AGMO John Kim, CFO

#### **Management and Staff:**

GPA:

Joyce Sayama, Communications Manager Candice Ananich, MA III Reginald Diaz, MA III Vien Wong, IT

#### **OTHER ATTENDEES:**

Daily Post - Norman Taruc

#### **GWA:**

Miguel Bordallo, GM Theresa Rojas, Legal Counsel Christopher Budasi, AGMAS Tom Cruz, AGMO Mauryn McDonald, Senior Engineer (Online) Taling Taitano, CFO

#### **GWA:**

Evangeline Lujan, Compliance and Safety Ann Borja-Gallardes, MA IV Allen McDonald, IT

#### **ON-LINE ATTENDEES:**

AM Insurance – Trish Granillo Guam Legislature – Michael Carlson

#### 2. APPROVAL OF MINUTES

GPWA Regular Monthly Board Meeting minutes for September 27, 2022 was presented for review and approval. Motion to approve was made by Commissioner Simon Sanchez, seconded by Commissioner Martinez seconded, with all in favor.

CCU Regular Board Meeting October 25, 2022 Page 2 of 6

September 27, 2022 GPWA Regular Board Meeting minutes was unanimously approved. [Ayes = 4, Nays = 0]

#### 3. PUBLIC COMMENTS

There were no public comments made at this meeting.

#### 4. GPA

#### 4.1 GM Report

No updates were made to GPA GM report.

#### 4.2 Financial

No updates were made to the GPA Financial report.

# 4.3 <u>Resolution FY2023-01:</u> Relative to the Approval of Engineering, Procurement and Construction Management Contract

To initially provide consulting and technical support as Owner's Engineer for the execution of the ECA for the Ukudu Power Plant, including contract management, design document reviews, construction monitoring and support for the new Ukudu Power Plant located in Harmon.

LNG storage and regasification will be located within the Apra Harbor. Consulting and technical support for the Ukudu Power Plant construction, commissioning and post commissioning support is estimated at \$6,241,727.00 from December 2022 to February 2025. The new power plant is targeted for completion by April 2024 but may likely be by October 2024.

A budget for an LNG study is to be requested in 2023 and is not included in this budget request. If approved by CCU and PUC, an LNG infrastructure could be completed approximately 2027. This project will be revenue funded. This was the result of Resolicitation of GPA RFP-21-010.

GM Benavente explained that this is a time and material contract, there isn't a fixed price, therefore, SPORD will be working within this budget.

Commissioner Limtiaco asked if the reason for the re-solicitation was due to a lack of bidders the first time. GM Benavente indicated that there were issues with documents submitted by bidders the first time, to avoid future delays, the team decided to cancel the first one and to rebid. At that point, one of the initial bidders didn't resubmit a bid the second time around, which resulted in there being only one official bid submitted in response to the re-solicitation. Commissioner Limtiaco asked whether construction has already started, if so, are they behind schedule and if they are, how far behind schedule are they. GM Benavente stated that there were still some remaining funds from the original contract so the project was extended until the new contract is in effect. The remaining funds from the original contract should last until the end of the month so

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they're taking this time to review drawings and everything else that's coming in to maximize funds and save time. Commissioner Sanchez asked if they have been the contract managers from the start (original bid contract), and GM Benavente confirmed that they are and that they've been a part of the planning for the past 5 ½ years. Chairman Duenas commented that it is very important that the Board and GPA know where everything is, (i.e. buried pipes and cables), when the power plant is turned over to GPA after 25 years. He further asked if the project is still on target for completion on April 2024, GM Benavente confirmed that it is.

Commissioner Sanchez asked how many barrels will be eliminated due to the new power plant, GM Benavente indicated that there will be a reduction of about 500,000 – 600,000 barrels a year in addition to its being cheaper and cleaner fuel. Also important to note is that GPA will be in compliance with EPA standards, as agreed in the consent decree signed in 2020, resulting in no penalties having to be paid. Furthermore, upon completion of the new power plant, more capacity will be added with the potential to add even more load and renewables because peak demands will be reduced from around 270 down to around 220. This new plant is the cornerstone for our future progress and development. Despite delays from COVID and other world events, there has been approximately 30% of construction already completed and large materials will be arriving over the next month. The community will start to see the progress with the movement of large materials to the site and will notice the power plant come together. GM Benavente shared that although base rates have recently increased, it has been over a decade since the last increase and exhaustive measures have been taken to keep costs down as much as possible. Such as the \$47,000,000 from base rate savings, the additional \$25,000,000 in monthly \$100 credits, \$15,000,000 from the previous LEAC and \$100,000,000 introduced by Senator San Agustine and the current administration from recovery funds; furthermore, that he firmly believes that this new Ukudu Power Plant is the solution to bringing energy costs down.

Motion to approve <u>Resolution FY2023-01:</u> Relative to the Approval of Engineering, Procurement and Construction Management Contract, was made by Commissioner Martinez, seconded by Commissioner Sanchez – no opposition. [Aye = 4, Nay = 0]

#### 4.4 Resolution FY2023-02: Relative to Approval of Property Insurance

Guam Power Authority's Bond Indenture agreement requires GPA to "secure and maintain property insurance on all facilities constituting the system against risks of loss or damage to the extent that such insurance is obtainable at reasonable cost." The indenture further requires GPA to carry insurance, "of a scope and nature as that usually carried in the industry."

GPA's current Property Insurance policy was awarded in 2018 with a term of a three (3) year period with two (2) options to renew for an additional one (1) year period. GPA's current Property Insurance policy's first one-year option to renew is set to expire on November 1, 2022, and GPA would like to exercise the second one-year option to renew.

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The coverage will be for all GPA assets. The annual premium will be billed at cost of \$7.1 million (\$5.8 million + 22%) which reflects the challenging insurance market conditions.

The current policy will be in place until November 1, 2023 and is revenue funded.

GM Benavente stated that this is presented for approval because of the bond requirement to provide full coverage of property insurance of all assets. Currently contracted as a sole bidder in the current three-year term with two options to renew for a one-year period. The current year ends on November 1, 2022 and GPA seeks to avail of the second, one-year option to renew. He further stated that market conditions are challenging in obtaining premium underwriters, he noted that at his recent presentation in London, more than half were new to the market. This is an initial proposal amount, although final numbers are still being discussed but it was decided to present this amount and work down based on what can be worked out between parties. The current price is \$7.1 million, consisting of \$5.8 million plus a 22% market increase. This is the highest the Authority has had to pay since 2018, which was \$6.7 million; in addition to current market trends and world wild events, the aging Cabras 1 & 2 units are contributing factors to pricing. Cabras 1 & 2 will no longer be insured by 2025. CFO John Kim interjected that measures to try to bring down costs are to reduce the current blanket amount of \$200,000,000 to \$150,000,000 and to increase the deductible to \$5,000,000, using selfinsurance measures as leverage to reduce the premium by 3% to 5%.

Motion to approve <u>Resolution FY2023-02</u>: Relative to Approval of Property Insurance was made by Commissioner Limtiaco, seconded by Commissioner Martinez – none opposed. [Ayes = 4, Nays = 0]

#### **5.** GWA

#### 5.1 GM Report

No updates were made to the GWA GM Report

#### 5.2 Financial

No updates were made to the GWA Financial Report

5.3 <u>Resolution No. 01-FY2023</u>: Relative to Approval of the Southern SSES Rehabilitation Phase II (Baza Gardens-Talofofo-Santa Rita) Construction Contract Increase (GWA Project No. S15-001-EPA)

The intent of this resolution is to increase the funding authorization amount by \$93,681.09 to execute upcoming Change Order 10 and provide an additional contingency amount for Propacific Builder Corporation's (PPBC) services to perform further archaeological work if artifacts are found.

Change Order 10 will allow PPBC to purchase and install a davit crane, solids basket, and concrete standing pad at the sewer lift station to assist in performing preventive

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maintenance. The final cost proposal for Change Order 10 is anticipated to be submitted soon and expected to be no more than \$70,000.00. These items were not included in the lift station's original scope of work. The project's remaining authorized contingency is \$18,561.11, resulting in an additional authorized amount of \$51,438.49 required for Change Order 10.

The Archaeological work required by the State Historical Preservation Office will be started under previously-authorized funding. An additional contingency amount of \$42,242.20 is requested in the event archaeological artifacts are found and PPBC's services are needed to perform additional investigations up to 20 days. GWA will only compensate PPBC for the actual time and materials used to perform additional archaeological activities. The project is anticipated for completion in February 2023.

The requested funding authorization increase is \$93,681.09. The funding increase would bring the total authorized funding amount to \$1,402,477.59. Funding source is provided by Unites States Environmental Protection Agency Title 2 Construction Grants.

GM Bordallo explained that this increase is being requested to provide additional funding for Change Order 10, of which \$51,000 is to provide for additional equipment for preventive maintenance at the new pump station. There is a remaining balance of \$18,000 in the contingency budget which will be included with this amount for a total of \$70,000 that is needed. Additionally, \$42,000 is needed for 20 days of archeological monitoring work required by SHPO before the project can be closed out. The total funding amount for both, which is being requested today, equals \$93,681.09. Anticipated completion, including archeological monitoring is still February 2023

Commissioner Sanchez moved to approve <u>Resolution No. 01-FY2023</u>: Relative to Approval of the Southern SSES Rehabilitation Phase II Construction Contract Increase, seconded by Commissioner Limitaco – unanimously approved. [Aye = 4, Nay = 0]

# 5.4 <u>Resolution No. 02-FY2023:</u> Relative to Approval of the Funding Increase to the IQ Contract with JMI-Edison for Submersible Pumps and Motors for Deep Wells

GWA GM, Mr. Bordallo requested that this resolution be tabled to next month to allow for more evaluation. information and research.

# 5.5 <u>Resolution No. 03-FY2023:</u> Relative to Requesting Approval to Procure Construction Services Related to the Ugum Surface Water Treatment Plant Rehabilitation

The Ugum Surface Water Treatment Plant Rehabilitation (SWTP) is an infrastructure improvement project supported in the GWA Master Plan that will refurbish the existing equipment and systems. Since 2015, the plant was assessed three times by Brown and Caldwell (2015), Du Pont (2021) and DCA (2022). The DCA assessment incorporated

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analysis of the two earlier reports with its own review and concluded that the plant is in relatively poor operating condition and significant rehabilitation work is needed.

Some equipment is failing, or missing and some are beyond repair and require replacement. The plant operators have been forced to improvise the repair of equipment using inventive alternative methods to keep the plant producing the required daily amount of treated water. This current condition of the equipment limits the plant capability, operability, and reliability. This project is urgently needed to provide efficient and reliable operation of the plant and continued provision of safe drinking water to GWA customers in Southern Guam.

The Ugum SWTP is located in Talofofo, approximately one-half mile west of Highway 4, south of the village of Yona, and north of Inalahan. The plan provides water to GWA's southern customers. The cost estimate is \$4,626,050.00. This amount includes a 10% contingency. The estimated completion date is 365 calendar days from Notice to Proceed (NTP) date. The funding source for this project is GWA Bonds.

GM Bordallo requested the approval for construction services for rehabilitation and reliability improvements to Ugum SWTP. This is an existing project in GWA's 20-year master plan and also in the 5year Capital Improvement Plan (CIP) for reliability upgrades and replacement of major equipment at the plant, this resolution seeks approval because this additional procurement will exceed the authorized threshold amount, once approved by the Board, GWA will present for PUC approval.

Commissioner Limtiaco moved to approve, <u>Resolution No. 03-FY2023:</u> Relative to Requesting Approval to Procure Construction Services Related to the Ugum Surface Water Treatment Plant Rehabilitation, seconded by Commissioner Martinez – none opposed. [Aye = 4, Nay = 0]

#### 6. OTHER DISCUSSION

None

#### 7. ADJOURNMENT

Commissioner Michael Limtiaco made a motion to adjourn, the meeting adjourned at 7:37pm with no opposition.

Attested:	
JOSEPH T. DUENAS, Chairman	PEDRO ROY MARTINEZ, Secretary
cma	



# Management Report GPWA CCU Board Meeting November 29, 2022



# GWA Workforce availability as of November 09, 2022

Healthy	354	95.9%
Sick, not COVID-19 related	7	1.9%
COVID-19 Quarantined	1	0.3%
Military Leave	5	1.4%
LTD	2	0.5%
	369	100%

	Total	
Healthy/Reporting for duty at worksite	324	87.8%
Healthy/Reporting for duty - Part Teleworking and Part Reporting		
for duty at worksite	8	2.2%
Healthy/Reporting for duty - Teleworking	7	1.9%
Employee wants to electively self-quarantine; status not		
considered vulnerable - does not report for duty	2	0.5%
Healthy on annual leave	13	3.5%
Employee sick - symptoms unrelated to COVID-19	7	1.9%
Military Leave	5	1.4%
LTD/Workers Comp	2	0.5%
Employee's direct exposure to a household member with		
symptoms related to COVID-19	1	0.3%
	369	99.19%

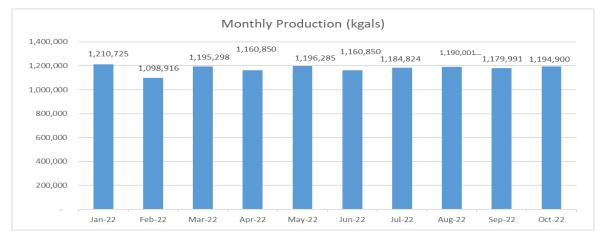
# GWA Workforce Vaccine Status as of November 09, 2022

Fully Vaccinated	346	94%
Did Not Receive Shot	23	6%
	369	100%

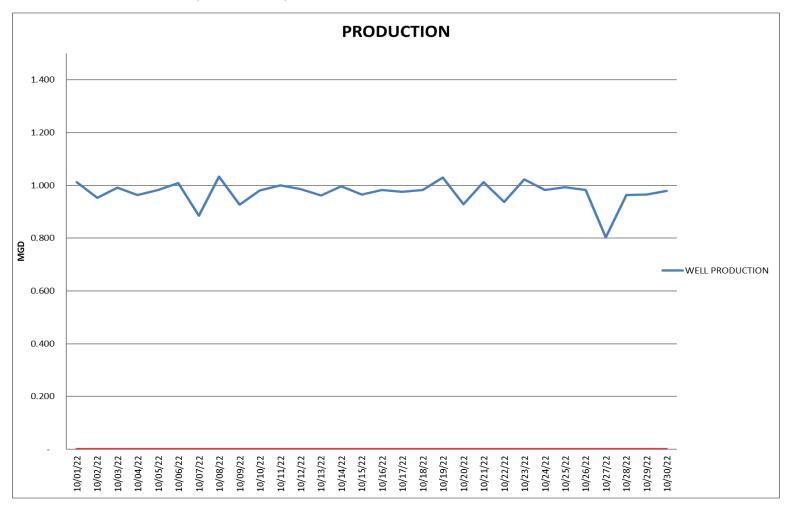
# Operations Update

Production (October 2022)

Monthly Product	ion Summary - C	October 2022		DW Status,	as of 10/31/2022	
Deep Wells	,		MGD	Active	91	-
Active wells =  Avg days in operation =  Total Production =	91 of 1 31 day 1,082,412 Kga	'S		Grounded	18	A26-D01- D03-D06- D10-D14- D27-F02- F10-F13-
Springs Avg days in operation = Total Production =	31 day 21,015 Kga	'S	MGD	Motors		G501- M06-M12- M21-Y09- Y16-Y19- Y22
Ugum Surface Water Plant Avg days in operation = Total Production =	31 day 61,289 Kga	'S	MGD	Out of	9	A02-A07- A28-A29- D05-D13- M14- MJ01-
Tumon Maui Well  Avg days in operation =  Total Production =	31 day 30,184 Kga	'S	MGD	Secured -	2	MJ05 A23-A25
	1,194,900 Kga	ls 38.5	MGD	TOTAL	120	

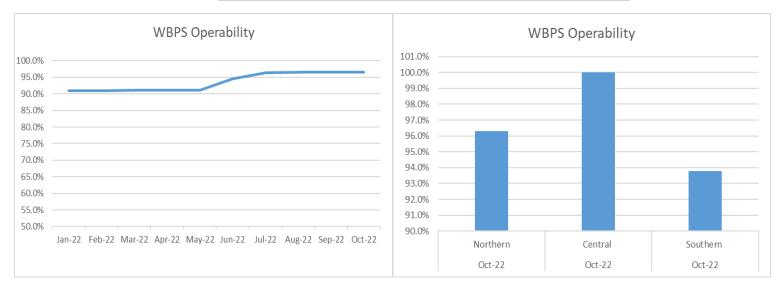


# Tumon Maui Well Production (October 2022)

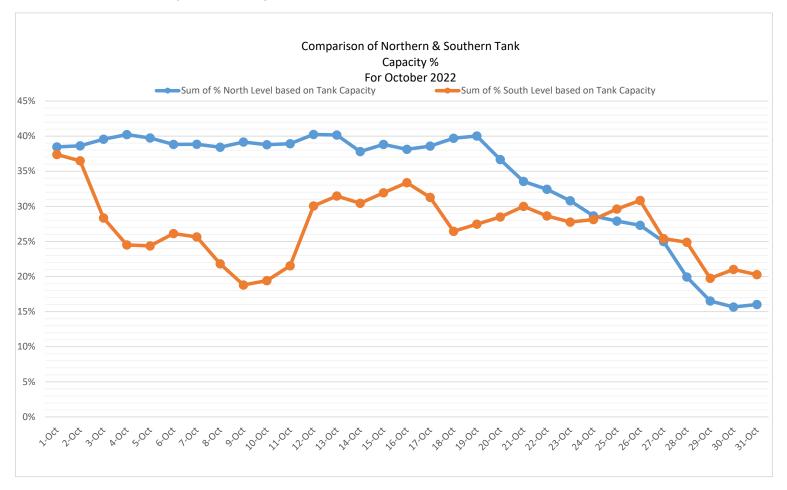


# Distribution (October 2022)

	Monthly Distribution Summary - October 2022							
Water Bo	oster Pump Stati	ons						
	Dictrict	No. of	Total	Pumps	0/ Operational			
	District		Pumps	Operating	% Operational			
	Northern	13	27	26	96.3%			
	Central	7	15	15	100.0%			
(	Southern	7	16	15	93.8%			
		27	58	56	96.6%			

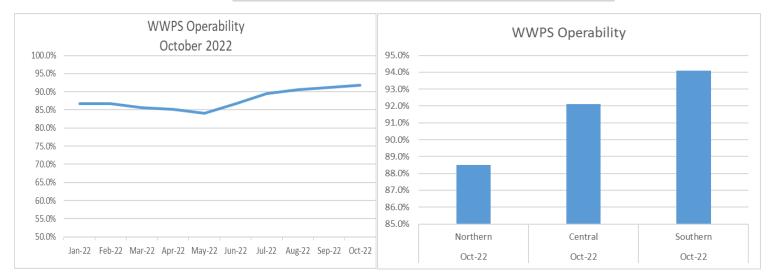


## Distribution – Tank Levels (October 2022)

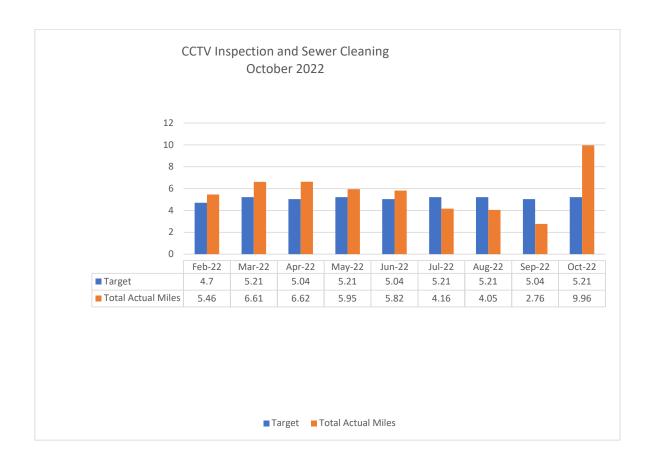


# Wastewater Collections (October 2022)

	Monthly Collections Summary - October 2022						
Wastewa	ter Pump Sta	ations					
	District No. of Total Pumps % Operations						
	Northern	22	52	46	88.5%		
	Central	29	63	58	92.1%		
	Southern	32	68	64	94.1%		
		83	183	168	91.8%		

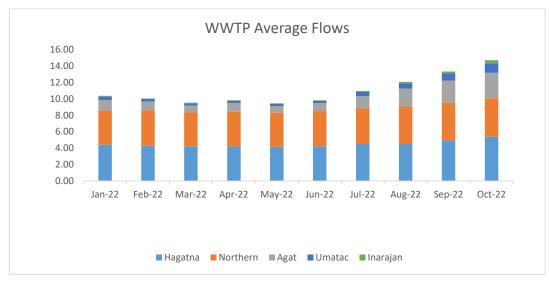


# Wastewater Collections - CCTV (October 2022)



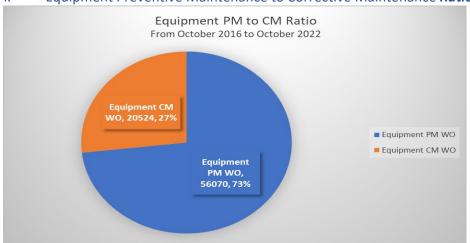
## Wastewater Treatment (October 2022)

	Monthly Wastewater Treatment Summary - October 2022							
WW	Treatment Plants - Flo	ows						
	Facility	Avg. Daily Flows	Sludge (lbs)		e Disp. \$)			
	Hagatna	5.39	53,780	\$	4,840			
	Northern	4.71	102,620	\$	9,236			
	Agat	3.09	52,720	\$	4,745			
	Umatac	1.17						
	Inarajan	0.36						
		14.72	209,120	\$	18,821			

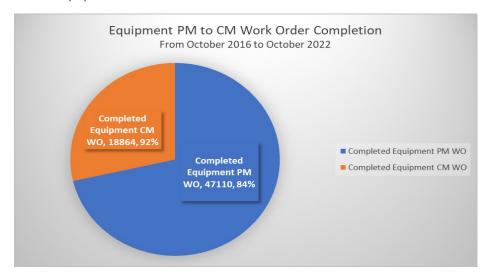


# Asset Management (through October 2022)

### . Equipment Preventive Maintenance to Corrective Maintenance Ratio



### II. Equipment Preventive Maintenance to Corrective Maintenance Work Order Completion



#### Asset Management (through October 2022)

# III. Corrective Maintenance Work Order *Ratio* for Leak Repairs vs. Equipment Repair



# IV. Corrective Maintenance Work Order *Completion* for Leak Repairs vs. Equipment Repair



#### One Guam Update (October 2022)

- 01-TMW
- Inspection was conducted on October 19, 2022 Inspection went well. No issues.
- 04-OEA Projects NGLA Deep Observation Wells
  - New Wells Drilling Status
    - Northwest Field Drilling and casing are completed. Contractor re-grading to address storm water issues during heavy rains. Putting in the concrete pads next week.
    - NCSF-1 (South Finegayan) being finalized.
    - EX-8 Will be completing concrete pad and above ground improvements.
    - Only well left is AFB-1. Drilling to take place next mid-week, and then after that week, will do the video and geophysical logging. Anticipate completion in November.
    - Yigo Well did not meet target depth all the way through the transition zone; won't be used as a deep observation well. Well will be used as a *water level monitoring well*. Expected to be completed by December 2022.
- Signing ceremony for the MOAs for GWA/NAVFACMAR/WERI/USGS occurred on October 21, 2022 at UOG.

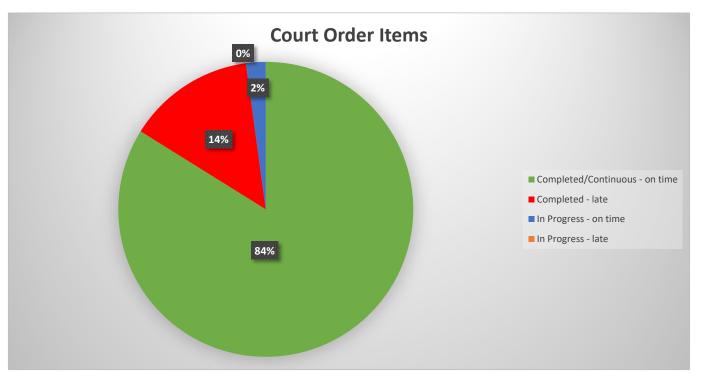
#### 30-Other

- Andersen Wastewater Meter
  - GWA is requiring an additional bypass meter for use when maintenance work or repair is required on primary meter.
     GWA will work on the agreement that describes who will own it, how readings will be reported, etc. A basic MOU can be drafted to be signed by GWA and DOD.
- o Cetti Bay Easement
  - No update (still with GWA Legal who is working on the questions from the AG's office).
- o GWA WW Collection System Easement Request for Marbo Property
  - GWA GIS sent files to DOD
- DOD will have a pilot project to test new technology for PFAS treatment. The Navy is trying to put in a pilot system at the NRMC wells; have support from the Admiral. The plan is to test out the new process. Trying to do the study and working on the RFP

## One Guam Update (October 2022)

- DoD Water Line Status Two Lovers' Point Road / GWA interested in an interconnect as Redundancy for NDWWTP
  - Letter on concurrence from the Base for interconnection was sent to GPA; GWA will follow up with GPA to get a copy of the letter.
  - The connection will probably be contracted out. DOD requests GWA to advise the contractor coordinate with DOD on exact location of connection.

# Court Order Summary (October 2022 – no changes)



# **Court Order Summary**

	Court Order Items	%	Performance % Completed	Performance (on-time or
Completed/Continuous - on				completed)
time	78	84%		
Completed - late	13	14%		
In Progress - on time	2	2%		
In Progress - late	0	0%	97.8% 100	
Totals	93	100%	97.8% 100.09	

## Court Order – Status Information (October 2022)

No CO delays due to approval of CO extension.

- o Final Date to complete CO 29(b) is June 30, 2023.
- Overflow or Bypass events reported to USEPA (through November 1, 2022):
  - o Oct. 7, 2022, SSO#703, Washington Street, Mangilao FOG
  - o Oct. 8, 2022, SSO#704, Rojas Street, Tamuning Hydraulic Capacity due to Heavy Rain
  - o Oct. 9, 2022, SSO#705, Chalan Canton Tasi, Merizo Infiltration/Inflow due to Heavy Rain
  - o Oct. 10, 2022, SSO#706, Lower East Sunset Blvd., Tiyan Pump Station Failure
  - o Oct. 11, 2022, SSO#707, Serenu Avenue., Tamuning Hydraulic Capacity due to Heavy Rain
  - o Oct. 13, 2022, SSO#709, Vietnam Veterans Memorial, Chalan Pago-Ordot Pump Station Failure
  - o Oct. 13, 2022, SSO#710, Tai Sewer Pump Station, Dairy Road, Mangilao Pump Station Failure
  - o Oct. 20, 2022, SSO#714, Jesus Lujan Street, Merizo Hydraulic Capacity due to Heavy Rain
  - o Nov. 1, 2022, SSO#718, Alupang Way, Tamuning FOG

# Land Acquisition Summary (through October 2022 – no updates)

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Tanks	Astumbo	Gov't CLTC	Petition of Land Registration package forwarded to Attorney General by DLM 11/04/19. AG pending court filing 06/30/2021. Follow up status sent to DLM on 09/02/2021, 10/06/2021, 11/03/2021, 01/27/2022, 03/04/2022, 05/12/2022, 07/07/2022 and 09/12/2022. DLM response 09/26/2022 still pending with DLM legal counsel.
	Piti	Private	Received final comments from DoAg. Waiting on the archaeological report before we can submit 299 form. Waiting for permission from NPS to access the lot and perform the Archeological survey.
Deep Wells	AG-12	Dept. of Agriculture / Manhita Farms	Right of Entry Agreement sent to Dept of AG for signature 05/24/18. 2 <sup>nd</sup> follow up sent on 09/12/18. 3rd follow up sent on 04/10/19. Retracement Survey Property Map filed and recorded at DLM 7/10/19. DCA submitted parceling map to DLM for review and comments on August 18, 2021, waiting for their review comments. ROE Agreement information sent to GWA legal counsel for further review and processing 01/28/2022; Follow up status sent to DCA 03/04/2022 and 07/08/2022.
Booster Pump Station	Agfayan	Private	TGE working on structural design for pump station area for L28, B19, T3734, Inalahan 11/07/19. Letter of Decision received by CLTC 06/09/2021. CLTC has responded for in-kind service letter 10/08/2021. 1st Appraisal Report submitted to GWA on 05/11/2022. 2nd appraisal submittal to GWA 09/20/2022. Appraisal report sent to GM/legal counsel for review, approval and response 09/22/2022.

(Continued on next page)

# Land Acquisition Summary (through October 2022 – no updates – continuation)

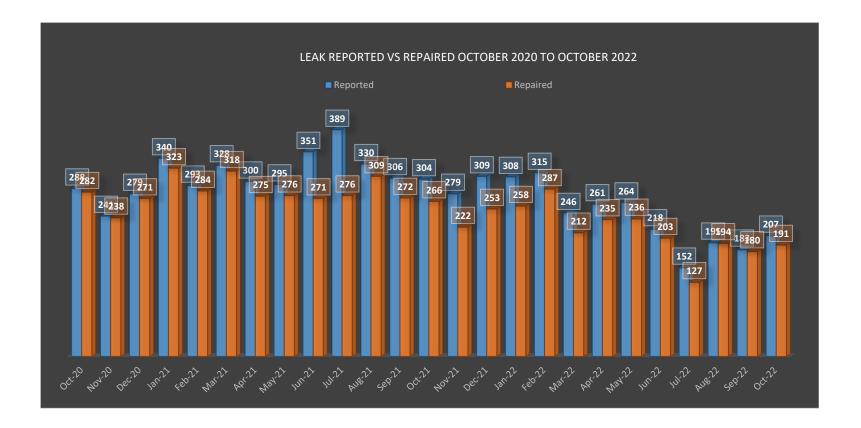
GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Asan Springs	Asan	Federal	In order for NPS to issue a land ROW agreement with GWA, NPS has to complete NEPA first. GWA has HDR under contract to perform this work and an Environmental Assessment (EA) will be developed. The permit for the biological survey was submitted on 6/12/2020 and was signed by NPS on 1/22/2021. Further coordination between NPS and SHPO is pending to determine necessary approach for an archaeological survey. New Chief of Resources for War in the Pacific National Historical Park, Timothy Clark, hired. Replacing Tahzay Jones, who was previously working with us. HDR working with Tim Clark on coordinating things with NPS. Biological Survey:  • Fieldwork completed, 2/10/2021. Based on a preliminary finding by HDR's biologist they have found snails close to the site, and within NPS proposed ROW, and outside the proposed ROW. Draft report submitted to NPS, 4/1/2021.  • Comments received from NPS, 6/4/2021.  • Final Report submitted to NPS, 6/12/2021.  • NPS submitted Biological Survey to USFWS, 9/28/2021. met with NPS, USFWS, DOAG on 10/22/2021 to discuss survey and possible Biological Assessment (BA).  • HDR working with NPS to develop formal BA pending template of BA from USFWS; HDR completed draft Public Scoping Document for NPS review for NEPA process, 11/05/2021. Still waiting on NPS for edits/comments on Scoping documents/BA for NEPA.  DOAG Environmental Consultation Letter:  • HDR sent Request letter sent to DOAG (Dep of Ag) on 3/15/2021.  • GWA followed up with DOAG on 6/25/2021.  • DOAG responded on 7/1/2021, but did not reach GWA Eng. until 8/4/2021; HDR review response letter and will respond soon.  • Pending response from HDR if they had previously sent over their Biological Survey  SHPO Letter: Pending archaeological survey requirements from SHPO.  • SHPO Letter: Pending archaeological survey requirements from SHPO.  • SHPO Letter sent to NPS or 7/12/2021; rec'd. comments on 8/9/2021.  • Resubmitted letter to NPS on 9/15/2021.  • NPS submitted Environmental Consultation Request to SHPO, 10/20/2021; SHPO respo

(Continued on next page)

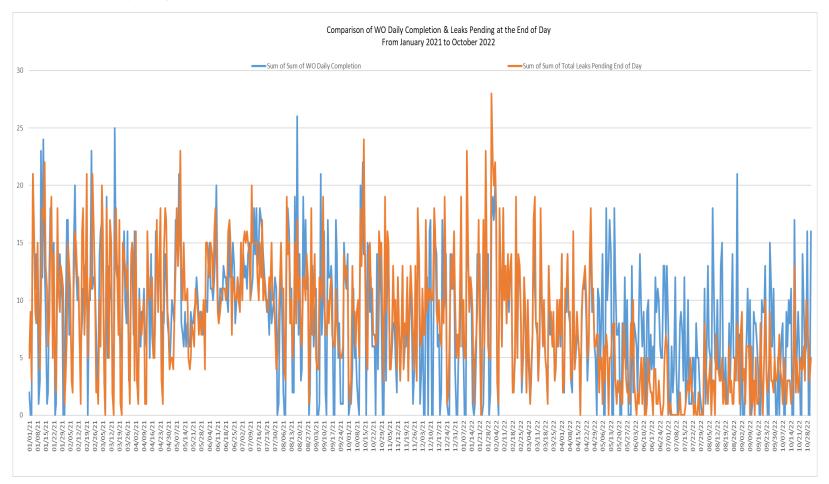
# Land Acquisition Summary (through October 2022 – no updates – continuation)

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Asan Springs	Asan	Federal	Asan Springs — Public Meeting:  Public engagement meeting was held at the Asan Mayor's office on 4/19/2022.  The purpose of the public meeting was to inform the public about the rehabilitation of Asan Spring project and its unique property condition being on NPS and GWA land.  As of 6/24/2022, NPS has not received any public comments.  Biological Assessment Report:  A draft report reviewed by USFW was given to HDR and was issued to GWA and NPS for further input on 5/24/2022.  The Final Report is pending comments from NPS; HDR to make revisions based on NPS and GWA comments to the report before sending it to USFW for review and acceptance.  Environmental Assessment:
			<ul> <li>HDR is in the beginning process of getting a draft to NPS for review.</li> <li>The EA will include the NEPA process and follow all necessary requirements for compliance to obtain a ROW agreement with NPS.</li> </ul>

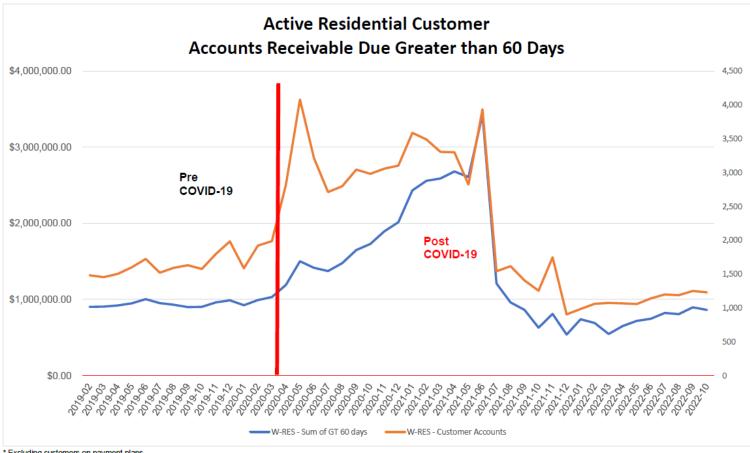
### Comparison of Leaks Reported vs. Leaks Repaired (through October 2022)



# Daily Leak Repairs (through October 2022)

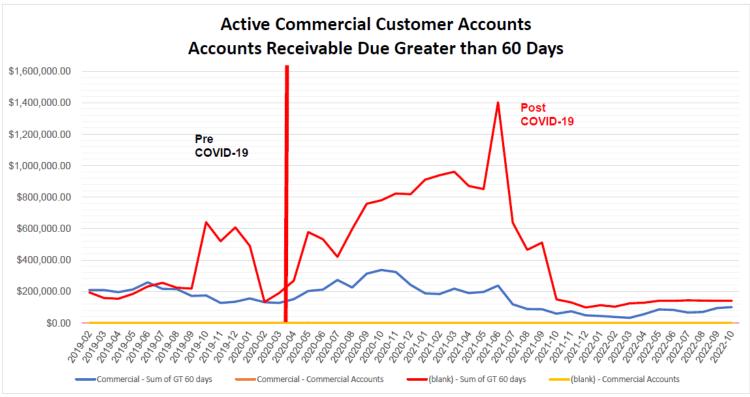


## Accounts Receivables – Active Residential Customers (through September 2022)



<sup>\*</sup> Excluding customers on payment plans

#### Accounts Receivables – Active Commercial Customers (through October 2022)



<sup>\*</sup> Excluding customers on payment plans



# **GWA Financial Overview**

OCTOBER 2022





# **Key Financial Indicators**

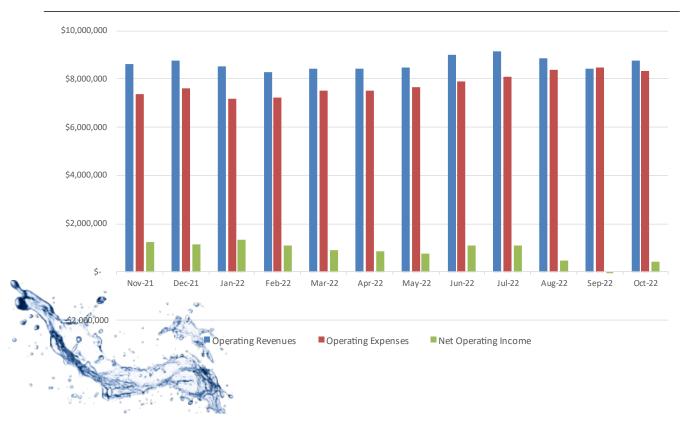
Indicator	Target	Aug-22	Sep-22	0ct-22
DSCYTD				
- Per Section 6.12 of Indenture	1.25	1.30	1.30	1.25
- Per PUC / CCU	1.40	1.30	1.30	1.25
Days - Cash on Hand	120 days	279 days	264 days	299 days
Collection Ratio				
- Month to Date	99%	111%	95%	100%
- Year to Date	99%	98%	98%	100%
Days Billed	30 days	30 days	31 days	29 days
Account Receivable Days	30 days	39 days	39 days	78 days <b>≭</b>
Account Payable Days	45 days	36 days	31 days	41 days
Employee Count	400 FTE	359 FTE	366 FTE	366 FTE
Water Demand				
- Month to Date	440,748	437,959	436,253	411,187
- Year to Date	440,748	4,841,911	5,278,164	411,187
Wastewater Flow				
- Month to Date	318,166	317,636	316,863	296,339
- Year to Date	318,166	3,511,674	3,828,538	296,339
Water Customers	43,658	43,407	43,446	43,420
Wastewater Customers	30,781	30,597	30,651	30,484



Oct 2022 includes receivable from DOA for \$23M, without the DOA Receivable AR Days would be 37 Days.

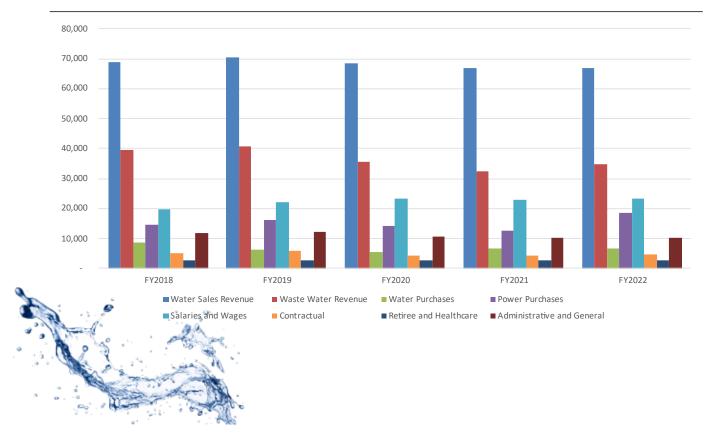


# **Income Statement**



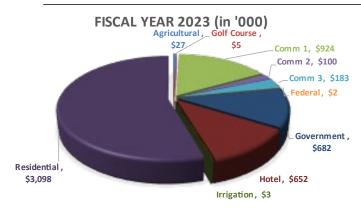


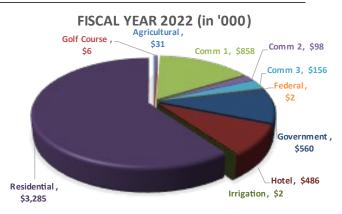
# Income Statement – FY2018 TO FY2022

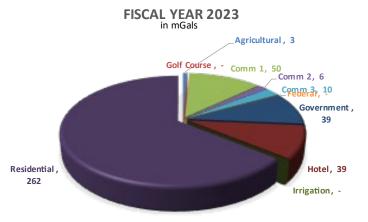


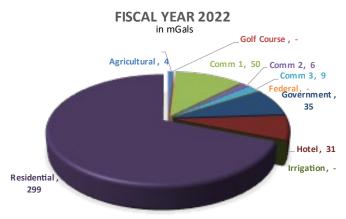


# OCTOBER 2022 YTD Water Revenue/Demand by Rate Class



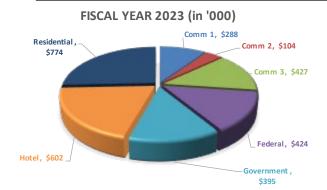


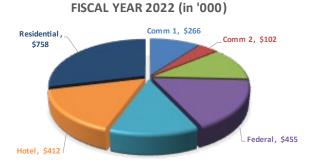


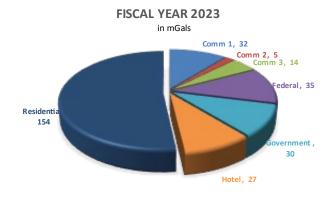


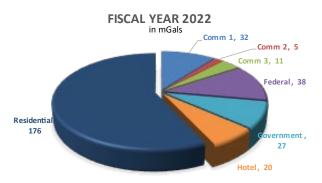


# OCTOBER 2022 YTD Waste Water Revenue/FLOW by Rate Class



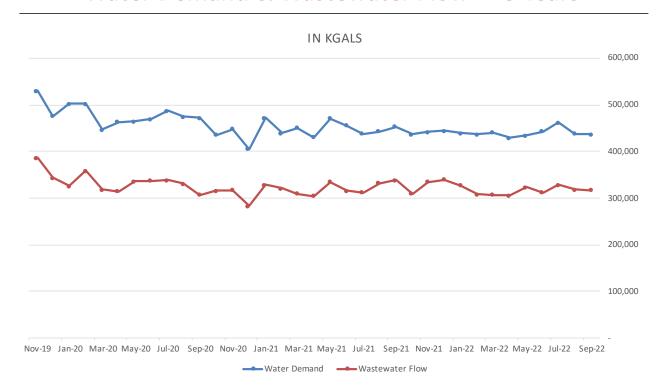






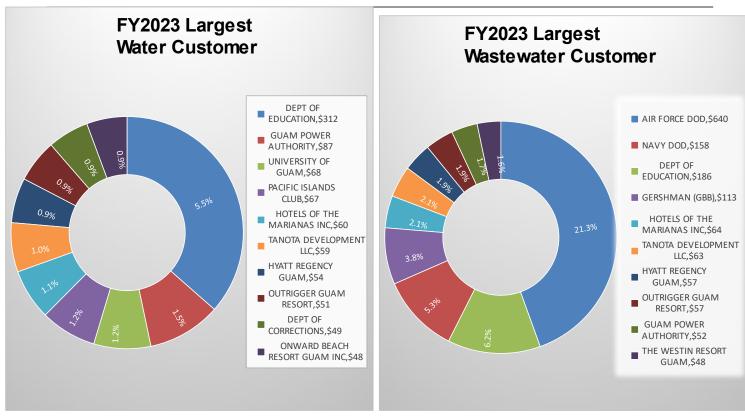


# Water Demand & Wastewater Flow − 3 Years





# FY2023 10 Largest Water & Wastewater Customers



\*Percentages shown are percentage of total water or wastewater revenues. Total top 10 water customers are 15.1% and totalptd0 wastewater customers are 47.9% of total water and wastewater revenues.



# OCTOBER 2022 YTD Expenses by Categories

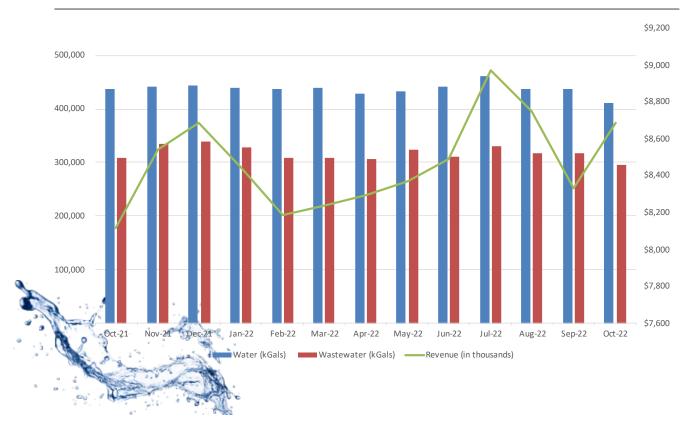
# FY2023 (IN '000)

# FY2022 (IN '000)



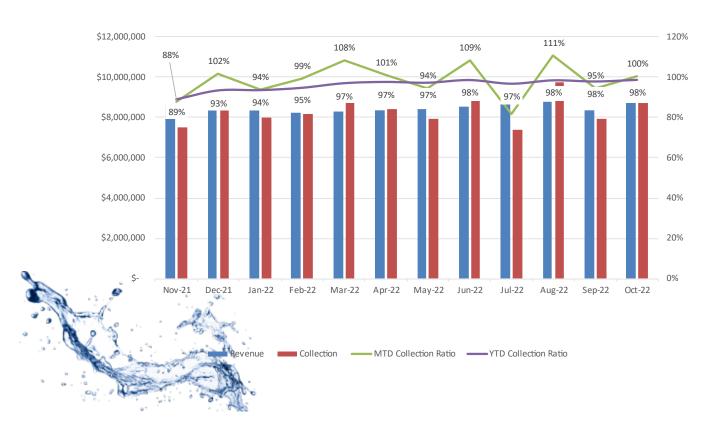


# **Overall Revenues and Demand**



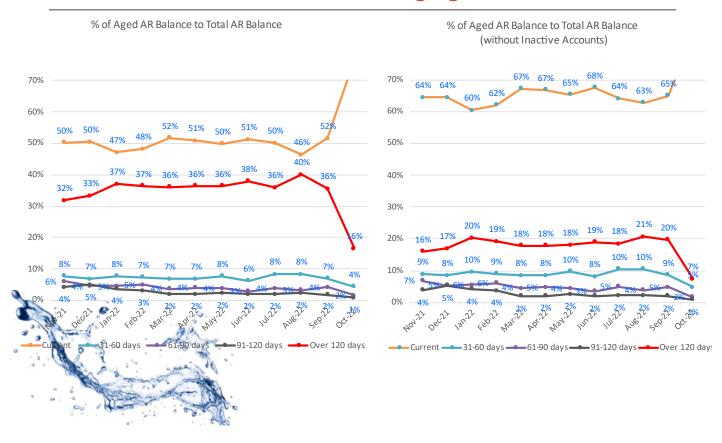


# **Overall Revenues and Collections**





# Overall – AR Aging





# **Grants Summary**

(As of September 30, 2022)



35

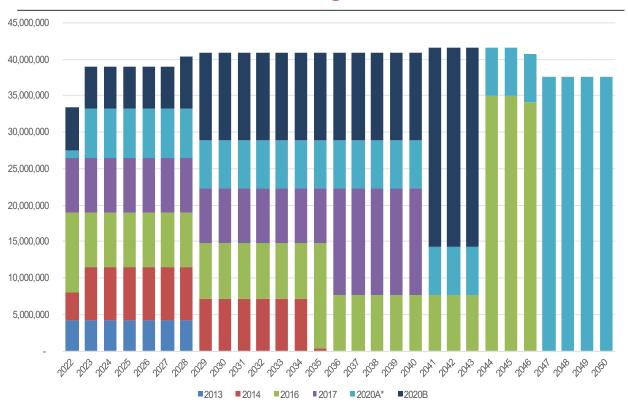


# Debt Service as a Percentage of Operating Revenues





# **GWA Outstanding Debt Service**





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# Financial Statement Overview October 2022

# Kev Financial Indicators

Indicator	Target	Aug 22	Sept 22	Oct 22
DSC YTD				
Per Section 6.12 of Indenture	1.25	1.30	1.30	1.25
Per PUC / CCU	1.40	1.30	1.30	1.25
Days - Cash on Hand	120 days	279 days	264 days	299 days
Collection Ratio				
Month to Date	99%	111%	95%	100%
Year to Date	99%	98%	98%	100%
Days Billed	30 days	30 days	31 days	29 days
Account Receivable Days	30 days	39 days	39 days	78 days*
Account Payable Days	45 days	36 days	31 days	41 days
Employee Count	400 FTE	359 FTE	366 FTE	366 FTE
Water Demand				
Month to Date	440,748	437,959	436,253	411,187
Year to Date	440,748	4,841,911	5,278,164	411,187
Wastewater Flow				
Month to Date	318,166	317,636	316,863	296,339
Year to Date	318,166	3,511,674	3,828,538	296,339
Water Customers	43,658	43,407	43,446	43,420
Wastewater Customers	30,781	30,597	30,651	30,484

<sup>\*</sup>Oct 2022 includes receivable from DOA for \$23M; without the DOA Receivable AR Days would have 37 Days.

# Water and Wastewater Consumption

Water consumption is 6% less and wastewater flow is 4% less for the month of October compared to prior year. While Commercial, Hotel and GovGuam water consumption were up 5%, 26%, and 12%, it was not enough to offset decreases in all other customer classes. Similarly, increases of 24%, 37% and 10% in wastewater flows for Commercial, Hotel, and GovGuam were not sufficient to offset decreases in the other customer classes. Note that the number of YTD billing days in October 2022 of 29 days is 1 day less than the prior year's 30 days. See Schedule K for Water Demand for FY2015 to FY2023.

YTD average daily water consumption for October 2022 of 14,179 kgals is 3% lower than October 2021's 14,543 kgals. Increases in the Commercial, Hotel, and GovGuam customer classes were not enough to offset decreases in the Residential average daily water consumption.

# Balance Sheet (Schedule A)

Total Assets & Deferred Outflows of Resources of \$1.23B in September 2022 increased by \$23.7M or 2% to \$1.26B in October 2022. Current Assets increased by \$28.1M primarily due to increases in accounts receivables; accounts receivable includes \$23M in American Rescue Plan Act (ARPA) grants from the Governor's Office. Property, Plant and Equipment decreased by \$1.97M due to increases in accumulated depreciation. Other Noncurrent Assets decreased by \$2.5 million as bond funds were used to pay contractors.



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- Liabilities & Deferred Inflow of Resources of \$907.3M in September 2022 increased by \$25.3M or 3% to \$932.6M in October 2022 primarily due increases in Accrued and Other Liabilities for deferred revenues related to the ARPA grants.
- Accounts Receivable days in October were 78 days, double September 2022's 39 days due to the ARPA and Sewer Loan Program receivable from Department of Administration (DOA); without the ARPA funds, Accounts Receivable days is calculated to be 37 days. Accounts Payable days were 41 days in October 2022, 10 days more than the 31 days in September 2022. Schedule I presents Accounts Receivable Aging by Customer Class and Schedule H contains a breakdown of Government Receivables. Schedule J reports Accounts Payable Aging.

# Statement of Operations and Retained Earnings (Schedules B-E)

- Total Operating Revenues for October 2022 of \$8.8M is 263.0K less than budget of \$9.0M. October 2022 Total Operating Revenues are 8% or \$615.0K more than October 2021's \$8.1M.
- Below are the percentages of operating revenues (water and wastewater) contributed by GWA's customer classes for FY2023 and FY2022 as well as the revenue totals:

	Customer Class	FY20	FY2023		22
0	Residential	\$3,871,766	\$3,871,766 44.56%		49.82%
0	Commercial	\$2,025,884	23.32%	\$1,788,916	22.04%
0	Hotel	\$1,253,449	14.43%	\$897,255	11.06%
0	Government of Guam	\$1,077,377	12.40%	\$889,719	10.96%
0	Federal Government	\$426,359	4.91%	\$457,369	5.64%
0	Agriculture, Golf Course, Irrigation	\$34,279	0.39%	\$38,724	0.48%
	TOTALS	\$8,689,114	100.00%	\$8,115,126	100.00%

- Total Operating Expenses for October 2022 of \$8.4M were \$7.3K or less than 1% less than budget of \$8.3M. October 2022 Total Operating Expenses were 20% or \$1.4M more than October 2021's \$6.98M. The largest increase month over month was in power which increased by 77% or \$1.0M. Additionally, Salaries and Benefits, Net, were \$143.9K more and Insurance was \$68.0K more in October 2022 compared to October 2021.
- Earnings from Operations for October 2022 of \$426.0K were 39% or \$270.0K less than the budget of \$696.0K and 64% or \$755.0K less than October 2021's \$1.2M. Change in Net Assets for October 2022 of -\$1.7M was 235% or \$2.9M less than the \$1.2M budget and \$467.0K or 39% less than October 2021's -\$1.2M. The decrease in the Change in Net Assets year over year was mostly due to the decrease in earnings offset by Interest Income.

# Cash Flow (Schedule F)

As of October 2022, cash flows from operating activities were \$3.5M, cash used in capital and financing activities was \$620.0K, and cash from investing activities was -\$1.3M resulting in an increase in cash of \$1.5M. Days Cash on Hand for October 2022 was calculated at 299 days compared to September 2022's 264 days. Schedule G contains a schedule of restricted and unrestricted cash and investments.



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## **Customer Payments**

Despite the pandemic, while only 8% of payments are made in cash, more than a third of payments continue to be made in person. Beginning in August 2021, ratepayers were able to access one walkup window in Upper Tumon to make payments; the drive through continues to remain open.

On April 28, 2020, CCU Resolution 24-FY2020 granted the lifting of credit card limits on payments for non-residential accounts. In FY2022 (October through December), approximately 50% of payments were made with credit cards. Below is a summary of non-residential credit card payments and related fees.

Month	Customer Count	Amount Paid	Fees	% Of Fees to Payments
May - September 2020	140	\$241,335	\$4,952	2.05%
October 2020-September 2021	526	\$1,119,286	\$22,505	2.01%
October - December 2021	160	\$649,270	\$13,055	2.01%
January - March 2022	177	\$753,282	\$15,146	2.01%
April - June 2022	186	\$766,544	\$15,412	2.01%
July - September 2022	215	\$907,873	\$17,976	1.98%
October 2022	72	\$335,408	\$6,397	1.91%

The new merchant service agreement will transfer credit card processing from Bank of Hawaii to First Hawaiian Bank (FHB). GWA Resolution 20-FY2022 authorized set up an FHB account to be used to deposit funds collected through this process. Credit card payments at GPWA offices use the FHB facility while we are working with FHB to convert online payments.

Since the suspension of disconnections for nonpayment was lifted, the Upper Tumon office has been open for payments on Saturdays. For the five Saturdays in October, 541 payments totaling \$87,165 were made towards GWA billings and 551 payments totaling \$152,476 were made for GPA.

For the month of October, Finance posted \$98,230 in utility payments from the Department of Administration (DOA) for eligible renters as part of the Guam Emergency Rental Assistance Program (GERAP). Additionally, GWA posted \$43,463 from eligible homeowners as part of the Guam Homeowners Assistance Fund (GHAFP). Furthermore, GWA posted \$10,850 payments from eligible Low Income Household Water Assistance Program (LIHWAP).

# Guam Solid Waste (GSW) Customer Payments

GPWA began to accept GSW payments on June 6, 2022. For the month of October, GWA accepted \$65,926 in GSW payments at the Upper Tumon Office. GWA will bill \$1,014 to GSW for processing fees.

# Rate Stabilization Fund

CCU Resolution 06-FY2022 authorized transfers up to \$2 million from the RSF into the GWA general fund. Resolution 19-FY2022 authorized transfers from the RSF to the general fund by \$3.3 million and Resolution 28-FY2022 authorized transfers of up to \$6.1 million bringing total authorized transfers to \$11.4 million. A \$1.3 million transfer was made for October 2022, bringing total transfers to \$8.3 million.

# FY2022 Audit

Trial balance and other supporting documents provided as required to the auditors. Audit proceeding as scheduled.



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## Federal Grants

As the PUC Rate Order was issued, the American Rescue Plan Act (ARPA) funds will be released by the Governor in October. The funds include \$12.4 million for rate increase mitigation and \$8.6 million for infrastructure improvements in Adacao.

USEPA funding will be increased by \$26.4 million annually for five years through the Infrastructure Investment and Job Act; FY2023 is the first year these funds will be available.

As part of the PUC Rate Order, a grant status report will be provided to the PUC annually on November 30.

# Legislative Appropriation

Public Law 36-107, the FY2023 Budget Act, appropriated \$2 million for the Guam Waterworks Authority Sewer Loan Revolving Fund. GWA will be updating the rules of the fund to attract more customers to apply for the loan.

## **COVID Updates**

There were 258 COVID-19 positive tests and 2 COVID-related fatalities reported during the month of October. For the month of October 2022, the average daily positive test rate was 8 compared to the 20 daily average in September. Executive Order 2022-24 extended the public health emergency to December 6, 2022.

By the end of October 2022, 140,108 residents were fully vaccinated, 70,667 had received their first booster, and 12,706 had received a second booster. Incentives are being offered to residents who take their last dose in the primary series or receive a booster. There were 4 persons hospitalized for COVID at the end of September. The recently approved Novavax and Bivalent vaccines are available at DPHSS clinics by appointment; outreach clinics were closed on September 30, 2022. Monoclonal antibody treatment of mild to moderate COVID-19 is also available through DPHSS.

# **GVB Visitor Arrivals**

Visitor Arrivals for September 2022 increased 388.7% over September 2021, from 5,735 to 28,028. Sixty-four percent of arrivals were from Korea and 16% originated from the United States. Calendar year arrivals were up 251.9% and fiscal year arrivals were up 252.1%. Free COVID-19 testing and vaccines are still available at the Plaza Shopping Center in Tumon. GVB and GIAA are courting airlines to schedule additional flights through Haneda airport to Guam.

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# GUAM WATERWORKS AUTHORITY Balance Sheet October 31, 2022

SCHEDULE A

	Unaudited	Unaudited	Increase
ASSETS AND DEFERRED OUTFLOWS of RESOURCES  Current Assets	October 31, 2022	September 30, 2022	(Decrease)
Cash			
Unrestricted (Schedule G)	34,690,252	33,173,824	1,516,428
Restricted Funds (Schedule G) Accounts Receivable Trade, Net of Allowance for Doubtful Receivables	39,828,470 33,115,513	35,637,985 10,418,668	4,190,485 22,696,845
of \$9,928,539 at Oct 31, 2022 and \$9,753,074 at Sept 30, 2022	00,110,010	10,410,000	22,030,043
Federal Receivable	3,293,522	5,555,329	(2,261,806)
Other Receivable Prepaid Expenses	2,616,366 2,751,801	2,641,724 1,254,152	(25,357)
Materials & Supplies Inventory, Net of Allowance for Obsolescence	5,132,147	4,692,491	1,497,649 439,656
of \$122,856 at Oct 31, 2022 and \$122,856 at Sept 30, 2022			
Total Current Assets	121,428,072	93,374,172	28,053,900
Property, Plant and Equipment			
Utility plant in service			
Water system	419,490,344	419,442,432	47,911
Wastewater system Non-utility property	513,702,347 33,255,121	513,677,631 33,321,266	24,716 (66,145)
Intangible Lease Asset	782,681	782,681	<u> </u>
Total property	967,230,493	967,224,011	6,482
Less: Accumulated Depreciation Land	(396,842,336) 5,287,305	(394,616,996) 5,287,305	(2,225,340)
Construction Work in Progress	234,881,386	234,636,641	244,745
Property, Plant and Equipment, net	810,556,849	812,530,962	(1,974,113)
Noncurrent assets			
Restricted cash (Schedule G)	159,200,537	164,999,269	(5,798,732)
Investments (Schedule G)	72,741,225	69,404,193	3,337,032
Total other noncurrent assets and deferred charges	231,941,762	234,403,462	(2,461,700)
Total Assets	1,163,926,683	1,140,308,596	23,618,087
Deferred outflows of resources	2 022 770	2 502 040	220 720
Regulatory assets Debt defeasance due to bond refunding	2,822,779 29,059,406	2,592,049 29,229,855	230,730 (170,449)
Deferred outflows from pension	12,904,653	12,904,653	` - ′
Deferred outflows from OPEB  Total Assets and Deferred Outflows of Resources	48,780,079 <b>1,257,493,599</b>	48,780,079 1,233,815,231	23,678,368
Total Assets and Deletted Outflows of Resources	1,257,493,599	1,233,613,231	23,676,366
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
<u>Current Liabilities</u>			
Current maturities of long-term debt Series 2013 Revenue Bond	3,145,000	3,145,000	_
Series 2014 Refunding Bond	4,005,000	4,005,000	-
Series 2016 Revenue Bond	835,000	835,000	-
Series 2017 Refunding Bond Notes Payable	2,250,000	2,250,000	-
Lease Liability	234,823	234,823	-
Accounts Payable -Trade	6,222,901	4,132,963	2,089,938
Accrued and Other Liabilities Interest Payable	26,624,122 9,600,559	2,992,356 7,200,420	23,631,766 2,400,140
Accrued Payroll and Employee Benefits	1,212,022	1,118,809	93,213
Current portion of employee annual leave	818,942	818,942	
Contractors' Payable Customer and Other Deposits	18,585,781 2,295,652	21,353,179 2,275,313	(2,767,398) 20,340
Total Current Liabilities	75,829,803	50,361,804	25,467,998
Long Term Debt, less current maturities Series 2013 Revenue Bond	19 365 000	18 365 000	
Series 2013 Revenue Bond Series 2014 Refunding Bond	18,365,000 60,050,000	18,365,000 60,050,000	-
Series 2016 Revenue Bond	134,140,000	134,140,000	-
Series 2017 Refunding Bond	100,930,000	100,930,000	-
Series 2020A Revenue Bond Series 2020B Refunding Bond	134,000,000 166,075,000	134,000,000 166,075,000	-
Unamortized Bond Premium/Discount	38,653,919	38,778,147	(124,228)
Lease Liability LT	300,279	300,279	- '
Net pension liability	56,364,779	56,364,779	-
Net OPEB obligation Employee Annual Leave, Less Current Portion	106,433,894 901,978	106,433,894 901,978	-
Employee Sick Leave	1,376,504	1,376,504	-
	200 404 455	000.077.005	05.040.770
Total Liabilities	893,421,155	868,077,385	25,343,770
Deferred inflows of resources:			
Contribution in Aid of Construction	640,815	640,815	-
Deferred inflows from pension Deferred inflows from OPEB	985,049 37 575 15 <i>4</i>	985,049 37 575 154	-
Doletica Illinows Ilotti OFED	37,575,154	37,575,154	<del>-</del>
Total Liabilities and Deferred Inflows of Resources	932,622,173	907,278,403	25,343,770
Not Assets	004.074.400	200 500 000	// 005 /00
Net Assets	324,871,426	326,536,828	(1,665,402)
	1,257,493,599	1,233,815,231	23,678,368

# GUAM WATERWORKS AUTHORITY Statement of Operations and Retained Earnings Comparative Budget vs. Actual for the period ending October 31, 2022

SCHEDULE B

	Month to		Variance	
	Actual (Unaudited)	Budget*	Favorable /	
OPERATING REVENUES	October-22	October-22	(Unfavorable)	
Water Revenues	5,500,722	5,711,790	(211,06	
Wastewater Revenues	2,938,979	2,926,168	12.81	
Legislative Surcharge	249,413	259,220	(9,80	
Other Revenues	29,771	42,563	(12,79	
System Development Charge	61,675	103,639	(41,96	
Total Operating Revenues	8,780,560	9,043,380	(262,82	
OPERATING AND MAINTENANCE EXPENSES				
Water Purchases	536,480	550,510	14,03	
Power Purchases	2,325,422	1,800,000	(525,42	
Total Utility Costs	2,861,902	2,350,510	(511,39	
Salaries and Wages	1,504,309	1,702,220	197,91	
Pension and Benefits	599,054	630,750	31,69	
Total Salaries and Benefits	2,103,363	2,332,970	229,60	
Capitalized Labor and Benefits	(228,086)	(272,899)	(44,81	
Net Salaries and Benefits	1,875,277	2,060,071	184,79	
Administrative and General Expenses				
Sludge removal	42,076	73,667	31,59	
Chemicals	110,455	149,392	38,93	
Materials & Supplies	79,451	151,794	72,34	
Transportation	35,335	56,758	21,42	
Communications Claims	4,566	12,911	8,34	
Insurance	- 147,927	27,051 151,327	27,05 3,40	
Training & Travel	40,481	12,649	(27,83	
Advertising	1,200	3,788	2,58	
Miscellaneous	101,948	106,853	4,90	
Regulatory Expense	7,667	36,381	28,71	
Bad Debts Provision	173,782	167,165	(6,61	
Total Administrative and General Expense	744,887	949,737	204,85	
Depreciation Expense	2,291,485	2,309,061	17,57	
Contractual Expense				
Audit & Computer Maintenance	111,219	143,003	31,78	
Building rental	48,915	42,503	(6,41	
Equipment rental	19,347	33,227	13,88	
Legal	-	21,865	21,86	
Laboratory	702	41,336	40,63	
Other	112,227	124,547	12,32	
Total Contractual Expense	292,410	406,481	114,07	
Retiree Supp. Annuities and health care costs	232,191	219,142	(13,04	
Contribution to Government of Guam	56,100	52,000	(4,10	
Total Retiree Benefits	288,291	271,142	(17,14	
Total Operating Expenses	8,354,253	8,347,001	(7,25	
Earnings (Loss) from Operations	426,307	696,379	(270,07	
Interest Income - 2010/13/14/16/17/20 Series Bond	339,589	18,957	320,63	
Interest Income - Other Funds	43,474	5,424	38,04	
Interest Income - SDC	(3,412) (2,400,140)	445 (2,400,140)	(3,85	
Interest Expense - 2010/13/14/16/17/20 Series Bond Federal Expenditures		(2,400,140)	(25,00	
Loss on Asset Disposal	(25,000)	(2,932)	2,93	
Amortization of Discount. Premium and Issuance Costs	124,228	156,349	(32,12	
Defeasance due to bond refunding	(170,449)	(210,868)	40,41	
Prior Year Adjustment	-	(2.0,000)	-	
Total non-operating revenues (expenses)	(2,091,710)	(2,432,765)	341,05	
Net Income (Loss) before capital contributions	(1,665,402)	(1,736,386)	70,98	
Capital Contributions	,	, , ,		
Grants from US Government	-	2,967,709	(2,967,70	
Grants from GovGuam & Others	-	-	-	
Total Capital Contributions		2,967,709	(2,967,70	
Change in Net Assets	(1,665,402)	1,231,323	(2,896,72	
Debt Service Calculation				
Earnings From Operations	426,307	696,379		
System Development Charge	(61,675)	(103,639)		
Retiree COLA	56,100	52,000		
Interest/Investment Income	43,474	5,424		
Depreciation	2,291,485	2,309,061		
Plus withdrawals (deposits) to Rate Stabilization Fund	1,300,000	1,275,000		
Balance Available for Debt Service per Section 6.12	4,055,691	4,234,225		
Debt Service		050 017		
Principal	852,917	852,917		
Interest	2,400,140	2,400,140		
Total	3,253,056	3,253,056		
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.25	1.30		
Debt Service Coverage (1.30X) (PUC)	1.25	1.30		

\*Interim budget

# GUAM WATERWORKS AUTHORITY Statement of Operations and Retained Earnings Comparative for the period ending October 31, 2022 and 2021

SCHEDULE C

Comparative for the period ending Octo					
	Month to Actual (Unaudited)	Date Actual (Unaudited)	Variance Increase /		
	October-22	October-21	(Decrease)		
OPERATING REVENUES			( ,		
Water Revenues	5,500,722	5,307,696	193,025		
Wastewater Revenues	2,938,979	2,567,600	371,379 9,583		
Legislative Surcharge Other Revenues	249,413 29,771	239,829 36,512	(6,740)		
System Development Charge	61,675	14,104	47,571		
Total Operating Revenues	8,780,560	8,165,741	614,819		
OPERATING AND MAINTENANCE EXPENSES					
Water Purchases Power Purchases	536,480	500,000	36,480		
Total Utility Costs	2,325,422 2,861,902	1,312,892 1,812,892	1,012,530 1,049,010		
Total outily doold	2,001,002	1,012,002	1,040,010		
Salaries and Wages	1,504,309	1,485,059	19,250		
Pension and Benefits	599,054	579,281	19,774		
Total Salaries and Benefits	2,103,363	2,064,340	39,023		
Capitalized Labor and Benefits  Net Salaries and Benefits	(228,086) 1,875,277	(333,000) 1,731,340	104,914 143,938		
Administrative and General Expenses	1,013,211	1,731,340	143,930		
Sludge removal	42,076	54,403	(12,327)		
Chemicals	110,455	107,860	2,596		
Materials & Supplies	79,451	97,638	(18,187)		
Transportation	35,335	71,038	(35,703)		
Communications	4,566	6,272	(1,706)		
Claims Insurance	- 147,927	18,173 79,937	(18,173) 67,990		
Training & Travel	40,481	3,007	37,474		
Advertising	1,200	2,700	(1,500)		
Miscellaneous	101,948	99,084	2,864		
Regulatory Expense	7,667	15,236	(7,569)		
Bad Debts Provision	173,782	154,407	19,375		
Total Administrative and General Expense		709,753	35,134		
Depreciation Expense Contractual Expense	2,291,485	2,252,625	38,860		
Audit & Computer Maintenance	111,219	58,968	52,251		
Building rental	48,915	41,479	7,436		
Equipment rental	19,347	41,757	(22,410)		
Legal	-	-	<del>.</del>		
Laboratory	702	14,813	(14,111)		
Other Total Contractual Expense	112,227 292,410	75,040 232,058	37,187 60,353		
Retiree Supp. Annuities and health care costs	232,191	193,725	38,466		
Contribution to Government of Guam	56,100	51,833	4,267		
Total Retiree Benefits	288,291	245,558	42,733		
Total Operating Expenses	8,354,253	6,984,226	1,370,027		
Earnings (Loss) from Operations	426,307	1,181,515	(755,208)		
Interest Income - 2010/13/14/16/17/20 Series Bond Interest Income - Other Funds	339,589 43,474	2,617 839	336,972 42,635		
Interest Income - SDC	(3,412)	254	(3,666)		
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,400,140)	(2,441,367)	41,227		
Federal Expenditures	(25,000)	-	(25,000)		
Loss on Asset Disposal	-	-	-		
Amortization of Discount, Premium and Issuance Costs	124,228	156,349	(32,121)		
Defeasance due to bond refunding	(170,449)	(171,399)	949		
Prior Year Adjustment Total non-operating revenues (expenses)	(2,091,710)	(339)	339 361,334		
Net Income (Loss) before capital contributions	(1,665,402)	(1,271,529)	(393,873)		
Capital Contributions	( , , , , , ,	( , , , , , , , , , , , , , , , , , , ,	(,,		
Grants from US Government	-	72,633	(72,633)		
Grants from GovGuam & Others		<u> </u>	<u> </u>		
Total Capital Contributions Change in Net Assets	(1,665,402)	72,633 (1,198,896)	(72,633) (466,507)		
Change in Net Assets	(1,003,402)	(1,190,090)	(400,307)		
Debt Service Calculation	100.007	4 404 545			
Earnings From Operations System Development Charge	426,307 (61,675)	1,181,515 (14,104)			
Retiree COLA	56,100	51,833			
Interest/Investment Income	43,474	839			
Depreciation	2,291,485	2,252,625			
Plus withdrawals (deposits) to Rate Stabilization Fund	1,300,000	<u> </u>			
Balance Available for Debt Service per Section 6.12	4,055,691	3,472,709			
Debt Service	050.047	040.000			
Principal Interest	852,917 2,400,140	812,083 1,976,089			
Total	3,253,056	2,788,172			
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.25	1.25			
Debt Service Coverage (1.30X) (PUC)	1.25	1.25			

# GUAM WATERWORKS AUTHORITY Statement of Operations and Retained Earnings Comparative Budget vs. Actual for the period ending October 31, 2022

SCHEDULE D

		Mantanaa	
	Year to I Actual (Unaudited)	Date Budget*	Variance Favorable /
	October-22	October-22	(Unfavorable)
OPERATING REVENUES			
Water Revenues	5,500,722	5,711,790	(211,068)
Wastewater Revenues Legislative Surcharge	2,938,979 249,413	2,926,168 259,220	12,812 (9,807)
Other Revenues	29,771	42,563	(12,792)
System Development Charge	61,675	103,639	(41,964)
Total Operating Revenues	8,780,560	9,043,380	(262,820)
OPERATING AND MAINTENANCE EXPENSES	,		<u> </u>
Water Purchases	536,480	550,510	14,030
Power Purchases	2,325,422	1,800,000	(525,422)
Total Utility Costs	2,861,902	2,350,510	(511,392)
Salaries and Wages	1,504,309	1,702,220	197,911
Pension and Benefits	599,054	630,750	31,695
Total Salaries and Benefits	2,103,363	2,332,970	229,607
Capitalized Labor and Benefits	(228,086)	(272,899)	(44,813)
Net Salaries and Benefits	1,875,277	2,060,071	184,793
Administrative and General Expenses			
Sludge removal	42,076	73,667	31,591
Chemicals	110,455	149,392	38,937
Materials & Supplies Transportation	79,451	151,794	72,344
Communications	35,335 4,566	56,758 12,911	21,423 8,344
Claims	4,300	27,051	27,051
Insurance	147,927	151,327	3,401
Training & Travel	40,481	12,649	(27,832)
Advertising	1,200	3,788	2,588
Miscellaneous	101,948	106,853	4,906
Regulatory Expense	7,667	36,381	28,715
Bad Debts Provision	173,782	167,165	(6,617)
Total Administrative and General Expense	744,887	949,737	204,850
Depreciation Expense	2,291,485	2,309,061	17,576
Contractual Expense	444.040	442.002	24 704
Audit & Computer Maintenance Building rental	111,219 48,915	143,003 42,503	31,784 (6,412)
Equipment rental	19,347	33,227	13,880
Legal	-	21,865	21,865
Laboratory	702	41,336	40,634
Other	112,227	124,547	12,320
Total Contractual Expense	292,410	406,481	114,071
Retiree Supp. Annuities and health care costs	232,191	219,142	(13,049)
Contribution to Government of Guam	56,100	52,000	(4,100)
Total Retiree Benefits	288,291	271,142	(17,149)
Total Operating Expenses	8,354,253	8,347,001	(7,252)
Earnings (Loss) from Operations	426,307	696,379	(270,072)
Interest Income - 2010/13/14/16/17/20 Series Bond Interest Income - Other Funds	339,589 43,474	18,957 5,424	320,632 38,049
Interest Income - SDC	(3,412)	445	(3,856)
Interest Income - 3DC Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,400,140)	(2,400,140)	(3,030)
Federal Expenditures	(25,000)	(2,100,110)	(25,000)
Loss on Asset Disposal	(20,000)	(2,932)	2,932
Amortization of Discount, Premium and Issuance Costs	124,228	156,349	(32,121)
Defeasance due to bond refunding	(170,449)	(210,868)	40,418
Prior Year Adjustment		-	-
Total non-operating revenues (expenses)	(2,091,710)	(2,432,765)	341,055
Net Income (Loss) before capital contributions	(1,665,402)	(1,736,386)	70,983
Capital Contributions Grants from US Government	_	2,967,709	(2,967,709)
Grants from GovGuam & Others	-	2,507,705	(2,307,703)
Total Capital Contributions	_	2,967,709	(2,967,709)
Change in Net Assets	(1,665,402)	1,231,323	(2,896,726)
Debt Service Calculation			
Earnings From Operations	426,307	696,379	
System Development Charge	(61,675)	(103,639)	
Retiree COLA	56,100	52,000	
Interest/Investment Income	43,474	5,424	
Depreciation	2,291,485	2,309,061	
Plus withdrawals (deposits) to Rate Stabilization Fund	1,300,000	1,275,000	
Balance Available for Debt Service per Section 6.12	4,055,691	4,234,225	
Debt Service	252.245	250 24=	
Principal	852,917	852,917	
Interest Total	2,400,140 3,253,056	2,400,140 3,253,056	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	3,253,056	1.30	
Debt Service Coverage (1.25X) - per Section 6.12 (indenture)  Debt Service Coverage (1.30X) (PUC)	1.25	1.30	
	1.20	1.50	

\*Interim budget

GUAM WATERWORKS AUTHORITY Statement of Operations and Retained Earnings Comparative for the period ending October 31, 2022 and 2021

SCHEDULE E

Comparative for the period ending C	Clober 31, 2022 and 202	SCHEDULE E	
	Year to		Variance
	Actual (Unaudited) October-22	Actual (Unaudited) October-21	Increase / (Decrease)
OPERATING REVENUES	October-22	October-21	(Decrease)
Water Revenues	5,500,722	5,307,696	193,025
Wastewater Revenues	2,938,979	2,567,600	371,379
Legislative Surcharge	249,413	239,829	9,583
Other Revenues	29,771	36,512	(6,740)
System Development Charge Total Operating Revenues	61,675 8,780,560	14,104 8,165,741	47,571 614,819
OPERATING AND MAINTENANCE EXPENSES	6,760,300	0,100,741	014,019
Water Purchases	536,480	500,000	36,480
Power Purchases	2,325,422	1,312,892	1,012,530
Total Utility Costs	2,861,902	1,812,892	1,049,010
Salaries and Wages	1,504,309	1,485,059	19,250
Pension and Benefits	599,054	579,281	19,774
Total Salaries and Benefits	2,103,363	2,064,340	39,023
Capitalized Labor and Benefits  Net Salaries and Benefits	(228,086) 1,875,277	(333,000) 1,731,340	104,914 143,938
Administrative and General Expenses	1,070,277	1,731,340	143,930
Sludge removal	42,076	54,403	(12,327)
Chemicals	110,455	107,860	2,596
Materials & Supplies	79,451	97,638	(18,187)
Transportation	35,335	71,038	(35,703)
Communications	4,566	6,272	(1,706)
Claims	-	18,173	(18,173)
Insurance	147,927	79,937	67,990
Training & Travel	40,481	3,007	37,474
Advertising	1,200	2,700	(1,500)
Miscellaneous	101,948	99,084	2,864
Regulatory Expense	7,667	15,236	(7,569)
Bad Debts Provision  Total Administrative and General Expense	173,782 744,887	154,407 709,753	19,375 35,134
Depreciation Expense	2,291,485	2,252,625	38,860
Contractual Expense	2,231,400	2,202,020	30,000
Audit & Computer Maintenance	111,219	58,968	52,251
Building rental	48,915	41,479	7,436
Equipment rental	19,347	41,757	(22,410)
Legal	-	-	-
Laboratory	702	14,813	(14,111)
Other	112,227	75,040	37,187
Total Contractual Expense	292,410	232,058	60,353
Retiree Supp. Annuities and health care costs	232,191	193,725	38,466
Contribution to Government of Guam	56,100	51,833	4,267
Total Retiree Benefits  Total Operating Expenses	288,291 8,354,253	245,558 6,984,226	42,733 1,370,027
Earnings (Loss) from Operations	426,307	1,181,515	(755,208)
Interest Income - 2010/13/14/16/17/20 Series Bond	339.589	2,617	336.972
Interest Income - Other Funds	43,474	839	42,635
Interest Income - SDC	(3,412)	254	(3,666)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,400,140)	(2,441,367)	41,227
Federal Expenditures	(25,000)	- '	(25,000)
Loss on Asset Disposal	-	-	-
Amortization of Discount, Premium and Issuance Cos	124,228	156,349	(32,121)
Defeasance due to bond refunding	(170,449)	(171,399)	949
Prior Year Adjustment	(0.004.740)	(339)	339 361.334
Total non-operating revenues (expenses)  Net Income (Loss) before capital contributions	(2,091,710) (1,665,402)	(2,453,044) (1,271,529)	(393,873)
Capital Contributions	(1,005,402)	(1,271,329)	(393,673)
Grants from US Government	_	72,633	(72,633)
Grants from GovGuam & Others	-	-	(12,000)
Total Capital Contributions	-	72,633	(72,633)
Change in Net Assets	(1,665,402)	(1,198,896)	(466,507)
•		-	
Debt Service Calculation			
Earnings From Operations	426,307	1,181,515	
System Development Charge	(61,675)	(14,104)	
Retiree COLA	56,100	51,833	
Interest/Investment Income	43,474	839	
Depreciation Fund	2,291,485 1,300,000	2,252,625	
Balance Available for Debt Service per Section 6.12	4,055,691	3,472,709	
Debt Service	-1,000,00 I	0,712,100	
Principal	852,917	812,083	
Interest	2,400,140	1,976,089	
Intorest			
Total	3,253,056	2,788,172	
	3,253,056 1.25 1.25	2,788,172 1.25 1.25	

# SCHEDULE F

Statement of Cash Flows (Unaudited)         YTD Oct-22           FY2023         Cont-22           Cash flows from operating activities:         (14,275,100)           Cash received from trade and others         (20,58,981)           Cash payments to suppliers/contractors for goods and services         (2,298,411)           Net cash provided by operating activities         3,485,440           Cash flows from capital and related financing activities:           Contributed capital and related financing activities           Cash flows from capital and related financing activities         (2,261,806)           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (51,387)           Net cash provided by (used in) capital and related financing activities           Net cash provided by investing activities           Net cash provided by investing activities           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:           Operating Income (loss)	Guam Waterworks Authority	
Cash flows from operating activities: Cash received from trade and others Cash payments to suppliers/contractors for goods and services Cash payments to employees for services Cash flows from capital and related financing activities: Contributed capital received (grants) Acquisition of utility plant Cash flows from Lagaba from the cash growth and growth and the cash growth and the ca	Statement of Cash Flows (Unaudited)	YTD
Cash received from trade and others         (14,275,100)           Cash payments to suppliers/contractors for goods and services         20,588,981           Cash payments to employees for services         (2,298,441)           Net cash provided by operating activities         3,485,440           Cash flows from capital and related financing activities:         2,261,806           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         46,221           Interest sepense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:         (1,728,785)           Transfers from (to) restricted fund         (1,728,785)           Interest income received         379,651           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits </th <th>FY2023</th> <th>Oct-22</th>	FY2023	Oct-22
Cash received from trade and others         (14,275,100)           Cash payments to suppliers/contractors for goods and services         20,058,981           Cash payments to employees for services         (2,298,441)           Net cash provided by operating activities         3,485,440           Cash flows from capital and related financing activities:         2,261,806           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:         (1,728,785)           Transfers from (to) restricted fund         (1,728,785)           Interest income received         379,651           Net cash provided by investing activities         (1,349,134)           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2,291,485           Departing Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor an		
Cash payments to suppliers/contractors for goods and services Cash payments to employees for services Cash payments to employees for services Recard flows from capital and related financing activities:  Contributed capital received (grants) Contributed capital received (grants) Cash flows from capital and related financing activities: Contributed capital received (grants) Cash flows from capital and related financing activities: Contributed capital received (grants) Cash gramment of Long Term Debt Acquisition of Utility plant Repayment of Long Term Debt Retash provided by (used in) capital and related financing activities Cash flows from investing activities: Transfers from (to) restricted fund Interest income received 379,651 Net cash provided by investing activities  Unrestricted cash at beginning of the period 33,173,824 Unrestricted cash at beginning of the period 33,173,824 Unrestricted cash at end of period 33,173,824 Unrestricted cash at end of period 426,307 Adjustments to reconcile to net cash provided by operating activities: Depreciation expense Bad debts (recovery) 173,782 Capitalized labor and benefits Recovery of provision for inventory obsolescense Non-cash pension costs (Increase) decrease in assets: Accounts receivable (22,845,270) Materials and supplies inventory (439,656) Prepaid expenses Accounts payable Regulatory Assets (230,730) Increase (decrease) in liabilities: Accounts payable Accrued payroll and employee benefits 23,631,766 Customer deposits 23,631,768	Cash flows from operating activities:	
Cash payments to employees for services  Net cash provided by operating activities  Contributed capital received (grants)  Acquisition of utility plant  Repayment of Long Term Debt Interest expense  (71,221)  Net cash provided by (used in) capital and related financing activities  Cash flows from investing activities:  Transfers from (to) restricted fund Interest income received Interest expense  Unrestricted cash at beginning of the period  Toperating lactivities  Unrestricted cash at beginning of the period  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense  Bad debts (recovery)  Capitalized labor and benefits  Recovery of provision for inventory obsolescense  Non-cash pension costs  (Increase) decrease in assets:  Accounts receivable  Accounts payable  Accrued payroll and employee benefits  Customer deposits  Accrued payroll and employee benefits  Accrued payroll and employee benefits  Cash flows from untilities:  Accrued payroll and employee benefits  Accrued payroll and employee benefits  Cash accrued payroll and employee benefits  Accrued payroll and employee benefits  Cash accr	Cash received from trade and others	(14,275,100)
Net cash provided by operating activities         Cash flows from capital and related financing activities:       2.261,806         Contributed capital received (grants)       2.261,806         Acquisition of utility plant       (2,856,684)         Repayment of Long Term Debt       46,221         Interest expense       (71,221)         Net cash provided by (used in) capital and related financing activities       (619,878)         Cash flows from investing activities:         Transfers from (to) restricted fund       (1,728,785)         Interest income received       379,651         Net cash provided by investing activities       (1,349,134)         Net increase (decrease) in cash       1,516,428         Unrestricted cash at beginning of the period       33,173,824         Unrestricted cash at end of period       34,690,252         Reconciliation of operating loss to net cash provided by operating activities:         Operating Income (loss)       426,307         Adjustments to reconcile to net cash provided by operating activities:         Depreciation expense       2,291,485         Bad debts (recovery)       173,782         Capitalized labor and benefits       (228,086)         Recovery of provision for inventory obsolescense       - <td>Cash payments to suppliers/contractors for goods and services</td> <td>20,058,981</td>	Cash payments to suppliers/contractors for goods and services	20,058,981
Cash flows from capital and related financing activities:  Contributed capital received (grants) 2,261,806 Acquisition of utility plant (2,856,684) Repayment of Long Term Debt 46,221 Interest expense (71,221) Net cash provided by (used in) capital and related financing activities (619,878)  Cash flows from investing activities:  Transfers from (to) restricted fund (1,728,785) Interest income received 379,651 Net cash provided by investing activities (1,349,134)  Net increase (decrease) in cash 1,516,428 Unrestricted cash at beginning of the period 33,173,824  Unrestricted cash at end of period 34,690,252  Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss) 426,307  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485 Bad debts (recovery) 173,782 Capitalized labor and benefits (228,086) Recovery of provision for inventory obsolescense Non-cash pension costs (Increase) decrease in assets:  Accounts receivable (22,845,270) Materials and supplies inventory (39,656) Prepaid expenses (1,497,649) Regulatory Assets (230,730)  Increase (decrease) in liabilities:  Accounts payable 2,089,938 Accrued payroll and employee benefits 93,213 Customer deposits 23,631,766	Cash payments to employees for services	(2,298,441)
Contributed capital received (grants)         2,261,806           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         (46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:         (1,728,785)           Transfers from (to) restricted fund         (1,728,785)           Interest income received         379,651           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         (22,845,270)           Accounts receivab	Net cash provided by operating activities	3,485,440
Contributed capital received (grants)         2,261,806           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:         (1,728,785)           Transfers from (to) restricted fund         (1,349,134)           Net cash provided by investing activities         (1,349,134)           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         (22,845,270)           <		
Contributed capital received (grants)         2,261,806           Acquisition of utility plant         (2,856,684)           Repayment of Long Term Debt         46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:         (1,728,785)           Transfers from (to) restricted fund         (1,349,134)           Net cash provided by investing activities         (1,349,134)           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         (22,845,270)           <	Cash flows from capital and related financing activities:	
Acquisition of utility plant Repayment of Long Term Debt Repayment of Long Term Debt Interest expense (71,221) Net cash provided by (used in) capital and related financing activities  Cash flows from investing activities:  Transfers from (to) restricted fund (1,728,785) Interest income received 379,651 Net cash provided by investing activities (1,349,134)  Net increase (decrease) in cash Unrestricted cash at beginning of the period 33,173,824  Unrestricted cash at end of period 34,690,252  Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss) Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense Bad debts (recovery) Capitalized labor and benefits Recovery of provision for inventory obsolescense Non-cash pension costs (Increase) decrease in assets: Accounts receivable Accounts receivable Regulatory Assets Regulatory Assets Regulatory Assets Regulatory Assets Accounts payable Accrued payroll and employee benefits Question	· · · · · · · · · · · · · · · · · · ·	2 261 806
Repayment of Long Term Debt         46,221           Interest expense         (71,221)           Net cash provided by (used in) capital and related financing activities         (619,878)           Cash flows from investing activities:           Transfers from (to) restricted fund         (1,728,785)           Interest income received         379,651           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         -           (Increase) decrease in assets:         -           Accounts receivable         (22,845,270)           Materials and supplies inventory         (439,656)		
Interest expense (71,221)  Net cash provided by (used in) capital and related financing activities (619,878)  Cash flows from investing activities:  Transfers from (to) restricted fund (1,728,785) Interest income received 379,651  Net cash provided by investing activities (1,349,134)  Net increase (decrease) in cash 1,516,428  Unrestricted cash at beginning of the period 33,173,824  Unrestricted cash at end of period 34,690,252  Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss) 426,307  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485  Bad debts (recovery) 173,782  Capitalized labor and benefits (228,086)  Recovery of provision for inventory obsolescense Non-cash pension costs (Increase) decrease in assets:  Accounts receivable (22,845,270)  Materials and supplies inventory (439,656)  Prepaid expenses (1,497,649)  Regulatory Assets (230,730)  Increase (decrease) in liabilities:  Accounts payable 2,089,938  Accrued payroll and employee benefits 93,213  Customer deposits 23,631,766  Other liabilities 23,631,766  Customer deposits 23,631,766  Other liabilities 23,631,766		
Net cash provided by (used in) capital and related financing activities       (619,878)         Cash flows from investing activities:       (1,728,785)         Transfers from (to) restricted fund       (1,349,134)         Net cash provided by investing activities       (1,349,134)         Net increase (decrease) in cash       1,516,428         Unrestricted cash at beginning of the period       33,173,824         Unrestricted cash at end of period       34,690,252         Reconciliation of operating loss to net cash provided by operating activities:       2         Operating Income (loss)       426,307         Adjustments to reconcile to net cash provided by operating activities:       2,291,485         Bad debts (recovery)       173,782         Capitalized labor and benefits       (228,086)         Recovery of provision for inventory obsolescense       -         Non-cash pension costs       -         (Increase) decrease in assets:       (22,845,270)         Accounts receivable       (22,845,270)         Materials and supplies inventory       (439,656)         Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll an		
Cash flows from investing activities: Transfers from (to) restricted fund Interest income received 379,651 Net cash provided by investing activities Interest income received Ret cash provided by investing activities Interest income received Interest income received Ret cash provided by investing activities Interest (decrease) in cash Interest income (loss) Interestricted cash at end of period Interestricted cash at end o		
Transfers from (to) restricted fund         (1,728,785)           Interest income received         379,651           Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:         2           Operating Income (loss)         426,307           Adjustments to reconcile to net cash provided by operating activities:         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         -           Accounts receivable         (22,845,270)           Materials and supplies inventory         (439,656)           Prepaid expenses         (1,497,649)           Regulatory Assets         (230,730)           Increase (decrease) in liabilities:         2,089,938           Accounts payable         2,089,938           Accourded payroll and employee benefits         20,340           Other	. , , , .	
Interest income received   379,651     Net cash provided by investing activities   (1,349,134)     Net increase (decrease) in cash   1,516,428     Unrestricted cash at beginning of the period   33,173,824     Unrestricted cash at end of period   34,690,252     Reconciliation of operating loss to net cash provided by operating activities:	<del>-</del>	(4.700.705)
Net cash provided by investing activities         (1,349,134)           Net increase (decrease) in cash         1,516,428           Unrestricted cash at beginning of the period         33,173,824           Unrestricted cash at end of period         34,690,252           Reconciliation of operating loss to net cash provided by operating activities:	` '	
Net increase (decrease) in cash  Unrestricted cash at beginning of the period  33,173,824  Unrestricted cash at end of period  Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss)  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense  Bad debts (recovery)  Capitalized labor and benefits  Recovery of provision for inventory obsolescense  Non-cash pension costs  (Increase) decrease in assets:  Accounts receivable  Accounts receivable  Prepaid expenses  (22,845,270)  Materials and supplies inventory  Regulatory Assets  (230,730)  Increase (decrease) in liabilities:  Accounts payable  Accounts payable  Account payable  Account payable  Customer deposits  Other liabilities  23,631,766		
Unrestricted cash at beginning of the period  33,173,824  Unrestricted cash at end of period  Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss)  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense  Bad debts (recovery)  Capitalized labor and benefits  Recovery of provision for inventory obsolescense  Non-cash pension costs (Increase) decrease in assets:  Accounts receivable  Accounts receivable  Regulatory Assets  (22,845,270)  Materials and supplies inventory  Regulatory Assets  (230,730)  Increase (decrease) in liabilities:  Accounts payable  Accounts payable  Accounts payable  Account deposits  Other liabilities  23,631,766	Net cash provided by investing activities	(1,349,134)
Unrestricted cash at end of period34,690,252Reconciliation of operating loss to net cash provided by operating activities:426,307Operating Income (loss)426,307Adjustments to reconcile to net cash provided by operating activities:2,291,485Bad debts (recovery)173,782Capitalized labor and benefits(228,086)Recovery of provision for inventory obsolescense-Non-cash pension costs-(Increase) decrease in assets:(22,845,270)Materials and supplies inventory(439,656)Prepaid expenses(1,497,649)Regulatory Assets(230,730)Increase (decrease) in liabilities:2,089,938Accounts payable2,089,938Accrued payroll and employee benefits93,213Customer deposits20,340Other liabilities23,631,766	Net increase (decrease) in cash	1,516,428
Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss)  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485  Bad debts (recovery) 173,782  Capitalized labor and benefits (228,086)  Recovery of provision for inventory obsolescense - Non-cash pension costs -  (Increase) decrease in assets:  Accounts receivable (22,845,270)  Materials and supplies inventory (439,656)  Prepaid expenses (1,497,649)  Regulatory Assets (230,730)  Increase (decrease) in liabilities:  Accounts payable 2,089,938  Accrued payroll and employee benefits 93,213  Customer deposits 20,340  Other liabilities	Unrestricted cash at beginning of the period	33,173,824
Reconciliation of operating loss to net cash provided by operating activities:  Operating Income (loss)  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485  Bad debts (recovery) 173,782  Capitalized labor and benefits (228,086)  Recovery of provision for inventory obsolescense - Non-cash pension costs -  (Increase) decrease in assets:  Accounts receivable (22,845,270)  Materials and supplies inventory (439,656)  Prepaid expenses (1,497,649)  Regulatory Assets (230,730)  Increase (decrease) in liabilities:  Accounts payable 2,089,938  Accrued payroll and employee benefits 93,213  Customer deposits 20,340  Other liabilities	Unrestricted cash at end of period	34,690,252
Operating Income (loss)  Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense Bad debts (recovery) Capitalized labor and benefits Recovery of provision for inventory obsolescense Non-cash pension costs (Increase) decrease in assets:  Accounts receivable Accounts receivable Prepaid expenses Prepaid expenses (1,497,649) Regulatory Assets (228,730) Increase (decrease) in liabilities: Accounts payable Accrued payroll and employee benefits Customer deposits Other liabilities  23,631,766	·	
Operating Income (loss)426,307Adjustments to reconcile to net cash provided by operating activities:2,291,485Depreciation expense2,291,485Bad debts (recovery)173,782Capitalized labor and benefits(228,086)Recovery of provision for inventory obsolescense-Non-cash pension costs-(Increase) decrease in assets:(22,845,270)Accounts receivable(22,845,270)Materials and supplies inventory(439,656)Prepaid expenses(1,497,649)Regulatory Assets(230,730)Increase (decrease) in liabilities:(230,730)Accounts payable2,089,938Accrued payroll and employee benefits93,213Customer deposits20,340Other liabilities23,631,766		
Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485 Bad debts (recovery) 173,782 Capitalized labor and benefits (228,086) Recovery of provision for inventory obsolescense Non-cash pension costs - (Increase) decrease in assets: Accounts receivable (22,845,270) Materials and supplies inventory (439,656) Prepaid expenses (1,497,649) Regulatory Assets (230,730) Increase (decrease) in liabilities: Accounts payable 2,089,938 Accrued payroll and employee benefits 93,213 Customer deposits 20,340 Other liabilities 23,631,766	operating activities.	
Adjustments to reconcile to net cash provided by operating activities:  Depreciation expense 2,291,485 Bad debts (recovery) 173,782 Capitalized labor and benefits (228,086) Recovery of provision for inventory obsolescense Non-cash pension costs - (Increase) decrease in assets: Accounts receivable (22,845,270) Materials and supplies inventory (439,656) Prepaid expenses (1,497,649) Regulatory Assets (230,730) Increase (decrease) in liabilities: Accounts payable 2,089,938 Accrued payroll and employee benefits 93,213 Customer deposits 20,340 Other liabilities 23,631,766	Operating Income (loss)	426.307
Depreciation expense         2,291,485           Bad debts (recovery)         173,782           Capitalized labor and benefits         (228,086)           Recovery of provision for inventory obsolescense         -           Non-cash pension costs         -           (Increase) decrease in assets:         -           Accounts receivable         (22,845,270)           Materials and supplies inventory         (439,656)           Prepaid expenses         (1,497,649)           Regulatory Assets         (230,730)           Increase (decrease) in liabilities:         2,089,938           Accounts payable         2,089,938           Accrued payroll and employee benefits         93,213           Customer deposits         20,340           Other liabilities         23,631,766		.,
Bad debts (recovery)       173,782         Capitalized labor and benefits       (228,086)         Recovery of provision for inventory obsolescense       -         Non-cash pension costs       -         (Increase) decrease in assets:       (22,845,270)         Accounts receivable       (22,845,270)         Materials and supplies inventory       (439,656)         Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766		2.291.485
Capitalized labor and benefits       (228,086)         Recovery of provision for inventory obsolescense       -         Non-cash pension costs       -         (Increase) decrease in assets:       (22,845,270)         Accounts receivable       (22,845,270)         Materials and supplies inventory       (439,656)         Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766		
Recovery of provision for inventory obsolescense Non-cash pension costs  (Increase) decrease in assets:  Accounts receivable Accounts and supplies inventory (439,656) Prepaid expenses (1,497,649) Regulatory Assets (230,730) Increase (decrease) in liabilities: Accounts payable Accrued payroll and employee benefits Customer deposits Other liabilities  23,631,766	` ,	
Non-cash pension costs   -		-
(Increase) decrease in assets:       (22,845,270)         Accounts receivable       (22,845,270)         Materials and supplies inventory       (439,656)         Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766		-
Materials and supplies inventory       (439,656)         Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766		
Prepaid expenses       (1,497,649)         Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766	Accounts receivable	(22,845,270)
Regulatory Assets       (230,730)         Increase (decrease) in liabilities:       2,089,938         Accounts payable       2,089,938         Accrued payroll and employee benefits       93,213         Customer deposits       20,340         Other liabilities       23,631,766	Materials and supplies inventory	(439,656)
Increase (decrease) in liabilities:  Accounts payable Accrued payroll and employee benefits Customer deposits Other liabilities  2,089,938 93,213 20,340 20,340 23,631,766	Prepaid expenses	
Increase (decrease) in liabilities:  Accounts payable Accrued payroll and employee benefits Customer deposits Other liabilities  2,089,938 93,213 20,340 20,340 23,631,766		
Accounts payable 2,089,938 Accrued payroll and employee benefits 93,213 Customer deposits 20,340 Other liabilities 23,631,766		,
Accrued payroll and employee benefits 93,213 Customer deposits 20,340 Other liabilities 23,631,766		2,089,938
Customer deposits 20,340 Other liabilities 23,631,766		
		20,340
Net cash provided by operating activities 3,485,440		
	Net cash provided by operating activities	3,485,440

# GUAM WATERWORKS AUTHORITY Restricted and Unrestricted Cash Summary FY2023

SCHEDULE G

Description	Unaudited October 31, 2022	Unaudited September 30, 2022	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	=
Petty Cash	3,930	3,930	-
BOG Deposit Accounts	13,619,667	12,033,170	1,586,497
BOG O & M Reserve	13,939,727	13,915,501	24,226
BOG CapEx Fund	7,124,928	7,219,224	(94,296)
Sub-total Unrestricted	34,690,252	33,173,824	1,516,428
RESTRICTED			
ANZ Bank	793	693	100
Bank Pacific	15,974	13,774	2,200
Bank of Hawaii	293,888	191,163	102,725
Community First FCU	3,594	4,044	(451)
First Hawaiian Bank	49,322	88,820	(39,498)
Bank Pacific Surcharge	358,672	87,530	271,142
Bank Pacific Escrow Deposit	843,058	843,058	
BOG Customer Refunds	2,117,887	2,108,598	9,289
BOG Emergency Reserve Fund	6,246	6,246	(1)
BOG Sewer Hookup Revolving Fund	64,640	64,373	267
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG Revenue Trust	492,299	850,831	(358,532)
BOG Revenue Trust Fund	6,948,327	7,749,670	(801,343)
BOG Capital Improvement Revenue Fund	12,885,065	7,487,283	5,397,782
BOG Rate Stabilization Fund	5,650,000	5,650,000	-
	32,813,246	28,229,565	4,583,680
DOC 000 Damasit	4 705 004	4.450.400	000 004
BOG - SDC Deposit	1,765,224	1,158,420	606,804
BOG - SDC CDs	5,250,000	6,250,000	(1,000,000)
Total SDC	7,015,224	7,408,420	(393,196)
Total Restricted	39,828,470	35,637,985	4,190,484
Reserve Funds			
BOG Series 2013 Construction Fund	3,648,748	4,236,835	(588,087)
BOG Series 2016 Construction Fund	33,890,227	38,621,743	(4,731,516)
BOG Series 2017 Refunding Construction Fund	4,016,676	4,133,026	(116,350)
BOG Series 2020A Construction Fund	117,644,886	118,006,420	(361,534)
BOG Series 2020A Capitalized Interest Fund	-	1,245	(1,245)
Total Restricted - Held by Trustee	159,200,537	164,999,269	(5,798,732)
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	1,756,455	1,400,508	355,947
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Reserve Fund	10,370,630	9,700,178	670,452
USB Series 2016 Debt Service Fund	2,602,729	1,967,736	634,992
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	2,527,964	1,907,628	620,336
USB Series 2020A Debt Service Fund	2,241,053	1,678,906	562,147
USB Series 2020A Debt Service Reserve Fund	6,659,700	6,659,700	-
USB Series 2020B Debt Service Reserve Fund	1,969,333	1,476,176	493,158
Total Investments	72,741,225	69,404,193	3,337,032
Total Restricted and Unrestricted Cash	306,460,484	303,215,271	3,245,212

# Guam Waterworks Authority Accounts Receivable - Government (Active) October 31, 2022

SCHEDULE H

October 31, 2022				AGING			
Customer Name	No. of Accounts	Current	31 - 60 days		91 120 days	Over 120 days	Total
Autonomous Agencies (Active)	Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total
Guam Int'l Airport Authority	8	16,168	12,936	2,956	60	262,451	294,571
Guam Power Authority	25	129,283	55,019	-	-	-	184,302
Guam Housing & Urban Renewal Authority	10	5,643	1,133	_	-	_	6,776
Guam Solid Waste Authority	4	765	76	71	14	-	926
Port Authority of Guam	5	829	-	-	-	-	829
Guam Housing Corporation	1	40	-	-	-	-	40
Total Autonomous Agencies	53	152,728	69,164	3,028	74	262,451	487,444
Semi-Autonomous Agencies (Active)	3	43,210	20 024	24 242	26	12.020	130.240
Guam Memorial Hospital Authority University of Guam	48	105,978	38,831 180	34,343	26	13,830	130,240
Guam Environmental Protection Agency	40 2	286	545	-	-	-	831
Total Semi-Autonomous Agencies	53	149,474	39,556	34,343	26	13,830	237,229
Total Selli-Autonomous Agencies		,	00,000	0.,0.0		.0,000	
Line Agencies (Active)							
Department of Education	52	515,846	475,155	12,837	-	_	1,003,838
Department of Chamorro Affairs	7	59,207	43,794	21,081	-	-	124,081
Department of Corrections	9	78,790	-	-	-	-	78,790
Department of Public Works	10	16,399	17,355	14,709	5,348	-	53,811
Department of Parks & Recreation	15	21,313	687	-	-	-	22,001
Department of Military Affairs/GUARNG	1	3,706	2,302	3,426	-	-	9,434
Department of Agriculture	7	4,370	4,049	26	1	-	8,445
Department of Public Health & Social Services	9	2,848	2,756	1,305	123	-	7,033
Guam Police Department	9	5,723	-	-	-	-	5,723
Guam Fire Department	11	4,008	1,238	9	-	-	5,255
Department of Mental Health and Substance	4	2,768	1,546	-	-	-	4,314
Office of The Governor	2	4,073	-	-	-	-	4,073
Guam Public Library	6	505	523	117	-	-	1,145
Guam Veterans Affairs Office	2 1	1,070 381	- 412	-	-	-	1,070
Guam Homeland Security/Civil Defense Department of Youth Affairs	3	508	112	-	-	-	793 621
Guam Visitors Bureau	2	498	- 112	-	-	-	498
Department of Administration	3	235	116	118			470
Department of Customs & Quarantine	1	451	-	-	-	_	451
Office of Technology	1	184	168	_	_	_	352
Guam Energy Office	1	181	-	_	-	-	181
3, 1							-
Total Line Agencies	156	723,064	550,215	53,628	5,472	-	1,332,379
Other Government of Guam Entities (Active)							
Mayors Council of Guam	62	12,084	456	_	_	_	12,540
Merizo Mayor	1	232	111	-	-	_	343
Agat Mayor's Office	1	195	-	-	-	-	195
The Office of the Dededo Mayor	1	171	-	-	-	-	171
							-
Total Other Government of Guam Entities	65	12,682	568	-	-	-	13,250
Total as of October 31, 2022 (Active)	327	1,037,948	659,503	90,998	5,572	276,281	2,070,302

Guam Waterworks Authority Accounts Receivable - Government (Inactive) 78

42

#### **GUAM WATERWORKS AUTHORITY**

Accounts Receivable Aging Summary by Rate Class

As of October 31, 2022

#### ACTIVE AND INACTIVE

				AGIN	I G			
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
Government	436	\$25,632,629	\$ 728,403	\$ 90,998	\$ 5,885	\$ 537,262	\$ 26,995,177	63%
Agriculture	424	24,491	5,882	2,260	1,274	31,988	65,895	0%
Commercial I	2,668	1,432,519	156,789	82,767	55,127	503,993	2,231,195	5%
Commercial II	34	246,285	6,808	332	300	5,342	259,068	1%
Commercial III	291	481,069	37,216	38,741	22,778	295,194	874,998	2%
Golf Course	16	5,058	-	-	-	-	5,058	0%
Hotel	55	1,370,779	229,577	33,573	25,227	756,808	2,415,964	6%
Irrigation	34	2,707	293	186	301	5,207	8,695	0%
Residential	47,388	3,790,128	739,462	419,207	276,309	4,962,897	10,188,002	24%
	51,346	32,985,665	1,904,431	668,064	387,202	7,098,691	43,044,052	100%
		770/	40/	20/	10/	169/		

Less Allowance for Doubtful Accounts: (9,928,539)
Net Accounts Receivable: 33,115,513

Days Receivables Outstanding

#### As of September 30, 2022

				AGIN	I G			
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
Government	439	\$ 2,095,753	\$ 467,029	\$ 225,177	\$ 10,368	\$ 1,145,152	\$ 3,943,479	20%
Agriculture	415	28,786	4,779	2,022	1,195	32,128	68,910	0%
Commercial I	2,660	1,428,442	84,073	61,855	41,390	516,911	2,132,671	11%
Commercial II	34	240,029	378	300	90	5,252	246,049	1%
Commercial III	295	471,150	28,003	26,606	22,172	332,372	880,303	4%
Golf Course	16	7,479	-	-	-	-	7,479	0%
Hotel	56	1,590,255	35,030	37,908	19,256	291,196	1,973,645	10%
Irrigation	44	2,898	297	301	1,389	16,299	21,186	0%
Residential	47,330	4,527,061	801,133	477,357	261,566	4,830,770	10,897,887	54%
	51,289	10,391,853	1,420,722	831,527	357,427	7,170,080	20,171,609	100%
		52%	7%	10/-	20/-	36%		

Less Allowance for Doubtful Accounts: (9,753,074)
Net Accounts Receivable: 10,418,535

Days Receivables Outstanding

#### ACTIVE ONLY

				AGING				
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
Government	436	\$ 25,632,629	\$ 728,403	\$ 90,998	\$ 5,885	\$ 537,262	\$ 26,995,177	70%
Agriculture	402	24,377	5,715	2,163	1,259	5,065	38,578	0%
Commercial I	2,528	1,430,372	152,449	80,782	48,839	273,803	1,986,244	5%
Commercial II	34	246,285	6,808	332	300	5,342	259,068	1%
Commercial III	281	481,069	37,216	38,741	22,778	248,165	827,969	2%
Golf Course	16	5,058	-	-	-	-	5,058	0%
Hotel	54	1,370,779	229,577	33,573	25,227	285,990	1,945,146	5%
Irrigation	33	2,707	293	186	301	3,912	7,400	0%
Residential	40,178	3,682,634	688,985	356,222	218,808	1,493,743	6,440,392	17%
	43,962	32,875,910	1,849,447	602,996	323,398	2,853,282	38,505,033	100%
		85%	5%	2%	1%	7%		

Less Allowance for Doubtful Accounts: (9,928,539)
Net Accounts Receivable: 28,576,494

SCHEDULE I

#### As of September 30, 2022

·				AGING					
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	9	91 - 120 days	Over 120 days	Total	
Government	434	\$ 2,095,753	\$ 466,969	\$ 225,177	\$	10,368	\$ 537,809	\$ 3,336,076	22%
Agriculture	393	28,725	4,759	2,007		1,195	4,990	41,677	0%
Commercial I	2,506	1,423,538	83,818	57,252		40,835	303,458	1,908,901	13%
Commercial II	34	240,029	378	300		90	5,252	246,049	2%
Commercial III	284	471,150	28,003	26,606		22,107	285,302	833,168	6%
Golf Course	16	7,479	-	-		-	-	7,479	0%
Hotel	55	1,590,255	35,030	37,908		19,256	289,901	1,972,350	13%
Irrigation	33	2,898	297	301		1,389	2,523	7,409	0%
Residential	40,225	3,918,258	681,328	359,315		200,366	1,544,791	6,704,058	45%
	43,980	9,778,085 65%	1,300,583 9%	708,867 5%		295,607 2%	2,974,025 20%	15,057,166	100%

Less Allowance for Doubtful Accounts: (9,753,074)
Net Accounts Receivable: 5,304,093

# GUAM WATERWORKS AUTHORITY Accounts Payable Aging

# SCHEDULE J

As of	AGING											
		Current	3	1 - 60 Days		61 - 90 Days	Ç	91 - 120 Days		> 120 Days	Total	Days Payable Outstanding
October 31, 2022	\$	5,525,396 89%	\$	402,902 6%		85,864 1%	\$	16,958 0%		182,881 3%	\$ 6,214,001 100%	41
September 30, 2022	\$	1,390,262 32%	\$	2,462,756 57%		95,002 2%	\$	60,215 1%		277,633 6%	\$ 4,285,868 100%	31
August 31, 2022	\$	2,786,058 55%	\$	1,968,479 39%		77,625 2%	\$	22,532 0%		211,534 4%	\$ 5,066,229 100%	36

# GUAM WATERWORKS AUTHORITY WATER DEMAND BY RATE CLASS FY2015 - FY2023

SCHEDULE K

					AUDITED				UNAUDITE	<u>D</u>
CL	ASS	FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	FY2020 TOTAL CONSUMPTION (kGal)	FY2021 TOTAL CONSUMPTION (kGal)	FY2022 CONSUMPTION (kGal)*	% Inc / (Dec.)
R	Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	3,712,723	3,622,617	3,450,574	-5%
С	Commercial	1,020,089	1,022,890	964,639	910,905	906,192	822,029	786,054	818,460	4%
F	Federal	1,168	1,180	2,508	1,813	1,602	1,338	2,069	1,389	-33%
G	Government	515,974	475,366	448,430	450,165	405,980	408,502	404,026	470,581	16%
Н	Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	714,161	448,034	462,757	3%
G	Golf	6,850	6,770	5,252	2,741	2,793	5,835	2,855	3,796	33%
Α	Agriculture	67,376	78,628	69,482	81,127	90,803	84,492	68,805	65,719	-4%
ı	Irrigation	10,385	11,351	10,143	8,504	7,896	8,654	5,404	4,888	-10%
	GRAND TOTAL	6,036,620	6,033,960	<u>5,711,790</u>	5,758,590	5,855,091	5,757,733	5,339,864	5,278,164	-1%

<sup>\*</sup>FY2022 is annualized for 9 months.

# Guam Waterworks Authority System Development Charges Project Status As of October 31, 2022

SCHEDULE L

**Funding Summary** 

Total available project funds	\$ 16,138,075
Total project expenditures and encumbrances	11,267,652
Total unobligated project funds	\$ 4,870,424

# **Projects Funded**

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,151,116	2,854	1,153,971
Central Guam Reservoirs	276,008	4,032	280,040
Line Replacement Phase IV	256,937	-	256,937
Northern District WWTP	4,646,340	1,653,369	6,299,709
Northern District WWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	74,641	593,869
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	113,543	37,664	151,207
	\$ 9,249,234	\$ 2,018,417	\$ 11,267,652

Future planned projects	FY	2023-2025
Water Distribution System Pipe Replacement & Upgrades Capacity Enhancement - Well Development and Construction Progra Well Repair Program		1,000,000 394,000 200,000
	\$	1,594,000



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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 <sup>th</sup> Ma	rket Perce	ntile (20	17 Mar	ket Da	ta – 5 Si	ub-Steps)				
	Structu	ıral Adjustı	ment- M	IN			Structura	l Adjus	tment- l	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



#### CONSOLIDATED COMMISSION ON UTILITIES

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

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

3 4 5

# 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

**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.

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.
27	
28	
29	
30	
31	
	2

2. The adoption of the proposed minimum and maximum range of compensation, in accordance with the Strategic Pay Methodology as follows: 2 20th Market Percentile (2017 Market Data - 5 Sub-Steps) Structural Adjustment- MIN Structural Adjustment- MIN Benchmark Position JE Points Base Salary Hourly Grade Sub-Step Base Salary Hourly Grade Sub-Step Step Step **Utility Board Secretary** 582 \$45,377.00 \$21.83 6 В \$47,219.00 \$22.70 7 В 3 3. Upon successful recruitment of the approved position, both GWA and GPA 4 shall equally compensate the individual hired. 4. The CCU authorizes the respective General Managers to remove existing 6 7 Board Recording Secretary from its CTP list of positions. 8 **RESOLVED**, that the Chairman certified, and the Board Secretary attests to the adoption 9 of this Resolution. 10 11 **DULY AND REGULARLY ADOPTED**, this 29<sup>th</sup> day of November 2022. 12 13 Certified by: Attested by: 14 15 16 **JOSEPH T. DUENAS** PEDRO ROY MARTINEZ 17 Chairperson Secretary 18 // 19 20 // 21 22 // 23 24 25 26 27

3

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	
6	The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular
7	meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally
8	held at a place properly noticed and advertised at which meeting a quorum was present and the
9	members who were present voted as follows:
10	
11	AYES:
12	NAYS:
13	ABSENT:
14	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



#### 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. 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

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
2	(\$8,637,400.00) of the American Rescue Plan Act (ARPA) to GWA for the design and
3	construction for the Adacao Water and Sewer Infrastructure project; and
4	
5	WHEREAS, GWA advertised the Request for Proposal (RFP-09-ENG-2022) soliciting a
6	statement of qualification from experienced and qualified engineering firms to provide
7	engineering design services for the Adacao Water and Sewer Infrastructure Design Services
8	project; and
9	
LO	WHEREAS, Request for Proposal (RFP) packages were downloaded by multiple
L1	interested parties, from which GWA received proposal submittals from five (5) engineering
L2	firms before the RFP submittal deadline of June 30, 2022; and
L3	
L 4	WHEREAS, the GWA Selection Committee reviewed and evaluated all five (5)
L 5	proposals, making a top three (3) ranking list of the most qualified firm (SEE EXHIBIT A -
L 6	Evaluation Summary), which indicated Duenas Camacho & Associates, Inc. ("DCA") as the
L7	highest ranked firm; and
L8	
L9	WHEREAS, the GWA Selection Committee submitted for the General Manager's
20	("GM") determination of selection, the ranking of firms evaluated from which GWA could
21	begin scope and fee negotiations with the selected firm (SEE EXHIBIT B - GM
22	Determination); and
23	
24	WHEREAS, after selection, GWA engineering negotiated with DCA on the Scope and
25	Fees Proposal (SEE EXHIBIT C - Scope and Fee Proposal) for the Adacao Water and Sewer
26	Infrastructure Design Services, for a total of One Million One Hundred Six-Four Thousand
27	Three Hundred Twenty-Two Dollars and Forty-Eight Cents (\$1,164,322.48); and
28	
29	WHEREAS, GWA Management seeks CCU approval of DCA's Scope and Fee Proposal
30	for the Design Services, for a total of One Million One Hundred Six-Four Thousand Three
31	Hundred Twenty-Two Dollars and Forty-Eight Cents (\$1,164,322.48), plus a ten percent (10%)
32	contingency of One Hundred Sixteen Thousand Four Hundred Thirty-Two Dollars and Twenty-

1	Five Cents (\$116,432.25), to bring the total authorized funding amount to One Million Two
2	Hundred Eighty Thousand Seven Hundred Fifty-Four Dollars and Seventy-Three Cents
3	(\$1,280,754.73); and
4	
5	WHEREAS, funding for this project will be from the ARPA Grant funds awarded to
6	GWA for this project; and
7	
8	NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities
9	does hereby approve the following:
10	1. The recitals set forth above hereby constitute the findings of the CCU.
11	2. The CCU finds that the terms of the Scope and Fee Proposal as described in
12	EXHIBIT C are fair and reasonable.
13	3. The CCU hereby authorizes the management of GWA to accept the Scope and
14	Fee Proposal from DCA in the amount of One Million One Hundred Six-Four
15	Thousand Three Hundred Twenty-Two Dollars and Forty-Eight Cents
16	(\$1,164,322.48).
17	4. The CCU hereby further approves the funding total of One Million One
18	Hundred Six-Four Thousand Three Hundred Twenty-Two Dollars and Forty-
19	Eight Cents (\$1,164,322.48), plus a ten percent (10%) contingency of One
20	Hundred Sixteen Thousand Four Hundred Thirty-Two Dollars and Twenty-
21	Five Cents (\$116,432.25), to bring the total authorized funding amount to One
22	Million Two Hundred Eighty Thousand Seven Hundred Fifty-Four Dollars
23	and Seventy-Three Cents (\$1,280,754.73).
24	5. The CCU hereby further approves funding for this project to be from the
25	ARPA Grant Funds.
26	6. The CCU further approves management to duly notify the Public Utilities
27	Commission that this contract will exceed One Million Dollars
28	(\$1,000,000.00), and is funded by ARPA Grant Funds.
29	
30 31	
32	
J_	
	3

	DULY AND REGULARLY	Y ADOPTED, this 29 <sup>th</sup> day of November 2022.
	Certified by:	Attested by:
	JOSEPH T. DUENAS	PEDRO ROY MARTINEZ
	Chairperson	Secretary
	SEC	RETARY'S CERTIFICATE
		nez, Board Secretary of the Consolidated Commission
	,	signature above do hereby certify as follows:
	• •	ill, true and accurate copy of the resolution duly adopted a
		nbers of the Guam Consolidated Commission on Utilitie
	duly and legally held at a	place properly noticed and advertised at which meeting
	quorum was present and the	members who were present voted as follows:
	AYES:	
	NAYS:	
	ABSENT:	
	ABSTAIN:	
///		
///		

## **EXHIBIT A**



#### **GUAM WATERWORKS AUTHORITY**

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	ATION 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	on Score		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 Infrastructu GWA Project No. S22-04-ARP	ure Design Services
Date:	August 1, 2022	
consultants fo	or the referenced solicitation. All propo	y actions for selecting the most qualified sals were reviewed and scored according to the tion Summary is attached for your information.
The committe	e recommends the following top three	(3) firms in order of preference for the project:
	<ol> <li>Duenas, Camacho &amp; Associates, Inc</li> <li>GHD</li> <li>SSFM International, Inc.</li> </ol>	
Concurred:		
Vincent	Juerrero	8/3/2022
Vincent E. Gu	errero gement Administrator	Date
	GENERAL MANAGER	S DETERMINATION
Consultant Fir	m Selected:	
Duenas Cam	nacho & Assoc.	
Remarks:		
mon		1011 · B · W
Miguel C. Boro 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

#### 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,
  - b. 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
- i) 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
- i) 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.
- 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

# **A1APPENDIX A: LOCATION MAP** Legend Sewer Pump Station Wastewater Treatment Plant Sewer Manhole → Proposed Gravity Sewer --- Proposed Sewer Forcemain Proposed Water Line Chamorro Land Trust Streets 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.

Page | 11

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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

GUA

#### 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

 **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):

- 1. Installation of additional blowoff valve and air release valve (ARV) on Tai Rd.; and
- 2. 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.

	DULY AND REGULARLY AD	<b>OPTED</b> , this 29 <sup>th</sup> day of November 2022.
	Certified by:	Attested by:
	JOSEPH T. DUENAS Chairperson	PEDRO ROY MARTINEZ Secretary
	1	·
	SECRETA	ARY'S CERTIFICATE
evide	I, Pedro Roy Martinez, Board Sec nced by my signature above do here	cretary of the Consolidated Commission on Utilities by certify as follows:
regula		d accurate copy of the resolution duly adopted Guam Consolidated Commission on Utilities, duly
legall		nd advertised at which meeting a quorum was pre
	AYES:	
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# GUAM CONSOLIDATED COMMISSION ON UTILITIES Guam Power Authority | Guam Waterworks Authority

#### **GWA RESOLUTION NO. 19-FY2021**

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

#### 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.
- 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 27<sup>th</sup> day of April 2021. 4 5 Certified by: Attested by: 6 7 8 MICHAEL T. LIMTIACO JOSEPH T. DUENAS 9 Secretary Chairperson 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 NAYS: 21 ABSENT: 22 23 ABSTAIN: 24 25 26 /// 27 28 29 /// 30 31 /// 32

ORIGINAL Exhibit A

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

ABSTRACT OF BIDS

L		COM	ABSTRACT OF BIDS						
			CERTIF	CERTIFICATIONS			V	ADDENDUM	
	BIDDERS NAME	Bid Bond	notabild fundational fundational notabilon-robi fundational fundat	noM teamfolqm3 sexual Offender	filana8 & ageW notienimistad	nojeM Shareholders hivebiliA Islang2	ed notizurdent enobbið	7	
гi	IAN CORPORATION	LEXON INSURANCE CD.	> > >	>	>	, >	>	>	
7.	GIANT CONSTRUCTION CORPORATION	مسا تن ا	> > > >	>	>	>	>	>	
mi	INFRATECH INTERNATIONAL, LLC	$\preceq$	^ ^ ^	>	>	>	>	>	
4	MEGA UNITED	HEST NET INSTITUTION OF CO.	\ \ \ \	>	>	>	>	>	
Щ		BASE BID	ADDITIVE BID NO. 1			ADDITIV	ADDITIVE BID NO. 2	~	GRAND TOTAL
-i	IAN CORPORATION	\$ 1,276,796.75	\$ 295,349.34	34	₹)	458,	\$ 458, G13.51	10	\$ 2,030,758.60
۸.	GIANT CONSTRUCTION CORPORATION	\$ 1,554,690.00	Ø.040,621 €	8	<del>49</del>	228.	\$ 228,990.00	8	\$ 1,945,720.00
тi	INFRATECH INTERNATIONAL, LLC	\$1.161,211.39	\$ 464,620.45	45	Ħ	Sed.	\$ 669,459.14	4	\$ 2,295,290.98
4	MEGA UNITED	\$ 907,290.00	\$ 126,320.00	8	#	128,	\$ 228,260.00	Q	\$ 1,261,870.00
	GWA Engineer's Estimate	\$2,073,757.14	\$207,567.82			\$352	\$352,762.63		\$2,634,087.59
	Bids Opered and Read by:	Tabulated By:	GWA Procurement Representative:		Witness:				

ROLAND LUMONGSUD



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 <a href="mailto:gpbensan@guamwaterworks.org">gpbensan@guamwaterworks.org</a>.

Sincerely,

MIGUEL C. BORDALL

General Manage

Enclosure



#### **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, Hagatña, 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 <a href="mailto:gpbensan@guamwaterworks.org">gpbensan@guamwaterworks.org</a> within two (2) days after receipt of this letter.

Sincerely,

for:

MIGUEL C. BORDALLO, P.E.

General Manager

MCB/gb

**BID FORM** 



#### **ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:

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

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

#### **ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

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

#### **ARTICLE 3 - BIDDER'S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:
  - A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
Addendum No. 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:
  - 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;
  - "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
  - "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 (Addendum No. 1)

#### **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 (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	\$ 6,960.00
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.	\$\$	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.	\$ 4,700.00	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		\$_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) Page 7

# **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)*  Page 8

ltem No.	Description	Unit	Unit Price	Qty	Bid Amount
8	Fittings	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 II	tems 1 th	rough 10. inclusive)		\$ 162,040.00
	(Please wr	ite out to	tal bid amount in words be	low)	•
\$O	ne Hundred Sixty Two Thou	sand F	orty 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 #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) Page 10

item 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	\$ <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	\$	3,800.00	1	\$3,800.00	
ADDITIVE BID #2 (TOTAL Items 1 through 13, inclusive) \$ 228,990.00							
(Please write out total bid amount in words below)							
\$ Two Hundred Twenty Eight Thousnad Nine Hundred Ninety Exactly							

Section 00410 Bid Form (Addendum No. 1) Page 11

# **GUAM WATERWORKS AUTHORITY**

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

SUMMARY OF BIDS						
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	amount in words below)					
\$ One Million Nine Hundred Forty Five Thousand Seven Hundred Twenty Exactly						

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 ORDER PROPOSED CONTRACT WITH GIANT CONSTRUCTION CORPORATION FOR ) THE TAI ROAD/S13 AND CANADA-TOTO LOOP/BLAS STREET WATERLINE REPLACEMENT PROJECT )

# INTRODUCTION

- 1. 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
- 2. 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

<sup>&</sup>lt;sup>1</sup> 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.

<sup>&</sup>lt;sup>2</sup> Letter from GWA General Counsel Kelly Clark to PUC ALJ Fred Horecky, dated April 13, 2021.

- 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.<sup>5</sup>
- 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.

<sup>4</sup> GWA Petition, Id., at p. 1.

<sup>&</sup>lt;sup>5</sup> Id., at pgs. 1-2.

<sup>6</sup> Id., at p. 2.

<sup>7</sup> 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.<sup>9</sup>
- 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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<sup>8</sup> Contract Review Protocol for Guam Waterworks Authority, Docket 00-04, dated October 27, 2005 at par. 1(a).

<sup>9</sup> 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.
- 2. GWA is authorized to expend up to the amount of \$2,140,292.00 for the Contract with Giant Construction Corporation.
- GWA should file the final Contract with PUC.
- 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.

<sup>10</sup>Id., at p. 3.

Dated this 29th day of April 2021.

Jeffrey C. Johnson

Chairman

Joseph M. McDonald

Commissioner

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)



1 2

#### CONSOLIDATED COMMISSION ON UTILITIES Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | [673]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 <sup>1</sup>/<sub>4</sub>-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 ¼-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

 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);
- 6. 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".
- 7. 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:

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:

NAYS:

ABSENT: Z

ABSTAIN:



DUEÑAS: CAMACHO

**EXHIBIT - A** 

Website: www.dcaguam.com Email: dca@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

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



# GIANT CONSTRUCTION CORP.

P.O. Box 9578 Tamuning, Guam 96931 Tel.: (671) 649-6472 • Fax.: (671) 646-3693

E-mail: giantconst@gmail.com

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.

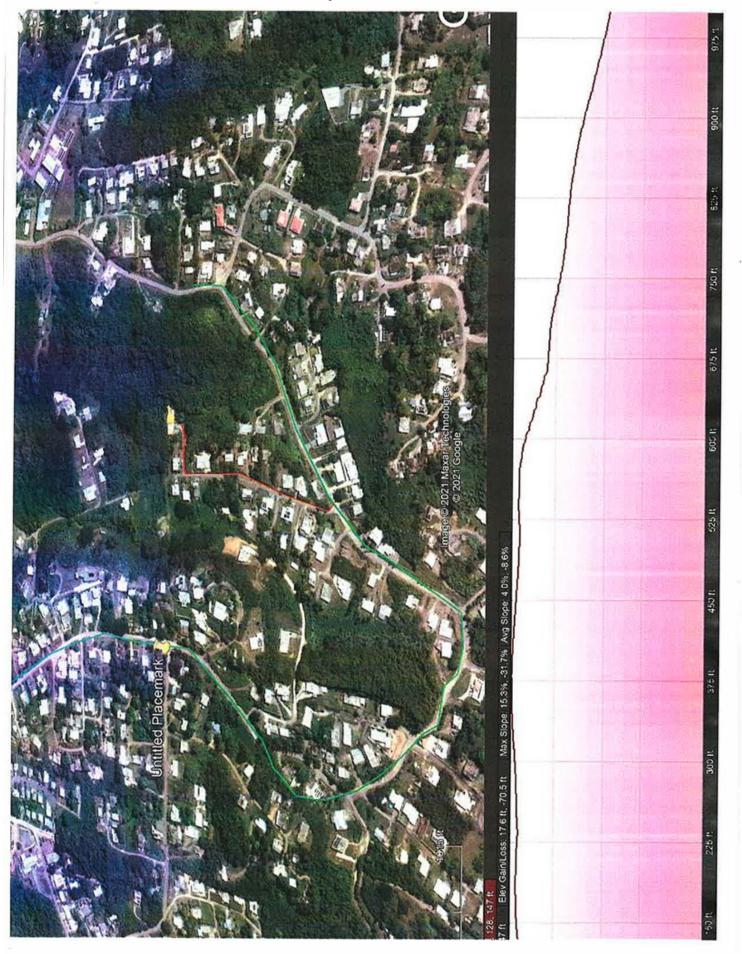
Item No	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization ( For additional costs associated with bonding, insurance and permits for this additive bid )	Lump Sum	\$ 78,000.00	1	\$ 78,000.00
2	Erosion Control Measures (Includes silt fence and all other required temporary best 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	\$ 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	\$	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	)		
A	dditional work Proposal of Taison Road (TOT	AL Item 1	l throu	igh 17, inclus	ive )	\$	558,135.00
17	Design work include survey work	Lump Sum	\$	20,000.00	1	\$	20,000.00
16	As-Builts drawings	Lump Sum	\$	5,000.00	1	\$	5,000.00
15	Existing service water meter relocate near house	EA	\$	1,400.00	9	\$	12,600.00
14	Disconnect the existing water line form existing 12" water line on Canada-Toto Loop road	LS	\$	4,000.00	1	\$	4,000.00
13	2" HDPE pipe	LF	\$	98.00	670	\$	65,660.0
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	<u>\$</u>	20,000.0
10	Fittings and thrust block	EA	\$	8,500.00	0.7	\$	5,950.0
9	Pressure Testing and Disinfection of New Waterline (Taison Road)	Lump Sum	\$	12,500.00	1	\$	12,500.00

Five Hundred Fifty Eight Thousand One Hundred Thirty Five Only

Chung, In Chul Giant Construction Corp.





**EXHIBIT B** 



2nd Floor, Gio ia B. Nelson Public Service Bldg. 688 Route 15. Many lad Giram 95013

# CHANGE ORDER NO. 01

Project No. & Title:	M19-001-BND TAIR	OAD/S-13 AND CANADA	-TOTO LOOP/BLAS STREET WATE	RLINE REPLACEMENT
Contractor:	Giant Construction Co	prporation	Original Contract Appro	oved: May 12, 2021
TO: Glant C	onstruction Corporation			
You are directed to ma	ke changes noted below in	the subject contract. Ti	he changes are accepted by:	
Giant Construction Con	peration:		Prepared by:	
Mounts	Oliv -		Gloria P Bensan Digital	y signed by Gloria P Bensan 021.08.16 08:49:48 + 10'00'
IN-CHUL CHUNG,	Vice President		GLORIA P. BENSAN	
(Name an	d Title)		Project Manager	Date
//	1			
Convers on his	WALL OF			
Duenas, Camacho			Recommend Approval:	
o demos, comocno	a Hosoc, Civi		ACun.	Digitally signed by Barbara C. Cruz, P. Date: 2021.08.16 14:12:41 +10'00'
Fund Source: Bond 202	0 MP-PW-Pipe-12		BARBARA C. CRUZ, P.E.	
Contract No.:	3008 OS		Acting Chief Engineer	Date
Vendor No.:	22557			
Amount:	\$16,318.00			
Englagues	required by the Depart	tment of Parks and Recre		materials as
Enclosures:	Copy of original contra	ct, archaeological fee pr	oposal and scope of work.	
The changes result in th	e following adjustment of	contract price and time	2;	
Contract amount prior t				\$1,945,720.00
Net (increase)( <del>decrease</del> )	from this Change Order (s	subject to approved term	ns and conditions)	\$16,318.00
Current contract price in Contract time price to th	cluding this Change Order is Change Order 365	anton da catal	-	\$1,962,038.00
Net (increase)(decrease)	resulting from this Chang	calendar days.	days from original completion.	
Current contract time in	cluding this Change Order	365 days	days from original completion.	
Contract time extremial	will be evaluated as you had a	teed after 10% recognise	fluctung/esic kichwest penter	
CERTIFIED FUNDS AVAIL	ABLE: APPRO ly signed by	OVED AS TO FORM:	APPROVED:	/
Talling IVI Taling	M Taitano	AK)	1/14-4	ر ام
	021.09.20 15 +10'00'	THOSE -	- MUNOT	IN
TALING M. TAITANO, CP	A, CGFM	O. CLARK	MIGUEL C. BORDA	LO, P.E.
Certifying Officer	Genera	I Counsel	General Manager	,
Date:	Date:	9/20/2021	Date: <b>9.2</b> 9	, 2021
		<del>/-/</del>		_ ,

# BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN THE MATTER OF:	) GWA Docket 22-04	PECEIVED F
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 GUAM

# 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.<sup>1</sup>
- 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

<sup>&</sup>lt;sup>1</sup> 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.

<sup>2</sup> Id., at p. 2.

Road. The meters are connected to the existing 6-inch ACP line and leading to long runs of 1 to  $1\frac{1}{4}$  -inch galvanized pipe to the houses further down the road.

# 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.<sup>4</sup>
- 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.<sup>5</sup>
- 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.<sup>6</sup>
- The PUC authorized GWA to expend up to the amount of \$2,140,292.00 for the Contract with Giant Construction Corporation.<sup>7</sup>

<sup>&</sup>lt;sup>3</sup> 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.

<sup>&</sup>lt;sup>4</sup> PUC Order, GWA Docket 21-03, dated April 29, 2021, at p. 4.

<sup>5</sup> Id., at p. 3.

<sup>6</sup> Id.

<sup>7</sup> 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.<sup>8</sup>
- 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.<sup>10</sup> GWA was authorized to expend \$558,135.00 for Change Order No. 2, subject to PUC review and approval.<sup>11</sup> Funding for the Change Order will be from 2020 Bonds under the MP-PW Pipe-12 Rehabilitation and Replacement Program funds.<sup>12</sup>
- 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.<sup>13</sup>

<sup>&</sup>lt;sup>8</sup> 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.
<sup>9</sup> Id.

<sup>&</sup>lt;sup>10</sup> 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.

<sup>11</sup> Id., at p. 2.

<sup>12</sup> Id., at p. 3.

<sup>13</sup> 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.<sup>14</sup>
- 13. The Taison Road Revenue meters were 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 Taison Road.<sup>15</sup>
- 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.<sup>16</sup>
- 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

15 Id.

<sup>14</sup> Id.

<sup>16</sup> 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.<sup>17</sup>

- 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.

<sup>&</sup>lt;sup>17</sup> 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
- 22. 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:

- 1. Change Order No. 2 for the Taison Road waterline and service lateral and connection work is approved.
- 2. GWA is authorized to expend up to the amount of \$2,520,173.00 for the Contract with Giant Construction Corporation.
- 3. 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.

<sup>&</sup>lt;sup>18</sup> 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

Jøseph M. McDonald

Commissioner

Peter Montinola Commissioner

Pedro S.N. Guerrero

Commissioner

Rowena E. Perez-Camacho

Commissioner

Michael A. Pangelinan

Commissioner

Doris Flores Brooks 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:

September 21, 2022

- 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)

# 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)

Cost Proposal #03 Amount ...... \$34,617.87

# 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	110010110
13	Reconnection of ¾" Single meter installation on 12-inch Water Main	Еа.	\$2,920.00	19	22	\$55,480.00	\$64,240.00	\$8,760.00
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
Additi	Additional amount of existing lateral replacement.							\$20,680.00

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 #7	Ea	\$5,000.00	4	5	\$20,000.00	\$25,000.00	\$5,000.00

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)

September 21, 2022

#### 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.

This cost proposal is to provide a 12" x 11.25 degree bend, additional 12" PVC pipe AWWA C-900, cement for thrust block, excavation/backfill, flowable fill, bedding materials, asphalt pavement materials, and additional time for equipment and labor. (See Attachment # 9)

Cost proposal #07 Amount .................\$7,910.00

# 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 3/4" Single Meter		

September 21, 2022

	Installation on 6-inch water main	24 EA	17 EA
5.1	<sup>3</sup> / <sub>4</sub> " 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
- ¾" 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

Bonding 2.85% ...... 954.61

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

Bonding Fee 2.85%......1,167.93

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).

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

September 21, 2022

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.
- 5. 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?

- 1. 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

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., LTD (Sumitomo) for the Base Bid proposal in the amount of Four Million One Hundred Twenty

Thousand Dollars (\$4,120,000.00) and approved the funding total of Four Million Five Hundred Thirty-Two Thousand Dollars (\$4,532,000.00); and

WHEREAS, GWA executed a construction contract with Sumitomo for the Base Bid work for the following:

- Construction of the new Carnation pressure reducing valves (PRV) and flow meters (FM) vaults and rehabilitation of existing PRV vaults and new control building; and
- Construction of the new Marbo PRV and FM vaults; and
- Construction of the new Okkodo PRV and FM vaults to replace the existing PRV and new control pedestal; and
- Construction of the new Ysengsong PRV and FM vaults; and
- Construction of the new Clara PRV and FM vaults; and
- Construction of the new Kaiser Reservoir Bypass PRV and FM vaults and new control building, and installation of new inlet and outlet meters for Kaiser Reservoir; and
- Construction of the new Kaiser PRV and FM vaults; and
- Construction and installation of SCADA components and electrical work at Yigo and Astumbo Reservoirs; and
- Installation of SCADA at all sites; and

WHEREAS, Resolution No. 40-FY2020 (See Exhibit B) approved GWA to execute a Change Order for the Additive Bid work to construct two additional PRV and FM locations (Maimai and Terao) and to bring the total authorized amount to Five Million Five Hundred Forty-Nine Thousand Dollars (\$5,549,000.00), which included a contingency of Four Hundred Sixty-Seven Thousand Dollars (\$467,000.00); and

WHEREAS, GWA issued Change Orders No.1 and 2 in the amount of One Million One Hundred Sixty Thousand Eight Hundred Forty-Seven Dollars and Eighty-Nine Cents (\$1,160,847.89), which brought the total contract amount to Five Million Two Hundred Eighty Thousand Eight Hundred Forty-Seven Dollars and Eighty-Nine Cents (\$5,280,847.89); and

**WHEREAS**, GWA seeks to issue Change Order No. 3 and 4 for work required to complete Phase 1 of the PZR projects; and

WHEREAS, Change Order No. 3 and 4 work generally consist of the following:

- Carnation and Jackson site: Additional material and work due to differing site
  conditions, additional flowable fill placement required by the Department of
  Public Works (DPW), repairs for existing Jackson PRV vault; and
- Ysensong site: Relocation of PRV and FM vaults required by the DPW; and
- Clara site: Relocation of PRV and FM vaults required by the DPW, fence replacement; and
- Kaiser site: Relocation of PRV and FM vaults 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, additional asphalt paving, valve, pipe, and fitting replacement; and
- Maimai site: Installation of concrete walkway for SCADA pedestal, ARV installation; and
- Terao site: Valve cover adjustment and concreting; and
- Okkodo site: Additional fittings due to differing site conditions; and
- Various sites: Installation of vault vents; and

WHEREAS, Change Order No. 3 (See Exhibit C) has been negotiated between the GWA and Sumitomo in the amount of Seven Hundred Sixty-Five Thousand Three Hundred Thirty-One Dollars and Seventy-Four Cents (\$765,331.74) and Change Order No. 4 is under negotiation between GWA and Sumitomo; and

**WHEREAS**, GWA is requesting a not-to-exceed funding approval of Three Hundred Fifty Thousand Dollars (\$350,000.00) for Change Order No. 4; and

**WHEREAS**, the current remaining contingency is in the amount of Two Hundred Sixty-Eight Thousand One Hundred Fifty-Two Dollars and Eleven Cents (\$268,152.11); and

WHEREAS, GWA management seeks CCU approval for an additional Eight Hundred Forty-Seven Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents (\$847,179.63) to fund Change Order Nos. 3 and 4, bringing the total authorized funding to Six Million Three Hundred Ninety-Six Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents (\$6,396,179.63); and

WHEREAS, funding shall be from the following CIP sources:

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

**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 of the scope and fee submitted by Sumitomo Mitsui Construction Co., LTD. are fair and reasonable.
- 3. The CCU hereby approves Eight Hundred Forty-Seven Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents (\$847,179.63) to fund Change Order Nos. 3 and 4, bringing the total authorized funding to Six Million Three Hundred Ninety-Six Thousand One Hundred Seventy-Nine Dollars and Sixty-Three Cents (\$6,396,179.63).
- 4. The CCU hereby approves the use of the following CIP sources:
  - . USEPA Grant
  - CIP PW 12-01: Water Audit Program
  - CIP PW 05-16: Master Metering Program
  - MP-PW-Pipe-15: PRV Rehabilitation and Replacement

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

1

Certified by:	Attested by:
JOSEPH T. DUENAS	PEDRO ROY MARTINEZ
Chairperson	Secretary
SECRE	TARY'S CERTIFICATE
I, Pedro Roy Martinez, Board S videnced by my signature above do h	Secretary of the Consolidated Commission on Utilities thereby certify as follows:
egular meeting by the members of the	and accurate copy of the resolution duly adopted the Guam Consolidated Commission on Utilities, duly and advertised at which meeting a quorum was proted as follows:
AYES:	
NAYS:	<del></del>
ABSENT:	
ABSTAIN:	
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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 | 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

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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.
- 2. The CCU finds that the terms of the bid proposal submitted by Sumitomo Mitsui Construction Co., LTD. are fair and reasonable.
- 3. 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.
- 4. 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).

1	6. The CCU hereby approves the use of funding sources from the following CI
2	line items:
3	a. CIP PW 12-01: Water Audit Program
4	b. CIP PW 05-16: Master Metering Program
5	c. Grant (USEPA)
6	RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption
7	of this Resolution.
8	
9	DULY and REGULARLY ADOPTED, this 28th day of January 2020.
10	
11	Certified by: Attested by:
12	77.0
13	JOSEPH T. DUENAS MICHAEL T. LIMTIACO
14	Chairperson Secretary
15	
16	SECRETARY'S CERTIFICATE
17	
18	I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities a
19	evidenced by my signature above do hereby certify as follows:
20	The foregoing is a full, true and accurate copy of the resolution duly adopted at a regula
21	meeting by the members of the Guam Consolidated Commission on Utilities, duly an legally held at a place properly noticed and advertised at which meeting a quorum was
22	present and the members who were present voted as follows:
23	AYES:
24	
25	NAYS:
26	ABSTENTIONS: 0
27	ABSENT: 0
28	ADSENT.
29 30	
31	
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عد	
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# GUAM WATERWORKS AUTHORITY ABSTRACT OF BIDS

EXHIBIT A

Project Name: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I

Bid Opening Date: November 22, 2019

Project Number: W18-001-BND Time: 3:00 PM

Г					-	(	CERTII	ICATI	ONS			-			BID AMOUNT		
	Bidders Name	Section A-5	ntion ent	usion	ication	gated	nder tion	Benefit ation'	r ider vit	al ins to rs		Adder	ndum			BID AMOUNT	
	bladers rame	Bid Bond	Qualification Statement	Non Collusic Affidavit	EEO Certifi	Non Segrega Facilities	Sex Offend Certificatio	Wage and Determin	Majo Shareho Affida	Speci Instructio Bidde	1	2	3	4	TABLE A BASE BID	TABLE A ADDITIVE BID	TABLE A BASE + ADDITIVE
1.	KORANDO CORPORATION													3			
2.	IAN CORPORATION																
3.	SUMITOMO-MITSUI CONSTRUCTION CO.	FEDERAL INSURANCE COMPANY 15 70 OF ACCOMPANYINGED	1	1	1	~	1	1	1	~	1	V	1	J	\$4,120,000	\$ 962,000	\$ 5,002,000
4.	GENERAL + PLUMBING																
5.	AIC INTERNATIONAL INC.	FIRELITY & DEPOSIT COMPANY OF MARY LAND	<b>✓</b>	1	1	1	1	✓	/	~	1	/	~	/	\$5,494,376.50	\$1,711,160.94	\$ 7,2 <b>6</b> 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:

GLORIA P. BENSAN

(Name and Signature)

Tabulated By:

GWA Procurement Representative:

ROAND F. LUMONGS SOD

(Name and Signature)

(Name and Signature)

Jales

Witnesses:



### **BID FORM**

# **ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:

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

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

# **ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

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

# **ARTICLE 3 - BIDDER'S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:
  - A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

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

- B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the <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

- EXHIBIT B
- 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

# 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.	1	LS	\$ 56,544.00
4.	Training.	1	LS	\$ 3,554.00
5.	Carnation PRVs:			
	5.1 Potholing	1	LS	\$ 3,661.00
	5.2 Traffic control	1	LS	\$ 43,781.00
	5.3 Marbo vault	1	LS	\$ 38,935.00
	5.4 Marbo 6" PRV	1	LS	\$ 38,935.00 \$ 39,105.00 \$ 7,033.00
	5.5 Marbo 6" meter	1	LS	<del></del>
	5.6 Marbo piping and connections	1	LS	\$ 17,429.00
	5.7 PRV 11 12" PRV	1	LS	\$ 12,444.00 \$ 15,546.00
	5.8 PRV 11 12" check valves	2	LS	
	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	\$ 3,200.00 \$ 8,230.00 \$ 14,161.00
	5.12 PRV 15 12" check valve	1	LS	
	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	\$ 41,083.00 \$ 60,173.00 \$ 40,626.00 \$ 29,372.00
	5.16 Control building	1	LS	
	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.)				
	5.19 SCADA, instrumentation and	1	LS	\$ 104,879.00	
	controls				
	5.20 Commissioning	1	LS	\$ 11,654.00 \$ 53,504.00	
	5.21 Site and pavement restoration	1	LS	\$ 53,504.00	
	Subtotal	1	LS	\$ 795,984.00	
6.	Okkodo PRV:				
	6.1 Traffic control	1	LS	\$ 19,724.00	
	6.2 Meter vault	1	LS	\$ 49,997.00	
	6.3 20" meter	1	LS	\$ 16,090.00	
	6.4 Meter piping and connections	1	LS	\$ 155,708.00	
	6.5 8" PRV	1	LS	\$ 5,134.00	
	6.6 10" PRV	1	LS	\$ 7,924.00	
	6.7 12" PRV	l	LS	\$ 10,654.00	
	6.8 PRV piping and connections	1	LS	\$ 61,920.00	
	6.9 PRV vault cover and hatch	i	LS	\$ 28,690.00	
	6.10 Electrical system	1	LS	\$ 55,355.00	
	6.11 SCADA, instrumentation and controls	1	LS	\$ 70,885.00	
	6.12 Commissioning	1	LS	\$ 11,733.00	
	6.13 Site and pavement restoration	1	LS	\$ 11,733.00 \$ 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	\$ 84,048.00 \$ 33,283.00 \$ 3,314.00 \$ 75,716.00 \$ 9,221.00	
	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	\$ 16,466.00 \$ 10,857.00 \$ 149,000.00 \$ 47,927.00 \$ 77,859.00	
	7.10 SCADA, instrumentation and controls	1	LS	\$ 77,859.00	
	7.11 Commissioning	1	10	9 651 00	
	7.11 Commissioning 7.12 Site and pavement restoration	1	LS	\$ 8,651.00 \$ 93,265.00	
	7.12 Site and pavement restoration	1	LS	\$ 93,265.00	
	Subtotal	1	LS	\$ 609,607.00	



tem No.	Description	Quantity	Unit	Extended Amount
8.	Clara PRV:			
	8.1 Potholing	1	LS	\$ 121,682.00
	8.2 Traffic control	1	LS	\$ 21,457.00
	8.3 Abandonment of pipe	1	LS	\$ 2,870.00
	8.4 Vault	1	LS	\$ 38,807.00
	8.5 6" PRV	1	LS	\$ 18,000.00
	8.6 10" PRV	1	LS	\$ 48,615.00
	8.7 10" meter	1	LS	\$ 10,857.00
	8.8 Piping and connections	1	LS	\$ 53,347.00
	8.9 Electrical system	1	LS	\$ 55,663.00
	8.10 SCADA, instrumentation and controls	1	LS	\$ 76,201.00
	8.11 Commissioning	1	LS	\$ 8,467.00
	8.12 Site and pavement restoration	1	LS	\$ 35,865.00
	Subtotal	1	LS	\$ 491,831.00
9.	Kaiser:	•	1.0	0.254.00
	9.1 Potholing 9.2 Traffic control	1	LS	\$ 9,254.00 \$ 40,851.00
		1	LS	
	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 \$ 63,718.00
	9.7 Kaiser PRV vault	1	LS	
	9.8 Kaiser 6" PRV	l .	LS	
	9.9 Kaiser 10" PRV	l	LS	\$ 72,498.00 \$ 21,611.00
	9.10 Kaiser 10" meter	1	LS	
	9.11 Piping and connections	1	LS	\$ 335,576.00
	9.12 Replace meters	3	LS	\$ 43,022.00 \$ 23,537.00
	9.13 Control building	1	LS	
	9.14 Fencing	l	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
1.	Yigo Reservoirs SCADA system for	1	LS	\$ 92,529.00

Section 00410 Bid Form



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 \$ 18,527.00
	10.5 6" PRV	1	LS	
	10.6 12" PRV	1	LS	\$ 31,942.00 \$ 129,532.00 \$ 15,599.00 \$ 113,789.00
	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	
	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 \$ 42,033.00
	11.2 Meter vault	1	LS	\$ 42,033.00
	11.3 10" Meter	1	LS	\$ 36,043.00
	11.4 Meter piping and connections	1	LS	\$ 14,101.00
	11.5 4" PRV	1	LS	\$ 4,867.00
	11.6 10" PRV	1	LS	\$ 11,742.00
	11.7 PRV piping and connections	1	LS	\$ 22,915.00
	11.8 Electrical system	1	LS	\$ 64,070.00
	11.9 SCADA, instrumentation and controls	1	LS	\$ 78,620.00
	11.10 Commissioning	1	LS	\$ 12,592.00
	11.11 Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00
Table A E	Base Bid Subtotal		\$ 4,120,000.00	
Table A A	Additive Bid Subtotal		\$ 962,000.00	
Table A B	Base Bid and Additive Bid Total	\$ 5,082,000.00		



# TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lump sum of \$ 4,120,000.00 (Price in Figures)

# FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

(Price in Words)

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



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

# **ARTICLE 6 - TIME OF COMPLETION**

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

# **ARTICLE 7 - ATTACHMENTS TO THIS BID**

7.01	The following	documents are	attached to and	l made a	condition	of this	Bid:
------	---------------	---------------	-----------------	----------	-----------	---------	------

- A. Required Bid security in the form of BID BOND
- B. List of Proposed Major Suppliers;
- C. Required Bidder Qualification Statement with Supporting Data; and

# **ARTICLE 8 - DEFINED TERMS**

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

# **ARTICLE 9 - BID SUBMITTAL**

9.01	This Bid submitted by:		
	If Bidder is:		
	An Individual		
	Name (typed or printed): N/A		
	By: _N/A		
	(Individual's signature)		
	Doing business as: N/A		
	Business address: N/A		
	Phone: N/A	Facsimile: N/A	
	E-mail address: N/A		

Section 00410 Bid Form



<u>A Partnership</u>	
Partnership Name: N/A (SEA	L)
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: <u>JAPAN</u>	
Type (General Business, Professional, Service, other): GENERAL CONTRACTOR/ CONSTRUCTI	ON
By:	
(Signature - attach evidence of authority to sign)	
Name (typed or printed): <u>TAKEYUKI SHIINO</u>	
Title: GENERAL MANAGER	
Attest (CORPORATE SEAL)  Attest (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, 9691:	3
Phone:(671) 649-7521 to 24Facsimile:(671) 649-7550	—
than address. <u>Institutori.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	

Section 00410 Bid Form



A Joint Venture		
First Joint Venturer Name: N/A		(SEAL)
By:N/A		
(Signature - attach evidence of autho	ority to sign)	
Name (typed or printed):N/A		
Title: N/A		
Business address: N/A		
Phone: N/A	Facsimile: N/A	
E-mail address: N/A		
Second Joint Venturer Name: N/A		(SEAL)
Ву: N/А		,
(Signature - attach evidence of autho	rity to sign)	
Name (typed or printed): N/A		
T:+10. N/A		
Don't see the N/Δ		· · · · · · · · · · · · · · · · · · ·
Phone: N/A	Facsimile: N/A	
E-mail address: N/A		
Phone and Facsimile Number, and Address for reN/A	eceipt of official communication	ns to Joint Venture:
(Each joint venturer must sign. The manner of s 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 P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

### **GWA RESOLUTION NO. 40-FY2020**

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

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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1 2

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:

- 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
- 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
- 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

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.
- 4. 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 22<sup>nd</sup> day of September 2020.

Certified by:

JOSÉPH 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**



# 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).

# GUAM WATERWORKS AUTHORITY ABSTRACT OF BIDS



Bid Opening Date: November 22, 2019

Time:

3:00 PM

Project Name: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE I

Project Number: W18-001-BND

	CERTIFICATIONS					_											
	Bidders Name Section A-5 Bid Bond	Section A.F.	_		8 P		T. T	Ę.	0113	0		Addendum			BID AMOUNT		
		Qualification Statement	Non Collusio Affidavit	EEO Certificalı	Non Segregate Facilities	Sex Offende Certification	Wage and Ben Determinatio	Major Shareholde Affidavit	Special Instructions 1 Ridders	1	2	3	4	TABLE A BASE BID	TABLE A ADDITIVE BID	TABLE A BASE + ADDITIVE	
1.	KORANDO CORPORATION																
2.	IAN CORPORATION	1									10 10 10 10 10 10 10 10 10 10 10 10 10 1						
3.	SUMITOMO-MITSUI CONSTRUCTION CO.	FEDERAL INSURANCE COMPANY 15 70 OF ACCOMPANINABID	1	1	1	~	1	1	1	1	1	s	1	\	£4,120,000	§ 962,000	\$ 5,082,000
4.	GENERAL + PLUMBING	<u> </u>			•												
5.		FIDELITY & DEPOSIT COMPANY OF MANICAND	1	1	1	1	1	1	1	~	1	,	/	/	\$5,494,376.50	41,711,160.94	\$ 7,2 <b>6</b> 5,537.44
6.	FRONTIER SUPPLY																
7.	AMERICAN INTNERNATIONAL SUPPLY, INC.							8									
3	GWA Estimate														\$4,148,360	¢845,640	<b>€</b> 4, 994, 000

Bids Opened and Read by:

(Name and Signature)

Tabulated By:

JESSEY MENDIOLA (Name and Signature)

and Signature) (Name and Signature)

GWA Procurement Representative:

ROZAND F. LUMONGS

Witnesses:

any s

William Festers



#### **BID FORM**

#### **ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:

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

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

#### **ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

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

# **ARTICLE 3 - BIDDER'S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:
  - A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

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

- B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the <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;
  - "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	=0 =X(0.0		3.5
	Documents.	1	LS	\$ 95,487.00
2.	Bonds and insurance.	1	LS	\$ 178,861.00
3.	Permits.	<b>l</b> a	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.)	5.11-11		
	5.19 SCADA, instrumentation and	1	LS	\$ 104,879.00
	controls			
	5.20 Commissioning	1	LS	\$ 11,654.00 \$ 53,504.00
	5.21 Site and pavement restoration	1	LS	\$ 53,504.00
	Subtotal	1	LS	\$ 795,984.00
6.	Okkodo PRV:			
	6.1 Traffic control	1	LS	\$ 19,724.00
	6.2 Meter vault	1	LS	\$ 49,997.00
	6.3 20" meter	1	LS	\$ 16,090.00
	6.4 Meter piping and connections	1	LS	\$ 155,708.00
	6.5 8" PRV	1	LS	\$ 5,134.00
	6.6 10" PRV	1	LS	\$ 7,924.00
	6.7 12" PRV	1	LS	\$ 7,924.00 \$ 10,654.00 \$ 61,920.00 \$ 28,690.00
	6.8 PRV piping and connections	1	LS	\$ 61,920.00
	6.9 PRV vault cover and hatch	1	LS	\$ 28,690.00
	6.10 Electrical system	1	LS	\$ 55,355.00
	6.11 SCADA, instrumentation and controls	1	LS	\$ 70,885.00
	6.12 Commissioning	1	LS	\$ 11,733.00
	6.13 Site and pavement restoration	1	LS	\$ 7,388.00
	Subtotal	1	LS	\$ 501,202.00
7.	Ysengsong PRV:			
	7.1 Potholing	1	LS	\$ 84,048.00
	7.2 Traffic control	1	LS	\$ 33,283.00
	7.3 Abandonment of pipe	1	LS	
	7.4 Vault	1	LS	\$ 3,314.00 \$ 75,716.00 \$ 9,221.00
	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	1	LS	\$ 8,651.00
	7.12 Site and pavement restoration	1	LS	\$ 93,265.00
	Subtotal	1	LS	\$ 609,607.00



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

Section 00410 Bid Form



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	\$ 18,527.00 \$ 31,942.00 \$ 129,532.00 \$ 15,599.00 \$ 113,789.00
	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	Ĭ	LS	\$ 80,877.00
	10.11 Commissioning	1	LS	\$ 12,843.00
	10.12 Site and pavement restoration	î	LS	\$ 12,843.00 \$ 95,113.00
	Subtotal	Ī	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	\$ 15,387.00 \$ 42,033.00 \$ 36,043.00
	11.3 10" Meter	1	LS	
	11.4 Meter piping and connections	1	LS	\$ 14,101.00 \$ 4,867.00
	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	î	LS	\$ 12,592.00
	11.11 Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00
Table A	Base Bid Subtotal		1/2.5	\$ 4,120,000.00
Table A	Additive Bid Subtotal			\$ 962,000.00
Table A	Base Bid and Additive Bid Total			\$ 5,082,000.00



# TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the l	ump sum of
200	\$ 4,120,000.00
(Price in	Figures)
	FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY
11	(Price in Words)

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



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

### **ARTICLE 6 - TIME OF COMPLETION**

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

### **ARTICLE 7 - ATTACHMENTS TO THIS BID**

7.01	The following do	ocuments are a	attached to an	ıd made a conditior	of this Bid:

B. List of Proposed Major Suppliers;

Required Bid security in the form of \_\_

C. Required Bidder Qualification Statement with Supporting Data; and

# **ARTICLE 8 - DEFINED TERMS**

Α.

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

# **ARTICLE 9 - BID SUBMITTAL**

9.01

This Bid submitted by:						
If Bidder is:						
An Individual						
Name (typed or printed): N/A						
By: N/A						
(Individual's signature)						
Doing business as: N/A						
Business address: N/A						
Phone: N/A	Facsimile: N/A					
E-mail address: N/A						

Section 00410 Bid Form



<u>A Partnership</u>
Partnership Name: N A (SEAL)
By: N/A
(Signature of general partner - attach evidence of authority to sign)
Name (typed or printed): N/A
Business address: N/A
Phone: N/A Facsimile: N/A
E-mail address: N/A
<u>A Corporation</u>
Corporation Name: _SUMITOMO MITSUI CONSTRUCTION CO., LTD_
State of Incorporation:
Type (General Business, Professional, Service, other): _GENERAL CONTRACTOR/ CONSTRUCTIO
By: Duns
(Signature - attach evidence of authority to sign)
Name (typed or printed):TAKEYUKI SHLI 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:(671) 649-7521 to 24 Facsimile:(671) 649-7550
E-mail address: _tkshiino@smcon.co.jp
A Limited Liability Company (LLC)
LLC Name: N/A
State in which organized: N L'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

Section 00410 Bid Form



A Joint Venture		
First 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		
D		<del></del>
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 au	uthority 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 f	or receipt of official communications	s to Joint Venture:
(Each joint venturer must sign. The manner	of signing for each individual, partne	ership, corporation,
and limited liability company that is a party	to the joint venture should be in the	manner indicated
above.)		



### **BID FORM**

# **ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:

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

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

# **ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

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

# **ARTICLE 3 - BIDDER'S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:
  - A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

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

- B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the <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

- EXHIBIT B
- 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

# 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.	1	LS	\$ 56,544.00
4.	Training.	1	LS	\$ 3,554.00
5.	Carnation PRVs:			
	5.1 Potholing	1	LS	\$ 3,661.00
	5.2 Traffic control	1	LS	\$ 43,781.00
	5.3 Marbo vault	1	LS	\$ 38,935.00
	5.4 Marbo 6" PRV	1	LS	\$ 38,935.00 \$ 39,105.00 \$ 7,033.00
	5.5 Marbo 6" meter	1	LS	<del></del>
	5.6 Marbo piping and connections	1	LS	\$ 17,429.00
	5.7 PRV 11 12" PRV	1	LS	\$ 12,444.00 \$ 15,546.00
	5.8 PRV 11 12" check valves	2	LS	
	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	\$ 3,200.00 \$ 8,230.00 \$ 14,161.00
	5.12 PRV 15 12" check valve	1	LS	
	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	\$ 41,083.00 \$ 60,173.00 \$ 40,626.00 \$ 29,372.00
	5.16 Control building	1	LS	
	5.17 Fencing	1	LS	\$ 8,705.00
	5.18 Electrical system	1	LS	\$ 188,904.00

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Item No.	Description	Quantity	Unit	Extended Amount	
5.	Item 5 (Cont.)				
	5.19 SCADA, instrumentation and	1	LS	\$ 104,879.00	
	controls				
	5.20 Commissioning	1	LS	\$ 11,654.00 \$ 53,504.00	
	5.21 Site and pavement restoration	1	LS	\$ 53,504.00	
	Subtotal	1	LS	\$ 795,984.00	
6.	Okkodo PRV:				
	6.1 Traffic control	1	LS	\$ 19,724.00	
	6.2 Meter vault	1	LS	\$ 49,997.00	
	6.3 20" meter	1	LS	\$ 16,090.00	
	6.4 Meter piping and connections	1	LS	\$ 155,708.00	
	6.5 8" PRV	1	LS	\$ 5,134.00	
	6.6 10" PRV	1	LS	\$ 7,924.00	
	6.7 12" PRV	l	LS	\$ 10,654.00	
	6.8 PRV piping and connections	1	LS	\$ 61,920.00	
	6.9 PRV vault cover and hatch	i	LS	\$ 28,690.00	
	6.10 Electrical system	1	LS	\$ 55,355.00	
	6.11 SCADA, instrumentation and controls	1	LS	\$ 70,885.00	
	6.12 Commissioning	1	LS	\$ 11,733.00	
	6.13 Site and pavement restoration	1	LS	\$ 11,733.00 \$ 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	\$ 84,048.00 \$ 33,283.00 \$ 3,314.00 \$ 75,716.00 \$ 9,221.00	
	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	\$ 16,466.00 \$ 10,857.00 \$ 149,000.00 \$ 47,927.00 \$ 77,859.00	
	7.10 SCADA, instrumentation and controls	1	LS	\$ 77,859.00	
	7.11 Commissioning	1	10	9 651 00	
	7.11 Commissioning 7.12 Site and pavement restoration	1	LS	\$ 8,651.00 \$ 93,265.00	
	7.12 Site and pavement restoration	1	LS	\$ 93,265.00	
	Subtotal	1	LS	\$ 609,607.00	



item No.	Description	Quantity	Unit	Extended Amount
8.	Clara PRV:			
	8.1 Potholing	1	LS	\$ 121,682.00
	8.2 Traffic control	1	LS	\$ 21,457.00
	8.3 Abandonment of pipe	1	LS	\$ 2,870.00
	8.4 Vault	1	LS	\$ 38,807.00
	8.5 6" PRV	1	LS	\$ 18,000.00 \$ 48,615.00
	8.6 10" PRV	1	LS	\$ 48,615.00
	8.7 10" meter	1	LS	\$ 10,857.00
	8.8 Piping and connections	1	LS	\$ 53,347.00
	8.9 Electrical system	1	LS	\$ 55,663.00
	8.10 SCADA, instrumentation and controls	1	LS	\$ 76,201.00
	8.11 Commissioning	1	LS	\$ 8,467.00
	8.12 Site and pavement restoration	1	LS	\$ 35,865.00
	Subtotal	1	LS	\$ 491,831.00
9.	Kaiser:			Φ 0.254.00
	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	l	LS	\$ 36,238.00
	9.6 Bypass 12" PRV	l	LS	\$ 76,327.00
	9.7 Kaiser PRV vault	1	LS	\$ 63,718.00
	9.8 Kaiser 6" PRV	l ·	LS	\$ 18,378.00
	9.9 Kaiser 10" PRV	l	LS	\$ 72,498.00 \$ 21,611.00
	9.10 Kaiser 10" meter	l	LS	
	9.11 Piping and connections	1	LS	\$ 335,576.00
	9.12 Replace meters	3	LS	\$ 43,022.00 \$ 23,537.00
	9.13 Control building	1	LS	
	9.14 Fencing	1	LS	
	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	1	LS	\$ 92,529.00

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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 \$ 18,527.00
	10.5 6" PRV	1	LS	
	10.6 12" PRV	1	LS	\$ 31,942.00 \$ 129,532.00 \$ 15,599.00 \$ 113,789.00
	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	
	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 \$ 42,033.00
	11.2 Meter vault	1	LS	\$ 42,033.00
	11.3 10" Meter	1	LS	\$ 36,043.00
	11.4 Meter piping and connections	1	LS	\$ 14,101.00
	11.5 4" PRV	1	LS	\$ 4,867.00
	11.6 10" PRV	1	LS	\$ 11,742.00
	11.7 PRV piping and connections	1	LS	\$ 22,915.00
	11.8 Electrical system	1	LS	\$ 64,070.00
	11.9 SCADA, instrumentation and controls	1	LS	\$ 78,620.00
	11.10 Commissioning	1	LS	\$ 12,592.00
	11.11 Site and pavement restoration	1	LS	\$ 314.00
	Subtotal	1	LS	\$ 302,684.00
Table A E	Base Bid Subtotal			\$ 4,120,000.00
Table A A	Additive Bid Subtotal			\$ 962,000.00
Table A B	Base Bid and Additive Bid Total			\$ 5,082,000.00



# TOTAL BASE BID PRICE FOR THE BID SCHEDULE

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

(Price in Figures)

# FOUR MILLION, ONE HUNDRED TWENTY THOUSAND DOLLARS ONLY

(Price in Words)

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



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

# **ARTICLE 6 - TIME OF COMPLETION**

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

# **ARTICLE 7 - ATTACHMENTS TO THIS BID**

7.01	The following docum	ents are attached to an	d made a con-	dition 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:		
	<u>An Individual</u>		
	Name (typed or printed): N/A		
	By: N/A		
	(Individual's signature)		
	Doing business as: N/A		
	Business address: N/A		<del></del>
	Phone: N/A	Facsimile: N/A	
	E-mail address: N/A		

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<u>A Partnership</u>	
Partnership Name: N/A	(SEAL)
By: N/A	
(Signature of general partner - attach evidence of author	rity 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., L	.TD
State of Incorporation: <u>JAPAN</u>	
Type (General Business, Professional, Service, other): GENERAL C	CONTRACTOR/ CONSTRUCTION
By:	
(Signature - attach evidence of authority to sign)	
Name (typed or printed): <u>TAKEYUKI SHIINO</u>	
Title: GENERAL MANAGER	
Attest (CORPORATE SEAL)  (Signature of Corporate Secretary)	
Business address: PO BOX 9670 TAMUNING, GUAM 96931	
PHYSICAL ADD: STE 105-107 IBC BLDG, J.L. BAKER ST. HARMON INDU	STRIAL HARMON GUAM 96913
Phone: <u>(671) 649-7521 to 24</u> Facsimile: _	
E-mail address: <u>tkshiino@smcon.co.jp</u>	(4.1.)
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	· · · · · · · · · · · · · · · · · · ·

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A Joint Venture		
First Joint Venturer Name: N/A		(SEAL)
By:N/A		
(Signature - attach evidence of autho	ority to sign)	
Name (typed or printed):N/A		
Title: N/A		
Business address: N/A		
Phone: N/A	Facsimile: N/A	
E-mail address: N/A		
Second Joint Venturer Name:N/A		(SEAL)
Ву: N/А		,
(Signature - attach evidence of autho	rity to sign)	
Name (typed or printed): N/A		
T:+10. N/A		
Don't see the N/Δ		· · · · · · · · · · · · · · · · · · ·
Phone: N/A	Facsimile: N/A	
E-mail address: N/A		
Phone and Facsimile Number, and Address for reN/A	eceipt of official communication	ns to Joint Venture:
(Each joint venturer must sign. The manner of s		
above.)		



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

# Memorandum

Exhibit C, pg 1 of 174

# **MEMORANDUM**

From: Aaron Sutton
To: Brett Railey
Date: August 2, 2022

**Project:** GWA Pressure Zone Realignment Construction Phase 1

**Re:** Contract Change Request #6 Recommendation

Design Changes at Various Sites

Cc: Jessey Mendiola

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

# **Additional Effort:**

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

In addition to the DPW comments, differing site conditions also played a factor in more work than was anticipated. For example, waterlines were not discovered in the areas shown on the 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

## Kaiser

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

### 2. Additional Work as requested by the Owner:

#### Carnation

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

### Kaiser

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

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

## 3. Additional Work Proposed by the Contractor:

### Carnation

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

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

# **Comments:**

#### 1. Material cost:

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

# 2. Time Extension

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

## 3. Bond, Insurance and Extended Overhead:

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

# **Recommendations:**

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

Regards,

**Construction Manager** 

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 AUTHORITY**Gloria B. Nelson Public Service Building
688 Route 15 Mangilao, GU 96913

THRU: Mr. AARON SUTTON PE ENV SP

Guam Office Manager

GHD, Inc.

865 S Marine Corps Dr Ste 202 Tamuning GU 96913 USA Aaron.Sutton@ghd.com

PROJECT: IFB-07-ENG-2019

PRESSURE ZONE REALIGNMENT CONSTRUCTION - PHASE 1;

GWA PROJECT NO. W18-001-BND

SUBJECT: Change Order #3 Proposal Rev 3

Dear Mr. Railey,

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

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

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

Sincerely Yours,

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 DATED: July 15, 2022

	SUMITOMO MITSUI CONSTRUCTION CO.,LTE Guam Office : P. O. Box 9670 Tamuning, Guam 96931	D.								
	Work Description	QTY	Units	MATER Rate	Amount	LA Rate	BOR Amount	Rate	QUIPMENT Amount	TOTAL Amount
	Direct Cost	1.00			163,629.29		364,625.68		103,976.54	632,231.51
A	CARNATION				7,173.35		25,839.80		20,920.00	53,933.15
A-1	CARNATION PRV 76 INSTALLATION OF TWO 12 X 6 CONCENTRIC REDUCER									
A-1	INCLUDING COUPLING RESTRAIN TYPE. EXISTING WATERLINE IS 12" DIA. DIFFER FROM PLAN DESIGN 6" DIA.				2,085.81		1,431.20		120.00	3,637.01
A 1-1	MATERIALS:  12" X 6" CONCENTRIC REDUCER, MJ x MJ, C153,				-		-		-	-
1	CML/BIT - CDMJR1206	2	EA	111.65	223.30		-		-	223.30
3	12" EZ GRIP MJ JOINT RETRAIN DEVICE 6" EZ GRIP MJ JOINT RETRAIN DEVICE	2	EA EA	121.45 49.25	242.90 98.50		-		-	242.90 98.50
4	12" 38125 EBAA RESTRAINT COUPLING	2	EA	706.43	1,412.86		-		-	1,412.86
5	12" X 2" SADDLE STAINLESS STEEL STRAP	1	EA	108.25	108.25		-		-	108.25
A 1-2	LABOR: FOREMAN 1MH X 8HRS X 2DAYS	16	MH			36.25	580.00		-	580.00
2	PLUMBER 1MH X 8HRS X 2DAYS	16	MH		-	23.20	371.20		-	371.20
3 A 1-3	HELPER 2MH X 8HRS X 2DAYS EQUIPMENT:	32	MH		-	15.00	480.00		-	480.00
1	GENERATOR AND CUTTING TOOLS I UNIT X8HRS X 1DAY	8	HRS		-		-	15.00	120.00	120.00
	THE ADDITIONAL MANPOWER AND EQUIPMENT IS FOR THE ADDITIONAL EXPLORATION, BACKFILLING AND CUTTING OF 12" D.I. PIPE THAT IS SHOWN 6" ON PLAN.				-		-		-	_
A2	12" PIPE CROSSING ROUTE 15, ADDITIONAL POT HAULING, EXCAVATION STEEL PLATE MAINTENANCE WHILE WAITING FOR GWA DECISION ON THE EXISTING UTILITIES NOT SHOWN ON PLAN - ADDITIONAL POTHOLING 3DAYS ADDITIONAL EXCAVATION INCLUDING BACFILLING AND COMPACTION OF EXTRA EXCAVATION SDAYS - ADDITIONAL STEEL PLATE MAINTENANCE 24 HOURS X 12 TIMES = 24 HOURS				1,212.80		12,346.40		17,920.00	31,479.20
A 2-1	MATERIALS:				-		-		-	-
	TRAFFIC CONTROL AND PLATE MATERIALS COLD MIX ASPHALT	3	LOT	500.00 237.60	500.00 712.80		-			500.00 712.80
A 2-2	LABOR:			207.00	-		-		-	-
	FOREMAN 1MH X 8HRS X 10DAYS LABOR 3MH X 8HRS X 10DAYS	80 240	MH		-	36.25 15.00	2,900.00 3,600.00		-	2,900.00
A 2-3	EQUIPMENT:	240	IVIII			13.00	3,000.00		-	-
	EXCAVATOR 1 UNIT X 8HRS X 10DAYS TIRE BACKHOE 1 UNIT X 8HRS X 10DAYS	80 80	HRS HRS		-	26.10 26.10	2,088.00 2,088.00	80.00 50.00	6,400.00 4,000.00	8,488.00 6,088.00
	BOOM TRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS		-	26.10	835.20	175.00	5,600.00	6,435.20
	DUMP TRUCKTRUCK 1 UNIT X 8HRS X 4DAYS	32	HRS			26.10	835.20	60.00	1,920.00	2,755.20
	THE MIDDLE OF ROUTE 15 DUE TO 12" WATERLINE AND POWER LINE NOT SHOWN ON PLAN. PLEASE ALSO NOTE THAT WE WAITED FOR GWA TO DECIDE WHAT TO DO WITH THE 12" WATERLINE. EQUIPMENT AS SHOWN ARE USED TO EXPLORE THE AREA, OPEN THE AREA REQUESTED BY GWA. AND CUTTING OF 12" GWA LINE AND CONCRETING BOTH SIDE OF PIPE						-		-	<u>-</u>
А3	PRV 15 VAULT BOTTOM CLEANING AND 3/4" CRUSH ROCK PLACING INCLUDING CONCRETING OF EXISTING VAULT PIPE OPENING LEFT - OPEN EXISTING TWO AREAS				200.00		5,241.20		1,080.00	6,521.20
A 3-1	MATERIALS: 3/4 INCH CRUSH ROCK WASHED	5	TONS	20.00	100.00		-		-	100.00
	CONCRETE MIX - 50 LBS	10	BAG	10.00	100.00		-		-	100.00
A 3-2	LABOR:					00.05	-		-	-
	FOREMAN 1MH X 8HRS X 7DAYS MASON 3MH X 8HRS X 2DAYS	56 48	MH MH		-	36.25 23.20	2,030.00 1,113.60		-	2,030.00 1,113.60
	LABOR 2MH X 8HRS X 7DAYS	112	MH		-	15.00	1,680.00		-	1,680.00
A 3-4	EQUIPMENT: TIRE BACKHOE 1 UNIT X 8HRS X 1DAY	8	HRS			26.10	208.80	50.00	400.00	608.80
	DUMP TRUCK 1 UNIT X 8HRS X 1DAY	8	HRS			26.10	208.80	60.00	480.00	688.80
	PUMP 1 UNIT X 8HRS X 1DAY	8	HRS		-		-	25.00	200.00	200.00
A4	VALVE BOX COVER ONLY NO RISER ( CONCRETING ) CARNATION TWO LOCATION				940.00		1,243.40		100.00	2,283.40
A 4-1	MATERIALS:				-		-		-	-
	VALVE BOX COVER	2	EA	220.00	440.00		-		-	440.00
A 4-2	CONCRETE MIX - 60 LBS  LABOR:	50	BAGS	10.00	500.00		-		-	500.00
	FOREMAN 1MH X 8HRS X 2DAYS	16	MH		-	36.25	580.00		-	580.00
	MASON 1MH X 8HRS X 2DAYS LABOR 1MH X 8HRS X 2DAYS	16 16	MH MH		-	23.20 15.00	371.20 240.00		-	371.20 240.00
A 4-3	EQUIPMENT:				-				-	-
	TIRE BACKHOE 1 UNIT X 2HRS	2	HRS		-	26.10	52.20	50.00	100.00	152.20
A5	ADDITONAL EXPLORATION AND CHANGING OF LEAKING VALVE LABOR:				100.00		2,676.40		1,200.00	3,976.40
	FOREMAN 1MH X 8HRS X 5DAYS LABOR 1MH X 8HRS X 5DAYS	40 40	MH MH			36.25 15.00	1,450.00 600.00			1,450.00 600.00
	EQUIPMENT:	70	IVIT			15.00	300.00			-
	TIRE BACKHOE 1 UNIT X 8 HRS X 3 DAYS	24	HRS		-	26.10	626.40	50.00	1,200.00	1,826.40
	MATERIALS: SAND BEDDING	1	LOT	100.00	100.00					100.00
A6	PRV 15 HATCH COVER INSTALLATION				2,634.74		2,901.20		500.00	6,035.94
	CUTTING OF EXISTING SLAB INCLUDING FINISHING AND DISPOSAL									-
	LABOR: FOREMAN 1MH X 8HRS X 4DAYS	32	MH			36.25	1,160.00			1,160.00
	MASON 1MH X 8HRS X 1DAY	8	MH			23.20	185.60			185.60
	LABOR 2MH X 8HRS X 4DAYS	64	MH			15.00	960.00			960.00

OWNER: GUAM WATER WORKS AUTHORITY

CHANGE ORDER # 3 REV 3 Change Order for Design Change at Various Sites DATED: July 15, 2022

	Guam Office : P. O. Box 9670 Tamuning, Guam 96931			MATER		LAE	BOR	EC	UIPMENT	TOTAL
	Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
	EQUIPMENT:									-
	CONCRETE CUTTER	8	HRS					25.00	200.00	200.0
	GENERATOR CHIPPING GUN	8	HRS					15.00	120.00	120.0
	PICK UP	2	HRS					90.00	180.00	180.0
	MATERIALS:									-
	CEMENT BAG	2	EA	10.00	20.00					20.0
	INSTALLATION OF 60 X 60 DOUBLE LEAF ALUMINUM HATCH INCLUDING									
16.5	CONCRETING AND DRAIN HANDHOLE INSTALLATION									
	LABOR:									_
	FOREMAN 1MH X 8HRS X 3DAYS	24	MH			36.25	870.00			870.0
	CARPENTER 1MH X 8HRS X 3DAYS	24	MH			23.20	556.80			556.8
	LABOR 1MH X 8HRS X 3DAYS	24	MH			15.00	360.00			360.0
	MATERIALS:									-
	60 X 60 DOUBLE LEAF ALUMINUM HATCH	1	EA	2,053.33	2,053.33					2,053.
	DRAIN HANDHOLE	1	EA	119.41	119.41					119.
	4000 PSI CONCRETE	45	BAGS	10.00	450.00					450
	EPOXY	2	EA	68.00	136.00					136
	ANCHOR	8	EA	3.00	24.00					24.
	REBAR	1	LOT	100.00	100.00					100
	DEDUCTION ON THE ROUND COVER									
6-3	INSTALLATION AS PER PLAN									
	LABOR:									
	FOREMAN 1MH X 8HRS X 2DAYS	-16	MH			36.25	(580.00)			(580.
	CARPENTER 1MH X 8HRS X 2DAYS	-16	MH			23.20	(371.20)			(371
	LABOR 1MH X 8HRS X 2DAYS	-16	MH			15.00				
		-10	IVIT			15.00	(240.00)		-	(240
	MATERIALS:									
	4000 PSI CEMENT	-10	BAGS	10.00	(100.00)					(100
	EPOXY	-1	EA	68.00	(68.00)					(68
	REBAR	-1	LOT	100.00	(100.00)					(100
В	YSENGSONG									
_	PRV 77 RELOCATED, EXTRA EXCAVATION AROUND 80LF INCLUDING PIPING				11,465.60		8,368.40		5,160.00	24,994
	BACKFILLING AND COMPACTION. TO INCLUDE UTILITY CROSSING AND									
	TRAFFIC CONTROL AND EXTRA POTHOLING DUE TO EXISTING LINE SHOWN ON									
3 1	PLAN DIFFER ON SITE				8,074.58		6,715.20		3,160.00	17,949
	- FEB 19,20,22,23 2021 AND MAY 12, 2021 ADDITIONAL POTHOLING TO FIND									
	EXISTING WATERLINE. EXISTING LINE NOT FOUND AS PER PLAN									
1-1	MATERIALS:				-		-		-	
1	12" X 20' C900 DR18 PVC PIPE	80	LF	37.72	3,017.60		-		-	3,017
2	PIPE LUBRICANT	4	QRTS	15.49	61.96				-	61
3	SAND BEDDING	24	TONS	18.00	432.00				_	432
_	SAND BEBBING		10.10	10.00	102.00					102
	12" ASBESTOS PIPE TO C900 REPAIR COUPLING									
4	RESTRAIN	2	EA	2,181.51	4,363.02		-		-	4,363
5	MISC. MATERIALS	1	LOT	200.00	200.00		-		-	200
	LABOR:				_		-			
	EXTRA EXCAVATION AROUND 80LF INCLUDING PIPING BACKFILLING AND									
	COMPACTION. TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL AND									
	EXTRA POTHOLING DUE TO EXISTING LINE SHOWN ON PLAN DIFFER ON SITE				-		-		-	
	FOREMAN 1MH X 8HRS X 10DAYS	80	MH		-	36.25	2,900.00		-	2,900
	PLUMBER 1MH X 8HRS X2DAY	16	MH		-	23.20	371.20		-	371
	HELPER 2MH X 8HRS X 10DAYS	160	MH		-	15.00	2,400.00		-	2,400
1-3	EQUIPMENT:				-		-		-	
	GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X	_								
	IDAY	8			-		-	15.00	120.00	120
	EXCAVATOR 1UNIT X 8HRS X 4DAYS	32			-	26.10	835.20	80.00	2,560.00	3,395
	DUMP TRUCK	8	Hour			26.10	208.80	60.00	480.00	688
1-	DEDUCTION FOR ELECTRICAL DUCTLINE				(1,073.08)		(2,413.20)		(1,200.00)	(4,686
	LABOR:									
	FOREMAN 1MH X 8HRS X 3DAYS	-24	HRS			36.25	(870.00)		-	(870
	ELECTRICIAN 1MH X 8HRS X 3DAYS	-24	MH			23.20	(556.80)			(556
	HELPER 1MH X 8HRS X 3DAYS	-24	MH			15.00	(360.00)			(360
	EQUIPMENT:									
	TIRE BACKHOE 1UNIT X 8HRS X 3DAYS	-24				26.10	(626.40)	50.00	(1,200.00)	(1,826
	MATERIALS:								1	
	PVC PIPE	-1	LOT	200.00	(200.00)					(200
	3000 CONCRETE	-2	CY	136.54	(273.08)					(273
	2X4 HANDHOLE									
		-1	LOT	500.00	(500.00)					(500
	MISC. MATERIALS	-1	LOT	100.00	(100.00)					(100
,_	ADDITIONAL TRAFFIC CONTROL DUE TO				4 005 00		4 477 00		2 000 00	
2	RELOCATION OF PRV 77				1,225.00		1,477.60		2,800.00	5,502
	MATERIALS:	1								
	CONCRETE BARRIER	1	LOT	500.00	500.00				-	500
2-	ORANGE FENCE 100LF	5	EA	145.00	725.00				_	725
2-				140.00	723.00		- :			
2-			1			20.05				F00
	LABOR:		1000		-	36.25	580.00		-	580
	LABOR: 2 FOREMAN 1MH X 8HRS X 2DAYS	16	MH			15.00	480.00		-	480
	LABOR: 2 FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS	16 32	MH MH							
2-2	LABOR: FOREMAN 1 MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT:		MH							
2-2	LABOR: 2 FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS					26.10	417.60	175.00	2,800.00	3,217
2-2	LABOR: FOREMAN 1 MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT:	32	MH					175.00		
2-2	LABOR: FOREMAN 1 MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT:	32	MH				417.60	175.00	2,800.00	
1.2	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK I UNIT X 8HRS X 2DAYS	32	MH				417.60	175.00	2,800.00	
	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK   UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE	32	MH				417.60	175.00	2,800.00	
2-:	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK I UNIT X 8HRS X 2DAYS	32	MH				417.60	175.00	2,800.00	
3	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER ZMM X 8HRS X 2DAYS EQUIPMENT: 800M TRUCK I UNIT X 8HRS X 2DAYS ASPHALT RESTORATION INCLUDING FLOWABLE FILL	32	MH				417.60	175.00	2,800.00	
3	LABOR: 2 FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT: 3 BOOM TRUCK I UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE FILL MATERIALS:	16	MH		3,239.10		417.60 - - - 2,588.80	175.00	2,800.00	6,22
2-:	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER ZMH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK I UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE FILL  MATERIALS: FLOWABLE CONCRETE	32	MH	118.00	3,239.10		417.60	175.00	2,800.00	6,22
2-:	LABOR: 2 FOREMAN 1MH X 8HRS X 2DAYS HELPER 2MH X 8HRS X 2DAYS EQUIPMENT: 3 BOOM TRUCK I UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE FILL MATERIALS:	16	MH	118.00 237.00	3,239.10		417.60 - - - 2,588.80	175.00	2,800.00	3,217 <b>6,227</b> 1,416 2,251
2-:	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER ZMH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK I UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE FILL  MATERIALS: FLOWABLE CONCRETE	32 16	MH HRS		3,239.10		417.60 - - 2,588.80	175.00	2,800.00	<b>6,227</b> 1,416
3	LABOR: FOREMAN 1MH X 8HRS X 2DAYS HELPER ZMH X 8HRS X 2DAYS EQUIPMENT: BOOM TRUCK I UNIT X 8HRS X 2DAYS  ASPHALT RESTORATION INCLUDING FLOWABLE FILL MATERIALS: FLOWABLE CONCRETE HOT MIX ASPHALT	32 16 12 10	MH HRS  CY TONS	237.00	3,239.10 1,416.00 2,251.50		417.60 - - 2,588.80	175.00	2,800.00	6,227 1,416 2,25

#### OWNER: GUAM WATER WORKS AUTHORITY

DATED: July 15, 2022

	Box 9670 Tamuning, Guam 96931			MATER			BOR		QUIPMENT	TOTAL
	Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
LABOR 6MH X 8HRS X 3DAYS  -3 EQUIPMENT:		144	MH		-	15.00	2,160.00			2,160.0
TIRE BACKHOE 1UNIT X 8HRS X2DAYS		16	HRS		-	26.10	417.60	50.00	800.00	1,217.
DUMP TRUCK 1UNIT X 8HRS X 1DAY		8	HRS		-	26.10	208.80	60.00	480.00	688.8
DEDUCT FOR ELECTRICAL DUCT LINE										
MATERIALS:										
HOT MIX ASPHALT SS-1		-2	TONS	237.00	(474.00)					(474.
33-1		-1	GAL	11.40	(11.40)					(11.
LABOR:										
FOREMAN 1MH X 8HRS X 1DAY		-8	MH			36.25	(290.00)			(290.
LABOR 3MH X 8HRS X 1DAY		-24	MH			15.00	(360.00)			(360
EQUIPMENT:			LIDO			00.40	(200.00)	50.00	(400.00)	(000
TIRE BACKHOE 1UNIT X 8HRS X1DAY DUMP TRUCK 1UNIT X 8HRS X 1DAY		-8 -8	HRS			26.10 26.10	(208.80) (208.80)	50.00 60.00	(400.00) (480.00)	(608 (688
Bom Head form Admic A IBA			1			20.10	(200.00)	00.00	(400.00)	(000)
CLARA PRV					10,452.19		32,116.00		25,960.00	68,528
EXTRA EXCAVATION AROUND 40LF IN	CLUDING BACKFILLING AND									
1 COMPACTION. TO INCLUDE UTILITY C					7,493.20		7,096.80		7,280.00	21,870.
1-1 MATERIALS:					-		-		-	
12" X 20' C900 DR18 PVC PIPE		60	LF	37.72	2,263.20		-			2,263
PIPE LUBRICANT		12	QRTS TONS	15.49	30.98		-		-	30
SAND BEDDING RESTRAIN		12	EA	18.00 2,181.51	216.00 4,363.02		-			216 4,363
8" X 45 DIG ELBOW MJ X MJ RETRAIN T	YPE	4	EA	155.00	620.00		-			4,363
		•		155.00	320.00				i	
1-2 LABOR:					-		-		-	
FOREMAN 1MH X 8HRS X 11DAYS		88	MH		-	36.25	3,190.00		-	3,190
PLUMBER 1MH X 8HRSX 1DAY		8	MH		-	23.20	185.60		-	185
HELPER 1MH X 8HRS X 11DAYS EQUIPMENT:		88	MH		-	15.00	1,320.00		-	1,320
EXCAVATOR 1UNIT X 8HRS X 11DAYS		88	HRS		-	26.10	2,296.80	80.00	7,040.00	9,336
DUMP TRUCK		4	HRS			26.10	104.40	60.00	240.00	344
ELECTRICAL WORKS ARE ALREADY O	ONSIDERED. REVISED TO SHOW									
ELECTRICAL DEDUCTION										
-3 DEDUCTION FOR ELECTRICAL DUCTL LABOR:	INE .				(973.08)		(1,608.80)		(800.00)	(3,381
FOREMAN 1MH X 8HRS X 2DAYS		-16	HRS		_	36.25	(580.00)		_	(580
ELECTRICIAN 1MH X 8HRS X 2DAY		-16	MH		-	23.20	(371.20)		· ·	(371
HELPER 1MH X 8HRS X 2DAYS		-16	MH			15.00	(240.00)			(240
EQUIPMENT:							, , , , ,			
TIRE BACKHOE 1UNIT X 8HRS X 2DAYS	3	-16				26.10	(417.60)	50.00	(800.00)	(1,217
MATERIALS:										
PVC PIPE 3000 CONCRETE		-1 -2	LOT	100.00	(100.00)					(100
2X4 HANDHOLE		-2 -1	LOT	136.54 500.00	(273.08) (500.00)					(273
MISC. MATERIALS		-1	LOT	100.00	(100.00)					(100
					()					(,,,
2 ADDITIONAL POTHOLING					-		7,634.40		9,440.00	17,074
MAR 20 AND 30, 2021 POTHOLING AS F	ER									
					-		-		-	
MAR 31 TO APRIL 1, 2021ADDITONAL P					-		-		-	
APR. 8 2021 ADDITIONAL POTHOLING 6 TOWARDS NORTH DIRECTION	" FROM FIRST VALVE MAKES 90 DEG								_	
	3" AND 10" INSIDE FENCE GOLF COURES									
MAY 3, 2021 ADDITIONAL PTHOLING 8"					-				-	
FENCE. FOUND THE ASBESTOS 8" AFT	ER FENCE				-		-			
LINE NOT FOUND BIG ROCK	NEAR GOLF COURSE TO FIND 8" AND 12"				_		_			
MAY 12, 2021 POTHOLING BACKFILLING	G ABOVE EXCAVATION				-		-		-	
MAY 13 TO 14 2021 ADDITIONAL POTH	DLING NEAR GOLF COURSE REQUESTED									
TO EXTEND SOUTH SIDE TO FIND 8" A MAY 15, 2021ADDITONAL POTHOLING	ND 12" NOT FOUND 10" CONNECTION AND 12" T. FOUND 10"				-		-			
CONNECTION FROM CI TO ACP, 12" PV										
DEG ELBOW MAY 17 TO 18, 2021 BACKFILLING OF A	ILL REMAINING OPEN TRENCH				-		-		- +	
POTHOLING					-		-			
-2 LABOR: FOREMAN 1MH X 8HRS X 14DAYS		96			-	20.05	2 400 00		-	
HELPER 1MH X 8HRS X 14DAYS		96			-	36.25 15.00	3,480.00 1.440.00			3,480
-3 EQUIPMENT:						10.00	1,440.00			1,440
EXCAVATOR 1UNIT X 8HRS X 12DAYS		96			-	26.10	2,505.60	80.00	7,680.00	10,185
COMPACTOR 1UNIT X 8HRS X 3DAYS		24			-			15.00	360.00	360
BOOM TRUCK 1UNIT X 8HRS X 1DAY		8			-	26.10	208.80	175.00	1,400.00	1,60
					-		-		-	
ADDITONAL TRAFFIC CONTROL MAIN	FENANCE									
AND ERRODED SOIL RE EXCAVATION					-		3,694.00		2,000.00	5,694
-1 LABOR;					-				-	
FOREMAN 1MH X 8HRS X 5DAYS		40	MH		-	36.25	1,450.00		-	1,45
HELPER 2MH X 8HRS X 5DAYS		80	MH		-	15.00	1,200.00		-	1,200
-2 EQUIPMENT: TIRE BACKHOE I UNIT X 8HRS X 5DAYS		40	HRS		-	26.10	1.044.00	50.00	2,000,00	3.04
	KFILLING OF CLARA ROAD CROSSING	40			-	∠0.10	1,044.00	50.00	2,000.00	3,044
DUE TO OUTAGE RE SCHEDULE INCLI										
4 CONTROL					1,566.84		7,686.80		5,560.00	14,813
			1	i	1					

#### OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3 DATED: July 15, 2022

	Guam Office : P. O. Box 9670 Tamuning, Guam 96931  Work Description	QTY	Units	MATER Rate	IAL Amount	LAE Rate	3OR Amount	EQ Rate	UIPMENT Amount	TOTAL
FOR	REMAN 1MH X 8HRS X 7DAYS	56	MH	11010	Amount	36.25	2,030.00	ruto	Zunount	2,030.0
	PER 2MH X 8HRS X 7DAYS	112	МН			15.00	1,680.00			1,680.
	PER TRAFFIC CONTROL 2MP X 8HRS X 7DAYS	112	MH			15.00	1,680.00			1,680.
	JIPMENT:						-			
	E BACKHOE I UNIT X 8HRS X 7DAYS	56 56	HRS HRS			26.10	1,461.60	50.00	2,800.00	4,261.
	MPACTOR I UNIT X 8HRS X 7DAYS  MP TRUCK I UNIT X 8HRS X 4DAYS	32	HRS			26.10	835.20	15.00 60.00	840.00 1,920.00	840. 2,755.
	TERIALS:					20.10	033.20	00.00	1,320.00	2,750.
SAN		34	TONS	18.00	618.84				-	618
COL	.D MIX ASPHALT	4	TONS	237.00	948.00				-	948
ADD	DITIONAL POTHOLING TWO EXISTING VALVES REQUESTED BY GWA,									
	PLACE DAMAGE RISER PIPES AND PROVIDE NEW CONCRETE COLLAR RING THE OUTAGE FOR 8" PIPE INSTALLATION				1,655.23		3,770.80		2,080.00	7,506
-	BOR:				1,000.20		3,770.00		2,000.00	7,500
FOR	REMAN 1MH X 8HRS X 6DAYS	48	MH			36.25	1,740.00			1,740
HEL	PER 1MH X 8HRS X 6DAYS	48	MH			15.00	720.00			720
	SON 1MP X 8HRS X 2DAYS	16	MH			23.20	371.20			371
_	JIPMENT:		une				-			
	E BACKHOE I UNIT X 8HRS X 4DAYS	32	HRS			26.10	835.20	50.00	1,600.00	2,435
	MPACTOR I UNIT X 8HRS X 2DAYS  MP TRUCK I UNIT X 4HRS	16 4	HRS			26.10	104.40	15.00 60.00	240.00	240 344
	FERIALS:					20.10	104.40	00.00	240.00	344
SAN		4	Ton	18.00	72.00				-	72
_	MENT BAG 4000 PSI	75	BAGS	10.00	750.00		-		-	750
FOR	RMS AND REBAR	1	LOT	100.00	100.00		-		-	100
_	II. PIPE	3	LGHT	125.00	375.00		-		-	375
VAL	VE COVER	3	EA	119.41	358.23				-	358
	ANCING OF CORPORED CHAPTERING FENCE				740.00		1.400.00		400.00	2.510
_	ANGING OF CORRODED CHAINLINK FENCE				710.00		1,400.00		400.00	2,510
_	REMAN 1MH X 8HRS X 2DAYS	16	MH			36.25	580.00			580
	PER 1MD X 8HRS X 2DAYS	16	MH			15.00	240.00			240
_	RPENTER 1MP X 8HRS X 2DAYS	16	MH			23.20	371.20			371
	JIPMENT:						-			
TIRE	E BACKHOE I UNIT X 8HRS X 1DAY	8	HRS			26.10	208.80	50.00	400.00	608
	TERIALS:									
_	ANLINK FENMCE	50 1	LF LOT	12.20	610.00					610
MIS	C. MATERIALS	'	LOI	100.00	100.00					100
8 RE	CHLORINATION DUE TO DELAY OUTAGE						2,442.00			2,442
	BOR;									
_	REMAN 1MH X 8HRS X 2DAYS	16	MH			36.25	580.00			580
_	PER 1MH X 8HRS X 2DAYS	16	MH			15.00	240.00			240
ALM	IER SANTOS PROPOSAL	1	LOT			1,622.00	1,622.00			1,622
	SER PRV				69,629.34		25,744.50		18,990.00	114,363
	7 79 EXTRA EXCAVATION AROUND 160LF INCLUDING PIPING BACKFILLING DOMPACTION. TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL									
AND	EXTRA POTHOLING DUE TO EXISTING LINE SHOWN ON PLAN DIFFER ON									
1 SITE					16,839.82		8,740.40		4,160.00	29,740
	CT. 29, 30, 2020 EXPLORATION OF MM43A									
EXIS	STING LINE NOT FOUND						•		-	
NOV	V1. 2.4.5AND 10 ADDITIONAL POTHOLING NEAR									
	RINE CORP DRIVE INCLUDING BACKFILLING -									
JAN	I 30, FEB 1 2, 3 , FEB 6 AND 10 ,									
	1ADDITIONAL POTHOLING INNER ROAD AS PER 32 EXISTING LINE NOT FOUND				.		_		_	
_	PR. 26, 28 AND 29, 2021 ADDITIONAL									
POT	THOLING FOR EXISTING 16" AND 14" EXISTING									
	E NEAR THE GATE	-			-		-		-	
	F. <mark>18</mark> AND <mark>26</mark> 2021 ADDITIONAL POTHOLING AT FE TANK ENTRANCE OUTLET SIDE REQUESTED									
BY (	GWA TO EXPLORE THE EXISTING GATE VALVE									
100	NNECTION F. 27,28,2021 ADDITIONAL POTHOLING AT TANK	ļ					-		-	
INLE	ET LINE REQUESTED BY GWA TO EXPLORE									
	/.1.2.4. 5 AND 10 2021 ADDITIONAL POTHOLING									
NEA	AR THE ROAD REQUESTED BY GWA TO									
	PLORE THE CONNECTION OF EXISTING 16"  VE AND 12" LINE ALONG THE ROAD MAY 26.27									
JUN	IE 1,2 AND 3 EXPLORATION NEAR EXISTING									
STO	DRAGE AREA FOR MM43A CONNECTION				-		-		-	
BAC	CKFILLING AND COMPACTION OF ALL									
	THOLING AREA 5DAYS				-		-		-	
	PHALT RESTORATION OF ALL POTHOLING									
ARE	EA 5DAYS				-		-		-	
	TERIALS:				-				-	
14X	14 X 12 D.I. TEE MJ X MJ RESTRAIN TYPE	1	EA	733.94	733.94		-		-	733
12"	X 45 DEG D.I. ELBOW MJ X MJ RESTRAIN TYPE	6	EA	249.33	1,495.98		- 1		_	1,495
12"	X 12" X 12" D L TEE M.LX M.LRESTRAIN TYPE	1	EA	418.88	418.88		-		-	41
NEE	REPAIR COUPLING RESTRAIN TIPE (DEA EDED NEW LAYOUT MINUS 2 ON AS PER									
	GINAL PLAN)	4	EA	711.44	2,845.76		-		-	2,845
12"	X 90 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE	1	EA	301.46	301.46				_	30
_	D.I. BLIND PLUG MJ TYPE	1	EA	121.95	121.95					12
_	EZ GRIP MJ JOINT RETRAIN DEVICE	17	EA	152.17	2,586.89		-		-	2,586
	EZ GRIP MJ JOINT RETRAIN DEVICE	2	ea	131.78	263.56				-	263
12" (	C900 PIPE ( TOTAL LENGTH NEW LOC 180' US ASPER ORIGINAL PLAN PIPE LENGTH 20' )	120	LF	37.72	4,526.40					4,52

#### OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3 DATED: July 15, 2022

	Guam Office: P. O. Box 9670 Tamuning, Guam 96931		0.2	MATER			BOR		QUIPMENT	TOTAL
_	Work Description	QTY 15	Units Gallon	Rate	Amount	Rate	Amount	Rate	Amount	Amount
	881	15	Gallon	11.40	171.00		•		-	171.00
1-	LABOR: FOREMAN 1MH X 8HRS X 29 DAYS	232	MH		-	20.05	0.440.00		-	8,410.00
	PLUMBER 1MH X 8HRSX 2DAYS	16	MH		-	36.25 23.20	8,410.00 371.20		-	371.20
	HELPER 1MH X 8HRS X 29 DAYS	232	MH			15.00	3,480.00			3,480.00
1.	EQUIPMENT:	202			- :	15.00	3,400.00			3,400.0
15	GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X		LIDO		-				-	
	1DAY	8	HRS		-			15.00	120.00	120.0
	EXCAVATOR 1UNIT X 8HRS X 12DAYS	96	HRS		-	26.10	2,505.60	80.00	7,680.00	10,185.6
	DUMP TRUCK 1UNIT X 8HRS X 1DAY	8	HRS		-			60.00	480.00	480.0
	DEDUCT ORIGINAL EXCAVATION AROUND 20LF INCLUDING BACKFILLING AND COMPACTION. TO									
	INCLUDE UTILITY CROSSING AND TRAFFIC				-				-	-
	FORESTAN AND VOLUME VOR AVE	-16	MH							
	FOREMAN 1MH X 8HRS X 2DAYS	-16	MH		-	36.25	(580.00)			(580.0
	PLUMBER 1MH X 8HRSX 2DAYS HELPER 2MH X 8HRS X 2DAYS	-32	MH		-	23.20	(371.20)		-	(371.2
	TRAFFIC CONTROL - DEDUCTION	-32	IVIII		-	15.00	(480.00)		-	(480.0
	Cone and delineator install - Helper 2 x 8 x 2 days	-32	MH			15.00	(480.00)			(480.0
		-2			-	13.00	(400.00)			
	Signs	-2	Ea	95.00	(190.00)		-		-	(190.0
	EQUIPMENT: GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X				-				-	-
	2DAYS	-16	HRS		-			15.00	(240.00)	(240.0
	EXCAVATOR 1UNIT X 8HRS X 2DAYS	-16	HRS			26.10	(417.60)	80.00	(1,280.00)	(1,697.6
					-					, ,,==
	DEDUCTION INSTALLATION OF 80LF 14"									
	WATERLINE				-				-	
	LABOR:				-				-	
	FOREMAN 1MH X 8HRS X 3DAYS	-24	MH		-	36.25	(870.00)		-	(870.0
	PLUMBER 1MH X 8HRSX 3DAYS	-24	MH		-	23.20	(556.80)		-	(556.8
	HELPER 2MH X 8HRS X 3DAYS	-48	MH			15.00	(720.00)		-	(720.0
	EQUIPMENT:				-		-		-	
	TIRE BACKHOE 1 UNIT X 8HRS X 3DAYS	-24	HRS		-	26.10	(626.40)	50.00	(1,200.00)	(1,826.4
	DEDUCT REPLACING MM12C METER				-				- 1	
	FOREMAN 1MH X 8HRS X 1DAY	-8	MH		-	36.25	(290.00)		-	(290.0
	PLUMBER 1MH X 8HRSX 1DAY	-8	MH		-	23.20	(185.60)			(185.6
	HELPER 2MH X 8HRS X 1DAYS	-16	MH		-	15.00	(240.00)		-	(240.0
	EQUIPMENT:				-		-		-	
	BOOM TRUCK1 UNIT X 8HRS X 1DAY	-8	HRS		-	26.10	(208.80)	175.00	(1,400.00)	(1,608.8
					-		-		- 1	-
	KAISER PRV 43A AND 43B TO INCLUDE UTILITY CROSSING AND TRAFFIC CONTROL DUE TO EXISTING LINE NOT SHOWN ON PLANS DIFFERENT				24 244 22		4.057.00		4.500.00	42.000.0
D 2	SITE CONDITION				34,211.09		4,857.20		4,560.00	43,628.2
2-	MATERIALS:									
	12" C900 PIPE ( TOTAL LENGTH NEW LOC 40' MINUS ASPER ORIGINAL PLAN PIPE LENGTH 20')	20	LF	37.72	754.40				_	754.4
	WINGO AGI EN GRIGINAET EART II E EENGTITZO )	20		37.72	734.40		-		-	7.54.
	16"X 16" TEE D.I. MJ X MJ RESTRAIN TYPE	2	EA	956.08	1,912.16				-	1,912.
	16" X 45 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE 16" BUTTERFLY VALVE ORIGINAL PLAN 2EA NEW	2	EA	487.78	975.56		-		-	975.5
	LAYOUT 3EA	1	EA	2,899.77	2,899.77				_	2,899.7
				_,	_,					_,,,,,,,,,
	16" C900 PIPE DR 18	40	LF	65.64	2,625.60				-	2,625.6
	16" X 45 DEG. D.I. ELBOW MJ X MJ RESTRAIN TYPE									
	FOR PRV 43B EXISTIN LINE OFFSET	2	EA	487.78	975.56		-		-	975.5
	16" REPAIR COUPLING RESTRAIN TYPE	2	EA	3,919.30	7,838.60		_		_	7,838.
	16" EZ GRIP MJ JOINT RETRAIN DEVICE	16	EA	205.28	3,284.48		-		-	3,284.
	RESTRAIN	2	EA	2,181.51	4,363.02		_			4,363.0
	RESTRAIN	2	EA	3,954.45	7,908.90		_			7,908.
	PIPE LUBE	8	QRTS	15.38	123.04				_	123.
	16 X 11 1/4" DEG ELBOW MJ X MJ RETRAIN TYPE				120.04					550.
				550.00	550.00					550.
2-		1	EA	550.00	550.00				- 1	-
2-	LABOR:			550.00		36.25	1.450.00			1 450 1
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS	1	EA	550.00			,			.,
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS	1 40	EA MH	550.00		23.20	928.00			928.
	LABOR: FOREMAN 1 MH X 8HRS X 5AYS PLUMBER 1 MH X 8HRS X 5DAYS HELPER 1 MH X 8HRS X 5DAYS	1 40 40	EA MH MH	550.00			,			928.0
	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT:	1 40 40	EA MH MH	550.00		23.20 15.00	928.00 600.00	50.00	-	928. 600.
	LABOR: FOREMAN 1 MH X 8HRS X 5AYS PLUMBER 1 MH X 8HRS X 5DAYS HELPER 1 MH X 8HRS X 5DAYS	40 40 40 40	MH MH MH	550.00		23.20 15.00 26.10	928.00 600.00 - 1,044.00	50.00	- - - 2,000.00	928.0 600.0 - 3,044.0
	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS	40 40 40 40	MH MH MH HRS	550.00	- - - -	23.20 15.00	928.00 600.00	50.00 80.00	-	1,450.0 928.0 600.0 - 3,044.0 3,395.2
	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS	40 40 40 40	MH MH MH HRS	550.00	- - - -	23.20 15.00 26.10	928.00 600.00 - 1,044.00		- - - 2,000.00	928.0 600.0 - 3,044.0
	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF	40 40 40 40	MH MH MH HRS	550.00		23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20		2,000.00 2,560.00	928.0 600.0 - 3,044.0 3,395.2
) 2- D3	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER	40 40 40 40	MH MH MH HRS	550.00	- - - -	23.20 15.00 26.10	928.00 600.00 - 1,044.00		- - - 2,000.00	928.0 600.0 - 3,044.0
) 2- D3	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER	40 40 40 40	MH MH MH HRS	550.00		23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20		2,000.00 2,560.00	928.0 600.0 3,044.0 3,395.2
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS:	40 40 40 40	EA MH MH MH HRS HRS		11,467.45	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20		2,000.00 2,560.00	928.0 600.0 - 3,044.0 3,395.2 - <b>27,117.</b> 3
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER	1 40 40 40 40 32	MH MH MH HRS	129.65	- - - - - - - - - - - - - - - - - - -	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20 - 7,650.40		2,000.00 2,560.00 -	928.6 600.0 3,044.6 3,395.2 - 27,117.4
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" BLIND FLANGE 8" BING SET STAINLESS STEEL	40 40 40 40 32	EA MH MH MH HRS HRS	129.65 27.68	- - - - - - - - - - - - - - - - - - -	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20 - 7,650.40		2,000.00 2,560.00 - 8,000.00	928.600.1 - 3,044.1 3,395.2 - 27,117.3 - 518.1
) 2- D3	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS: 8" BLIND FLANGE 8" BING SET STAINLESS STEEL	40 40 40 40 32 4.00 4.00 1.00	EA MH MH HRS HRS EA EA EA	129.65 27.68 77.52	11,467.45 518.60 110.72	23.20 15.00 26.10	928.00 600.00 1,044.00 835.20 - 7,650.40		2,000.00 2,560.00 - 8,000.00	928.600.1 - 3,044.1 3,395.3 - 27,117.3 - 518.6 110.77.3
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" BLIND FLANGE 8" BING SET STAINLESS STEEL	40 40 40 40 32 4.00 4.00 1.00	EA MH MH HRS HRS EA EA EA EA	129.65 27.68 77.52 77.52	11,467.45 	23.20 15.00 26.10	928.00 600.00 1,044.00 835.20 - 7,650.40		2,000.00 2,560.00 - 8,000.00	928. 600. - 3,044. 3,395. <b>27,117.</b> - 518. 110. 77.
2-	LABOR: FOREMAN JIM X SHRS X 5AYS PLUMBER 1MH X SHRS X 5DAYS HELPER 1MH X SHRS X 5DAYS HELPER 1MH X SHRS X 5DAYS EQUIPMENT: TIRE BACKHOE JUNIT X SHRS X 5DAYS EXCAVATOR JUNIT X SHRS X 5DAYS EXCAVATOR JUNIT X SHRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" MJ PLUG 8" BIND FLANGE 8" SHOS SET STAINLESS STEEL 8" MJ PLUG 8" MJ CAP RESTRAIN TYPE 8" EZ GRIP MJ JOINT RETRAIN DEVICE	40 40 40 40 32 4.00 4.00 1.00	EA MH MH HRS HRS EA EA EA	129.65 27.68 77.52 77.52 59.86	11,467.45 - - - 518.60 110.72 77.52 119.71	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20 - - - - - -		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. - 518. 110. 77. 119.
2-	LABOR: FOREMAN 1MH X 8HRS X 5AYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS: 8" BLIND FLANGE 8" BNG SET STAINLESS STEEL 8" MI PLUG 8" MI CAP RESTRAIN TYPE 1" Z MI CAP RESTRAIN TYPE 1" Z MI CAP RESTRAIN TYPE 1" Z MI CAP RESTRAIN TYPE	40 40 40 32 4.00 4.00 1.00 2.00	EA MH MH HRS HRS EA EA EA EA EA EA	129.65 27.68 77.52 77.52 59.86 121.95	11,467.45 	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20 - - - -		2,000.00 2,560.00 8,000.00	928. 600. - 3,044. 3,395. - 27,117. - 518. 110. 77. 77. 119. 243.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8° PRV OR METER  MATERIALS: 8° BLIND FLANGE 8° BNG SET STAINLESS STEEL 8° BU MJ CAP RESTRAIN TYPE 8° EZ GRIP MJ JOINT RETRAIN DEVICE 12° ML CAP RESTRAIN TYPE 12° LIZE ML CAP RESTRAIN TYPE	4.00 4.00 4.00 4.00 4.00 4.00 2.00 2.00	EA MH MH MH HRS HRS	129.65 27.68 77.52 59.86 121.95	11,467,45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 119. 243. 1,167.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: THE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS:  8" BLIND FLANGE 8" BING SET STAINLESS STEEL 8" M PLUG 8" M CAP RESTRAIN TYPE 9" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 12" X 12 X12 D. I TEE MJ X MJ RETRAIN TYPE 12" Megalog MJ Restrained	4.00 4.00 4.00 4.00 4.00 1.00 2.00 2.00 3.00	EA MH MH MH HRS HRS  EA EA EA EA EA EA EA EA EA	129.65 27.68 77.52 77.52 59.86 121.95	11,467.45 	23.20 15.00 26.10	928.00 600.00 - 1,044.00 835.20 - - - -		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 119. 243.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8° PRV OR METER  MATERIALS: 8° BLIND FLANGE 8° BNG SET STAINLESS STEEL 8° BU MJ CAP RESTRAIN TYPE 8° EZ GRIP MJ JOINT RETRAIN DEVICE 12° ML CAP RESTRAIN TYPE 12° LIZE ML CAP RESTRAIN TYPE	4.00 4.00 4.00 4.00 4.00 4.00 2.00 2.00	EA MH MH MH HRS HRS	129.65 27.68 77.52 77.52 59.86 121.95 1,167.72 311.55	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928 600 3,044 3,395 27,117. 518 110 77. 77. 119 243 1,167
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: THE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS:  8" BLIND FLANGE 8" BING SET STAINLESS STEEL 8" M PLUG 8" M CAP RESTRAIN TYPE 9" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 12" X 12 X12 D. I TEE MJ X MJ RETRAIN TYPE 12" Megalog MJ Restrained	4.00 4.00 4.00 4.00 4.00 2.00 2.00 3.00 2.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 59.86 121.95 1,167.72 311.55	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928 600 3,044 3,395 27,117. 518 110 77. 77. 119 243 3,1,167 934
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" BLIND FLANGE 8" BLIND FLANGE 8" BIN SET STAINLESS STEEL 8" MJ PLUG 8" MJ CAP RESTRAIN TYPE 12" AS EXERTINAL TYPE 12" NEGALOG MIN RESTRAIN TYPE 12" AS EXERTINAL SET STAINLESS TRAIN TYPE 12" AS EXERTINAL SET STAINLESS STEEL SET STAINLESS SET SET STAINLESS SET SET STAINLESS SET SET SET SET SET SET SET SET SET	4.00 4.00 4.00 4.00 4.00 1.00 2.00 2.00 2.00 2.00 2.00 2.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 77.52 59.86 121.95 1.167.72 311.55	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 243. 1,167. 934.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS: 8" BLIND FLANGE 8" BUST STAINLESS STEEL 8" MU PLUG 8" MU CAP RESTRAIN TYPE 12" MI SAID STAINLESS AT SELEMOW MIJ X MI RESTRAIN TYPE 12" ASBESTOS PIPE TO C900 REPAIR COUPLING RESTRAIN 12" EX GRIP MI JOINT RETRAIN DEVICE	4.00 4.00 4.00 4.00 4.00 2.00 2.00 3.00 2.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 59.86 121.95 1,167.72 311.55	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 119. 243. 1,167. 934.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" BLIND FLANGE 8" BUSET STAINLESS STEEL 8" MJ PLUG 8" MJ CAP RESTRAIN TYPE 8" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 12" ASSESTOS PIPE TO C900 REPAIR COUPLING RESTRAIN 12" EX SERSTOS PIPE TO C900 REPAIR COUPLING RESTRAIN 12" EX GRIP MJ JOINT RETRAIN DEVICE	4.00 4.00 4.00 4.00 4.00 1.00 2.00 2.00 2.00 2.00 2.00 2.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 77.52 59.86 121.95 1,167.72 311.55 198.84 2,166.15	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 119. 243. 1,167. 934.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS: 8" BLIND FLANGE 8" BLIND FLANGE 8" MU PLUG 8" MU CAP RESTRAIN TYPE 9" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 12" MG AD RESTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN 15" EXTRAIN TYPE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN TYPE 10" EX GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN TYPE 10" EX GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING	4.00 4.00 4.00 1.00 1.00 2.00 2.00 2.00 2.00 2.00 1.00 3.00 2.00 2.00 1.00 3.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 77.52 59.86 121.95 1.167.72 311.55 198.84 2.166.15 114.39	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928: 600. 600. 600. 600. 600. 600. 600. 600
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER MATERIALS: 8" MJ PLUG 8" BIND FLANGE 8" BING SET STAINLESS STEEL 8" MJ PLUG 8" MJ CAP RESTRAIN TYPE 12" AS PLASTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" AS SEESTOS PIPE TO C900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MG SEESTON BIPE TO C900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO C900 REPAIR COUPLING RESTRAIN MISC MATERIALS	4.00 4.00 4.00 4.00 2.00 2.00 2.00 2.00	EA MH MH MH HRS HRS EA	129.65 27.68 77.52 77.52 59.86 121.95 1,167.72 311.55 198.84 2,166.15	11,467.45 	23.20 15.00 26.10	928.00 600.00 1,044.00 835.20 7,650.40		2,000.00 2,560.00 3,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 119. 243. 1,167. 934.
2-	LABOR: FOREMAN 1MH X 8HRS X 5DAYS PLUMBER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS HELPER 1MH X 8HRS X 5DAYS EQUIPMENT: TIRE BACKHOE 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 5DAYS EXCAVATOR 1UNIT X 8HRS X 4DAYS  KAISER PRV ABANDONMENT AND REMOVAL OF EXISTING 8" PRV OR METER  MATERIALS: 8" BLIND FLANGE 8" BLIND FLANGE 8" MU PLUG 8" MU CAP RESTRAIN TYPE 9" EZ GRIP MJ JOINT RETRAIN DEVICE 12" MJ CAP RESTRAIN TYPE 12" MG AD RESTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" Megalog MJ RESTRAIN TYPE 12" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 12" EZ GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN 15" EXTRAIN TYPE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN TYPE 10" EX GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING RESTRAIN 15" EXTRAIN TYPE 10" EX GRIP MJ JOINT RETRAIN DEVICE 10" ASBESTOS PIPE TO G900 REPAIR COUPLING	4.00 4.00 4.00 1.00 1.00 2.00 2.00 2.00 2.00 2.00 1.00 3.00 2.00 1.00 3.00 1.00 3.00	EA MH MH HRS HRS EA	129.65 27.68 77.52 77.52 59.86 121.95 1.167.72 311.55 198.84 2.166.15 114.39	11,467.45 	23.20 15.00 26.10	928.00 600.00 11,044.00 835.20 7,650.40		2,000.00 2,560.00 8,000.00	928. 600. 3,044. 3,395. 27,117. 518. 110. 77. 77. 119. 243. 1,167. 934. 397. 4,332. 1,487. 1,800.

#### OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites CHAN

CHANGE ORDER # 3 REV 3

DATED:

July 15, 2022

	Guam Office: P. O. Box 9670 Tamuning, Guam 96931			MATER			BOR		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 HELPER 2MH X 8HRS X 5DAYS	24.00 80.00	MH		-	23.20	556.80		-	556
	EQUIPMENT:	80.00	IVIF1		-	15.00	1,200.00			1,200
	TIRE BACKHOE 1UNIT X 8HRS X 5DAYS	40.00	HRS			26.10	1,044.00	50.00	2,000.00	3,044
	BOOMTRUCK 1UNIT X 8HRS X 2DAYS	16.00	HRS		-	26.10	417.60	175.00	2,800.00	3,217
	PUMP 1UNIT X 8HRS X 2DAYS	16.00	HRS		-		-	25.00	400.00	400
3-3	LABOR REMOVAL OF EXISTING 8" METER AND INSTALL PLUGS AND BACKFILL EXISTING VAULT NEAR TANK AREA									
3-3	LABOR:				-		-		-	
	FOREMAN 1MH X 8HRS X 3DAYS	24.00	MH		-				-	
	PLUMBER 1MH X 8HRS X 3AYS	24.00	MH		-	36.25 23.20	870.00 556.80		-	870 556
	HELPER 2MH X 8HRS X 3DAYS	48.00	MH		-	15.00	720.00		-	720
	EQUIPMENT:				-		-		-	
	TIRE BACKHOE 1UNIT X 8HRS X 3DAYS	24.00	HRS		-	26.10	626.40	50.00	1,200.00	1,826
	BOOMTRUCK 1UNIT X 8HRS X 1DAY PUMP 1UNIT X 8HRS X 1DAY	8.00	HRS		-	26.10	208.80	175.00 25.00	1,400.00 200.00	1,608
	TOWN TOWN A TOWN	0.00	11110		-		-	25.00	200.00	200
4	INLET PIPING ADJUSTMENT INCLUDING PIPING AND BACKFILLING				4,680.80		3,937.60		1,920.00	10,538
	MATERIALS:				-		-			10,030
_	12" C900 PIPE	40	LF	37.72	1,508.92		-		-	1,508
	12" REPAIR COUPLING RESTRAIN TYPE	2.00	EA	711.44	1,422.88		-		-	1,422
	RESTRAIN CONCRETING MISC MATERIALS	1.00	LOT	250.00	250.00		-		-	250
	MISC MATERIALS ASPHALT RESTORATION	5.00	TONS	100.00 257.00	100.00 1,285.00		-		-	1,285
	SS1	10.00	Gallon	11.40	1,285.00		-		-	1,28
4-2	LABOR:				-		-		-	
	FOREMAN 1MH X 8HRS X 4DAYS	32.00	MH		-	36.25	1,160.00		-	1,160
	PLUMBER 2MH X 8HRS X 2DAYS	32.00	MH		-	23.20	742.40		-	742
	LABOR 1MH X 8HRS X 4DAYS	32.00	MH		-	15.00	480.00		-	480
4 2	LABOR PIPING 6MH X 8HRS X 1DAY EQUIPMENT:	48.00	MH		-	15.00	720.00		-	720
4-3	TIRE BACKHOE 1 UNIT X 8HRS X 4DAYS	32.00	HRS		-	26.10	835.20	50.00	1,600.00	2,435
	GENERATOR 1 UNIT X 8HRS X 1DAY	8.00	HRS			20.10	-	15.00	120.00	120
	PUMP 1 UNIT X 8HRS X 1DAY	8.00	HRS		-			25.00	200.00	200
5	ADDITIONAL WORK TO INSTALL TEE BETWEEM PRV 79 AND EXISTING 12" GWA LINE INCLUDING INSTALLATION OF 12" GATE VALVE AT EXISTING 12" LINE. GATE VALVE WILL BE SUPPLIED BY GWA				1,513.77		410.00		350.00	2,273
	FOREMAN 1MH X 4HRS	4.00	МН							
	PLUMBER 1MH X 8HRS	4.00	MH			36.25 23.20	145.00 92.80			145 92
	LABOR 2MH X 8HRS	8.00	MH			15.00	120.00			120
	EQUIPMENT:									
	BOOM TRUCK 1 UNIT X 2HRS	2.00	HRS			26.10	52.20	175.00	350.00	402
	MATERIALS:	_								
	12" TEE MJ 12 STAR GRIP	4	EA EA	804.70 143.96	804.70 575.85					804 575
	12" CAP	1	EA	133.22	133.22					133
	ADDITIONAL WORK TO CONNECT EXISTING 2" LINE TO NEW 12" LINE PRV 79						440.00			
16	LABOR:				916.40		148.90		-	1,065
	FOREMAN 1MH X 2HRS	2	MH							
	PLUMBER 1MH X 2HRS	2	MH			36.25	72.50			7
	LABOR 1MH X 2HRS	2	MH			23.20 15.00	46.40 30.00			4
	MATERIALS:					15.00	30.00			,
	12" X 2" SADDLE STAINLESS STEEL STRAP	1	EA	150.00	150.00					15
	2" CORP STOP BRASS	1	EA	498.00	498.00					49
	2" FEMALE ADAPTER SCH. 80	2	EA	9.00	18.00					1
	2" PIPE PVC SCH. 80 2" ELBOW 45 DEG.	2	LGHT	70.00	70.00					7
	PVC CEMENT HD FOR SCH. 80	1	QRT	8.50 19.00	17.00 19.00					1
	PVC PRIMER HD FOR SCH 80	1	QRT	17.00	17.00					1
	TEFFLON TAPE	1	ROLL	2.40	2.40					
	2" GATE VALVE BRASS	1	EA	125.00	125.00		-		-	12
=	ADDITIONAL FLOWABLE COST FOR ELECTRICAL DUCTLINE				23,169.33		(10,423.60)		(11,440.00)	1,30
1-1	MATERIALS: 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		-		-	198
	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)				-	(1,782
	HH3 - PRV 15	18.50	CY	118.80	2,197.80		-		-	2,19
	HH3 = PRV 15 ROAD CROSSING AS PER CONTRACT	-6.50	CY	118.80	(772.20)					(77:
	PRV 15 - MM11F	6.00	CY	118.80	712.80					712
	PRV15 - PRV 76	23.50	CY	118.80	2,791.80		-		-	2,79
	оккоро				-		-		-	
	PWER POLE TO PAD	4.00	CY	118.80	475.20		-		-	47
	PAD TO MM04C YSENGSONG	4.33	CY	118.80	514.40		-		-	5

Change Order Design changes Page 6 of 9

#### OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites CHANGE ORDER # 3 REV 3 DATED July 15, 2022 SUMITOMO MITSUI CONSTRUCTION CO..LTD. Guam Office: P. O. Box 9670 Tamuning, Guam 96931 LABOR Amount MATERIAL EQUIPMENT e Amount TOTAL Work Description QTY Units Amount (131.8 (131.8 CLARA 118.80 1,069.20 1,069.20 (439.56 HH2 TO PUMP STATION PARTIAL -3.70 KAISER PRV 79 - CONTROL ROOM TO PRV 43A,43B AND 80 60.00 118.80 7,128.00 7,128.00 LABOR TO INSTALL FLOWABLE FILL LABOR: FOREMAN 1MH X 8HRS X 11DAYS 88.00 3,190.00 3,190.00 HELPER 2MH X 8HRS X 11DAYS 176.00 МН 15.00 2.640.00 2.640.00 EDUCT BACKFILLING WITHOUT FLOWABLE FILL OREMAN 1MH X 8HRS X 22DAYS -176.00 МН ELPER 2MH X 8HRS X 22DAYS 15.00 (5,280.00) (5,280.0 E 1-4 EQUIPMENT: EXCAVATOR 1UNIT X 8HRS X 11DAYS -88 nn HRS (7,040.00 TIRE BACKHOE 1UNIT X 8HRS X 11DAYS -88.00 HRS (2,296.80 (4,400.00 (6,696.80 ADDITIVE DEDUCTIVE SCADA POLES INCLUDING ADDITIONAL PULL BOX AND WEATHER HEAD INSTALLATION 277.61 4,687.20 5.684.8 DEDUCTIVE COST FOR SCADA POLE CARNATION AS PER DRAWING NO. E-501 STEEL POLE 1.0 EΑ (5.558.57 (5.558.57 (5.558.5) DEDUCTIVE COST FOR SCADA POLE KAISER AS PER DRAWING NO. E-501 STEEL POLE 1.0 (2,865.69 (2,865.6 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 8,000.00 8,000.00 1.00 ΕA 8,000.00 14.00 84.00 6.00 84.00 YIGO 1 00 FΑ 501.88 501 88 501 88 2" WEATHER HEAD 6.00 EΑ 19.33 115.99 115.99 LABOR: FOREMAN 1MH X 8HRS X 6DAYS 1,740.00 ELECTRICIAN 2MH X 8HRS X 6DAYS 96.00 мн 23 20 2 227 20 2 227 20 HELPER 1MH X 8HRS X 6DAYS 15.00 720.00 720.00 EQUIPMENT: GENERATOR AND CUTTING TOOLS I UNIT X 8HRS X 6DAYS 48.00 HRS 720.00 720.00 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 A TOAT AND OPENER FOR YOUR OWN OF THE CONTROL CLOSE AT DAY AND POTHOLE AREA JAN 26,31 FEB 1,2,17,16,25AND 30 AND ASPHALT RESTORATION 4 DAYS MATERIALS: 12" PLUG MJ TYPE 12" MJ BNG SET EΑ 110.74 110.74 110.74 TRAFFIC CONTROL LOT 1,500.00 1,500.00 SAND BEDDING LOT 100.00 100.00 100.00 FLOWABLE CONCRETE ABANDONED PRV 27 118.80 3,207.60 3,207.60 FLOWABLE CONCRETE ROAD SIDE 18 CY 118.80 2,138.40 2,138.40 I ABOR FOREMAN 1MH X 8HRS X 12DAYS 3,480.00 MH 36.25 3,480.00 HELPER 2MH X 8HRS X 12DAYS 192 МН 15.00 2,880.00 2,880.00 TIRE BACKHOE I UNIT X 8HRS X 12DAYS 96 HRS 26.10 2.505.60 50.00 4.800.00 7.305.60 H EXTENDED OVERHEAD 10.50 Mon INSURANCE EXPENSES AUTO INSURANCE 10.5 month for Staff Vehicle1 to 3 \$ 2339/12 month 22.05 Mon 4 297 91 AUTO INSURANCE 10.5 month for Staff Vehicle 4 to 6 15.75 Mon 548.63 \$ 418/12 month 34.83 548.63 HEALTH INSURANCE 31.50 Mon 3 mem x 10.5 month 155.00 SAI ARIES 1. SENIOR PROJECT MANAGER 25,200.00 30.0% 8,000.00 PROJECT MANAGER 8 40 Mon 7,000.00 58 800 00 58,800.00 47,250.00 3. PROJECT ENGINEER 10.50 100.0% 4.500.00 4 SITE SUPERVISOR 100.0% 10.50 Mon 3,500.00 36 750 00 36 750 00 5. SITE SAFETY 3.15 Mon 18,270.00 30.0% 5,800.00 6. MECHANIC 20.0% 2.10 Mon 3,500.00 7.350.00 7.350.00 5,376.00 2.10 20.0% 2,560.00 Fringe Benefits 32,94% 1.00 Lot 65,549.28 65,549.28 65,549.28 PICK UP for Staff 1 to 6 37.80 Mon 900.00 34.020.00 34 020 00 37.80 18,900.00 500.00 18,900.00 MOBILE PHONE 37.80 Mon 80.00 3,024.00 3,024.00 STATIONARY EXPENSES 10.50 100.00 1,050.00 1,050.00 SAFETY MATERIALS 10.50 Mon 300.00 3.150.00 3.150.00 Project General Liability Insurance 0.5% 1.00 Lot 5,500.00 Sub total 632.231.51

94,834.73

Over Head & Mark Up

# CCU Meeting, November 29, 2022 - GWA

#### PROJECT: PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1

#### OWNER: GUAM WATER WORKS AUTHORITY

Change Order for Design Change at Various Sites CHANGE ORDER # 3 KEV 3								DATED:	July 15, 2022
SUMITOMO MITSUI CONSTRUCTION CO.,LT Guam Office: P. O. Box 9670 Tamuning, Guam 96931	D.		MATER	RIAL	LA	BOR	EC	QUIPMENT	TOTAL
Work Description	QTY	Units	Rate	Amount	Rate	Amount	Rate	Amount	Amount
GRT 5.263%									38,265.50
CHANGE ORDER AMOUNT									\$ 765,331.74

# ATTACHMENT B

CARNATION - MARBO

F405-04 DPR

*	DATE: 20-Oct-20										
CONTRACT NO.: W18-001-BND	REPORT NO.:										
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	6								
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:									
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.	IIN. TEMP.							
	WORK PERFORI	MED TODAY									
WORK LOCATION AND DESCRIPTION		EMPLOYER	NUMBER	TRADE	HOURS						
Carnation		SMCC	1	PM	8						
Clear and g	rub 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 re	ebars for control room + PRV	HW Lee construction	6	Skilled	48						
		11									
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE I'HIS DATE:	92						
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO.	CUMULATIVE HOURS FROM	185,5							
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK DONE? (If YES attach a statement or checklist showing inspection performed)		YES NO	TIOUNG FROM	VI FREVIOUS REPORT.							
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	277.5							
	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET							
		,		DEE! WIE!							
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB:											
Pavement cutter					ļ						
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:	= 112 = 20							
	1 Pavement cutter	9 hre									
	1 Boomtruck	8 hrs 2 hrs									
	1 PC 200 Komatsu Excavator	8 hrs									
NOTE: Exis	ting waterline in plan 6". During exploration it was found t	to be 12"									
	CONTRACTOR/SUPERINTENDENT DATE										

1		All V PRODUCTION BEDG	NDT.		DATE:	
		AILY PRODUCTION REPO	/KI		21-Oct-20	
CONTRACT NO.: TITLE AND LOCATION:  W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			REPORT NO.:			
CONTRACTOR:	SUMITOMO	MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny		PM WEATHER: Rainy	MAX. TEMP.	MIN. TEMP		-
		WORK PERFORI	MED TODAY	<del>_</del>	<del></del>	
wo	RK LOCATIO	ON AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation Marbo PRV			SMCC	1	РМ	8
Pavement of	utting		SMCC	1	Enginner	8
Excavation	Started		SMCC		Supervisor	8
			SMCC		Operator	8
			HW Lee construction		Helper	8
Warehouse						
	bars + angle	irons for PRV + Control room , handholes	HW Lee construction		Skilled	32
		, mandroid	HW Lee construction		Supervisor	8
			TIVV Lee Construction	'	Supervisor	-
JOB SAFETY		SAFETY MEETING HELD THIS DATE? opy of the meeting minutes)	YES 1		RK HOURS ON JOBSITE THIS DATE:	80
		E ANY LOST TIME ACCIDENTS THIS DATE? opy of completed OSHA report)	YES YES	CUMULATIVE HOURS FRO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 27	
WAS TRENCHING/SCAFF (If YES attach a statement or		CTRICAL/HIGH WORK DONE? g inspection performed)	YES	10		
WAS HAZARDOUS MATE		RELEASED TO THE ENVIRONMENT?	YES N	TOTAL WOR OF CONSTR	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 357.5	
		SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
					DEE14 INC	<u> </u>
EQUIPMENT/MATERIAL	RECEIVED TO	DDAY TO BE INCORPORATED IN JOB:			<u> </u>	
	O foot head					
	2 feet bucket ANT EQUIPM	ENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TO	AY:		
		1 PC 200 Excavator	8 hrs			
		1 Pavement cutter	8 hrs			
		1 Boom truck	1 hrs	Delivery of	2' bucket	
			CONTRACTOR/SUPERI	NTENDENT	DATE	T C

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 3-Nov-20 TITLE AND LOCATION: CONTRACT NO : REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 20 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 Kaiser SMCC 1 PM 8 Basecoarse levelling and compaction SMCC 1 Enginner 8 SMCC 2 Supervisor 16 1 basecoarse to site and 4 disposal material hauling SMCC 1 Safety officer 4 SMCC 2 Operators 16 Camation SMCC 1 D.Truck driver 8 Valve Exploration SMCC 1 B. Truck Driver Rebar installation at Marbo PRV76 Hyun Hee 1 Helper HW Lee construction 4 Helpers 32 Note1: Valve exploration at Carnation with Backhoe for GWA to confirm HW Lee construction 1 Supervisor 8 Note2: Work standby from 9:15 am to 1:30pm due to breakdown of GPA crane HW Lee construction 1 Owner 8 which came for unoading powerpoles HW Lee construction 5 Skilled 40 WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE (If YES attach copy of the meeting minutes) 150 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 1069.5 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 1219.5 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? OF CONSTRUCTION: YES (If YES altach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES MET Equipment checklist. Excavation Inspection. COVID-19 Temp check EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB: Basecorase 1 load. CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER 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/SUPERINTENDENT DATE

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

## CARNATION AZ

F405-04 DPR

	DAILY PRODUCTION REPO	ORT		DATE:	04 01 10
CONTRACT NO.:	TITLE AND LOCATION:		17-May-21		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		•	<del></del>
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY	<u> </u>	<del>"</del>	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
	e exposure East side of backroad for road crossing	SMCC		Engineer	8
Flowable fill Electrical re		SMCC		Operator	24
Excavation for straddle	block				
		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	2	Skilled	16
Kaiser		HW Lee Construction	4	Helper	32
Control room CMU grou	ut. Concrete. Electrical line near PRV concrete.	Guam Advance	1	Supervisor	8
		Guam Advance	1	Skilled	8
Clara		Guam Advance	2	Helper	16
Additional potholing					
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:	128
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		18280
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START 0F CONSTRUCTION: 1840		18408
	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 PC200 Excavator 1 Tirebackhoe	8 hrs 8 hrs			
	1 Mini Excavator	8 hrs			
		77			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

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

	-			F405-	04 DPR
	DAILY PRODUCTION REPO	ORT		18-May-	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: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Excavation for waterline	e exposure East side of backroad for road crossing	SMCC		Engineer	8
Mobilisation of PC200		SMCC		Operator	27
PRV11 outside leak rej					
Material movement from	n the road excavation	HW Lee Construction	1	Supervisor	8
Control room footing co	oncrete	HW Lee Construction		Skilled	16
Marbo PRV manhole c	over frame concrete	HW Lee Construction	5	Helper	40
Kaiser		Guam Advance	1	Supervisor	8
Control room second lit	t wall CMU	Guam Advance	1	Skilled	8
		Guam Advance	2	Helper	16
81					
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:	139
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		18408
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
1	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK OF CONSTRU	CHOURS FROM START DCTION:	18547
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		•			
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		<del></del>		_
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<u> </u>		
	1 PC200 Excavator	8 hrs			
	1 Tirebackhoe	8 hrs			
	1 Mini Excavator 1 PC200 Excavator breaker	8 hrs 3 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				F4U5-	04 DPR
	DAILY PRODUCTION REPO	DRT		DATE: 19-May-2	21
CONTRACT NO.:	TITLE AND LOCATION:	<u> </u>		REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		217	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		<u> </u>	
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Excavation for 12" water	rlineconnection road crossing and traffic control	SMCC	1	Engineer	8
Waterline 12" pipes del	ivey	SMCC		Operator	32
Control room electrical	rough in	SMCC	1	B. Truck operator	4
New waterline not in the	e plan found 12" trench. Have to decide connect or go	HW Lee Construction		Supervisor	8
above or below		HW Lee Construction		Skilled	16
Material movement from	n the road excavation	HW Lee Construction		Helper	40
Kaiser		Guam Advance		Supervisor	8
Control room second lif	t wall CMU	Guam Advance		Skilled	8
Okkodo		Guam Advance		Helper	16
MM04C Form removal					
5S activities					
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)	YES NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		18547
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
WAS HAZARDOUS MATE (If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		18695
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	-	YES	SAFETY REQUIREMENT MET	S HAVE BEEN
		•			
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:	<del></del>			
EGOITMENTANALENAL	RECEIVED TODAT TO BE INCORPORATED IN JOB.				
CONSTRUCTION AND P	ANT 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 Truck	4 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
			_		

		<u></u>			04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 20-May-:	21
CONTRACT NO.: TITLE AND LOCATION:  W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			REPORT NO.: 218		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.::		210	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny/Rainy	Sunny/Rainy			<del></del>	
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	РМ	8
Carnation	IV.	SMCC	1	Engineer	8
Excavation for 12" water	rtineconnection road crossing and traffic control	SMCC	4	Operator	32
Excavation for PRV cor	nnection	SMCC	1	Safety officer	4
Material movement from	n the road excavation	HW Lee Construction	1	Supervisor	8
Control room electrical					
Kaiser		HW Lee Construction	4	Helper	32
Additional potholing to t	ind 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. S	and 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)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		18695
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		WFREVIOUS REPORT.	
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START OF CONSTRUCTION: 18843		18843
LIST SAFETY ACTION TA	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:	2			
CONSTRUCTION AND PL	ANT 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	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

					04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 21-May-:	 21
CONTRACT NO.:	TITLE AND LOCATION:		<del>.</del>	REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	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				T
		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	1	Engineer	8
Outage for Marbo PRv	connection to mainline	SMCC	4	Operator	32
Formwork and concrete	e thrust block	SMCC	1	B. Truck operator	4
Control room foundatio	n electrial concrete	HW Lee Construction	1	Supervisor	8
Steel plate delivery		HW Lee Construction	2	Skilled	16
Kaiser		HW Lee Construction	4	Helper	32
2nd lift wall control roor	m CMU concrete	Guam Advance	1	Supervisor	8
		Guam Advance	3	Skilled	24
		Guam Advance	5	Helper	40
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO			
IOD OAFETY	(If YES attach copy of the meeting minutes)	120 100		RK HOURS ON JOBSITE THIS DATE:	180
JOB SAFETY					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CLINAL ATOE	TOTAL OF WORK	
				TOTAL OF WORK  PREVIOUS REPORT:	18843
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL IMORE	( UOUDO EDOM OTA DE	
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	CHOURS FROM START ICTION:	19023
	f incident and proposed action)				
LIST SAFETY ACTION I	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:				
	The state of the s				
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	8 hrs			
	1 Boom truck	4 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				F405-	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 24-May-	 21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		222	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Rainy/Cloudy	PM WEATHER: Sunny/Rainy/Cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY	L	···	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Éxcavation waterline cr	ossing backroad on centre lanes closure traffic control	SMCC	1	Engineer	8
Breaker steel plate cold	1 mix				
Control room electrical	work				
		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	3	Helper	24
	,	SMCC	3	Operator	24
-		Guam Advance	1	Skilled	8
		Guam Advance	2	Helper	16
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO			
JOB SAFETY	(If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	96
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:	19023
	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:		19119
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	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 PC200 Excavator	8 hrs			
	1 Tirebackhow	8 hrs			
	1 PC200 Breaker 1 Mini Excavator	8 hrs 8 hrs			
	i Milli LACAYALUI	o ilis			
1					
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				F405-	04 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 25-May-	21	
CONTRACT NO.: W18-001-BND	115				REPORT NO.: 223	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny/Rainy/Cloudy	PM WEATHER: Sunny/Rainy/Cloudy	MAX. TEMP.	MIN. TEMP.			
	WORK PERFORI	MED TODAY				
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation *		SMCC		РМ		
	ossing backroad on centre lanes closure traffic control	SMCC		Engineer	8	
Breaker steel plate cold		SMCC		Operator	24	
Control room electrical		OMOO		Орегатог		
PRV76 manhole cover		HW Lee Construction	1	Supervisor	8	
-	water line for connections	TIVY LOC CONSTRUCTION		oupervisor		
	e trenchs with flowable fill on trench, onw with ground wi	HW Lee Construction	4	Helper	32	
e at 21" from top	, , , , , , , , , , , , , , , , , , , ,	Guam Advance		Supervisor	8	
		Guam Advance		Skilled	8	
Kaiser		Guam Advance		Helper	16	
Excavation for electrical	trench inside water tank area connecting vaults and ctrr				- 10	
Outage for MM12B disc						
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:	112	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		19119	
(If YES attach a statement or o	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		HOURS FROM START	19231	
WAS HAZARDOUS MATE (If YES attach a description of	RIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:		CTION:	19231	
	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check						
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:	-				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY				
	1 PC200 Excavator	8 hrs				
	1 Tirebackhoe	8 hrs				
	1 PC200 Breaker	8 hrs				
	1 Mini Excavator	8 hrs				
	-	CONTRACTOR/SUPERINTE	NDENT	DATE		
16.00-00						

				7 700	
	DAILY PRODUCTION REPO	ORT		DATE: 2-Jun-2	1
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			
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
Mobilisation of breaker	backhoe	SMCC	1	Engineer	8
Excavation for ARV					
Excavation for waterline	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					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	RK HOURS ON JOBSITE	440.5
JOB SAFETY	(If YES attach copy of the meeting minutes)		THIS DATE:		112.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	<u> </u>	-	
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	19779.5
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	noons rhoi	W PREVIOUS REPORT:	
(If YES attach a statement or	checklist showing inspection performed)				
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START	19892
(If YES attach a description of	incident and proposed action)		NO S. SENEMBERS.		
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
		•			
COVID-19 temp check	RECEIVED TODAY TO BE INCORPORATED IN JOB:	·			
	nacana na sa masan sharas na sasa.				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
					3
	1 mini excavator	8 hrs			
	1 bakhoe 1 backhoe with breaker	6 hrs 8 hrs			
	1 PC200 Excavator	2 hrs			
		2			
		CONTRACTOR/OURSE	NDENT		
		CONTRACTOR/SUPERINTE	INDEN I	DATE	

					U4 DFN
	DAILY PRODUCTION REPO	ORT		DATE: 3-Jun-2	1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	- <u>.</u>	REPORT NO.:		
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 232			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
-	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
PRV76 backfill and com	paction 3rd nd 4th lift one side	SMCC	1	Safety officer	4
Excavation for waterline	across backroad	SMCC	3	Operators	24
Excavation for electrical	trench across backroad	HW Lee Construction	1	Supervisor	8
control room electrical v	vork	HW Lee Construction	4	Skilled	32
		HW Lee Construction	4	Helper	32
Kaiser					
Control room roof slab f	ormwork 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 MM43	A and B PRV80				
530					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO		K HOURS ON JOBSITE	140
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 PREVIOUS REPORT:	19892
WAS TRENCHING/SCAFF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or o	checklist showing inspection performed)				
WAS HAZARDOUS MATE	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:			20032
(If YES attach a description of	incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	O LIAVE DEEN
Elor GALETT AGTION TA	INCH TODATION ETT MOTEOTION CONDUCTED.		YES	MET	S HAVE BEEN
COVID-19 Temp Check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY			
	,, ,, ,,	TARE REGING GOLD TODAL	•		
	1 Mini Excavator	8 hrs			
	1 backhoe	8 hrs			1
	1 backhoe with breaker	8 hrs			
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	
			_	_	

PRY 15 CHEATHER CONCRETE

	CRUSH POC	4			04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 1-Nov-2	 )1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		383	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Rainy	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sullily/Railly	Sunny/Rainy				·
	WORK PERFOR	MED TODAY		<u> </u>	
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Road crossing electrication	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 v	vork	HW Lee Construction	1	Supervisor	8
Kaiser		HW Lee Construction	4	Skilled	32
Additional potholing ne	ear marine drive road valve 16" to12"	HW Lee Construction	3	Helper	24
Concrete barrier for tra	ffic control and safety	Almer Santos	1	Skilled	1
Backfilling of additional	l pothoing near kaiser outlet	Guam Advance	3	Skilled (E )	24
14" Chlorination 1st sa	mple				
Terao					
Meter vault 1st lift wall	rebar installation				
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:		133
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CHWIT ATIVE TOTAL OF WORK		34216
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		34349
	of incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:	· · · · · · · · · · · · · · · · · · ·			
LIST SAFETT ACTION I	AREN TODAT/SAFETT INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Chec	k				
	RECEIVED TODAY TO BE INCORPORATED IN JOB:			<u> </u>	
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	•		
			-		
	1 Med Excavator with breaker	8 hrs			
	1 Mini Excavator	8 hrs			
	2 Tirebackhoe	16 hrs			
	1 Boom truck	4 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	
		Tarrest States Ellist		5.412	

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				DATE:	
	DAILY PRODUCTION REPO	ORT	2-Nov-21		
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	DUCTION BULLET		REPORT NO.:	
CONTRACTOR:	PRESSURE ZONE REALIGNMENT CONSTI	Ţ		384	-
AM WEATHER:	PM WEATHER:	PROJECT SUPT.:	MIN. TEMP.		
Sunny	Sunny	WPX. TEWF.	IVIIIA. I CIVIF.		
	WORK PERFOR	MED TODAY			
Wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Road crossing electrical	excavation to PRV11	SMCC	1	Engineer	8
Plastering PRV15 pipe s	support	SMCC	3	Operator	24
Flowmeter vaults wall cl	hipping for electrical conduit				
Marbo PRV electrical w	ork	HW Lee Construction	1	Supervisor	8
Kalser		HW Lee Construction	5	Skilled	36.5
Additional potholing nea	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 re	ebar 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		TOTAL OF WORK	34349
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS PROM PREVIOUS REPORTS		
	ERIALWASTE RELEASED TO THE ENVIRONMENT?  I incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION; 3448		34481.5
	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 PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMB	ER AND HOURS USED TODAY	<u>/:</u>	···	
	1 Med Excavator with breaker	8 hrs			
	1 Mini Excavator	8 hrs			
	2 Tirebackhoe	16 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	DRT	<del></del>	DATE: 8-Nov-2	1
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:		
W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				390	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.		
, , , , ,	WORK PERFOR	MED TODAY			
	RK LOCATION AND DESCRIPTION				
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	9
PRV15 plastering		SMCC	1	Engineer	9
Electrical trench excava	tion to PRV11 2nd half. Flowmeter vaults wall chipping	SMCC	3	Operator	23.5
Kaiser		SMCC	1	Btruck Optr	8
Bedding sand delivery.	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	я 1	Skilled	1
Terao		SMCC	1	D.truck optr	6
MM44 1st lift outside wa	ill 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		K HOURS ON JOBSITE	151.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:	35065.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL MODE	( HOURS SPON START	
19 9 9 90 9000	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START OF CONSTRUCTION: 3521		35217
LIST SAFETY ACTION TA	KEN 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 NUMBE	R AND HOURS USED TODAY	<u>':</u>		
	1 Mini excavator	8 hrs			
	2 Tire backhoe	16 hrs			
	1 Boom truck	8 hrs			ľ
	Excavator with breaker     Dump truck	8 hrs 6 hrs			
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 9-Nov-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY	l		
wo	RK LOCATION AND DESCRIPTION				
	NA COOK TON AND BESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	- 8
	support form and rebar concrete	SMCC	1	Engineer	9
	ation to PRV11 2nd half road crossing	SMCC	3	Operator	24.5
Kaiser		SMCC	1	Btruck Optr	8
Meter pedestal formwor	k + rebar installation	HW Lee Construction	1	Supervisor	8
Pressure Leak test 16"	outlet. 14"to16" Connection area backfill+compaction	HW Lee Construction	4	Skilled	32
Clara		HW Lee Construction	4	Helper	32
Chlorination 2nd sample	e. 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		Helper	16
Rebar delivery					
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:	146.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CLIMULATIVE TOTAL OF WORK		35217
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TIOGRAFIA REVISUS REPORT.		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START OF CONSTRUCTION: 35363		35363.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME	
		·		OCCN WILL	
COVID-19 temp check					
EQUIPMEN I/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<u>':</u>		
	1 Mini excavator	8 hrs			
	2 Tire backhoe	16 hrs			
	1 Boom truck	8 hrs			
	1 Excavator with breaker	8 hrs			
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	

			-		
	DAILY PRODUCTION REPO	ORT		DATE: 13-Nov-2	21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I			395	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Rainy/Sunny	PM WEATHER: Rainy/Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV15 digging, cleaning	g, water blast	SMCC		Engineer	8
Chipping vault wall of P		SMCC		Operator	7
Waterline connection ar	ea backfill and compaction	SMCC		Water truck optr	8
Kaiser		HW Lee Construction		Supervisor	8
Meter pedestal formwor	k and rebar+ Support	HW Lee Construction	5	Skilled	40
PRV79 waterblast and o	eleaning. Pressure Leak test 16" outlet.	HW Lee Construction	5	Helper	40
Terao		Guam Advance	1	Skilled(M)	8
PRV12 bottom slab reba	аг	Guam Advance	2	Helper	16
MM44 1st lift outside wa	II formwork Secure				
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)			HIS DATE:	143
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	35657.5
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	A PREVIOUS REPORT:	
	checklist showing inspection performed)				
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	TOTAL WORK HOURS FROM STAR  YES NO OF CONSTRUCTION:		HOURS FROM START	35800.5
(If YES attach a description of	incident and proposed action)	120 110			
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
			····		
COVID-19 Temp Check EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Tirebackhoe	8 hrs			
	1 Water truck	8 hrs			
					ĺ
		CONTRACTOR/SUPERINTE	NDENT	DATE	- 1
					l

	DAIL V BRODUCTION BERG	NDT.		DATE:	-
CONTRACT	DAILY PRODUCTION REPO	ואל 		15-Nov-21	
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		RÉPORT NO.: 397	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	<del></del>		
AM WEATHER: Sunny/Rainy	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sumy/Ramy	Sunny/Rainy	L TODAY	<u> </u>		
14/0	WORK PERFORI		I	Г	
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	- 8
PRV15 clea <u>ning</u>		SMCC	1	Engineer	. 8
crushed rock laying at b	ottom	SMCC	2	Operator	16
Kaiser		SMCC	1	B truck optr	8
Waterline trenching PR\	V79 connection to 16"	HW Lee Construction	1	Supervisor	8
Meter pedestal formwor	k and rebar	HW Lee Construction	3	Skiiled	24
Pressure Leak test 16" (	putlet.	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 forms	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 : THIS DATE:	160
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		35800.5
	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: 3596		35960.5
	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
COVID-19 Temp Check					
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	<b>/</b> :		
	1 Tirebackhoe	8 hrs			
	1 Mini excavator	8 hrs			ĺ
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINT	NDENT	DATE	

	DAIL V PRODUCTION RED	\n_T		DATE:	-
	DAILY PRODUCTION REPO	)K1		24-Nov-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		REPORT NO.:	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: cloudy/ Sunny	PM WEATHER: cloudy/ Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY		· · · · · · · · · · · · · · · · · · ·	
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
PRV15 sleeve form and	d patching. Electrical trench concrete pouring	SMCC	1	Engineer	8
Latte height side 2nd ha		SMCC	-	Operator	16
Kaiser		SMCC		B truck optr	8
	or inlet 12" 16" connection			b tradit op .	_ <del></del>
Pressure Leak test 16"		HW Lee Construction	1	Supervisor	8
Thrust block form		HW Lee Construction		Skiiled	32
Ysengsong		HW Lee Construction		Helper	28
Valve collar form and re	ebar	Hyun Hee		Skilled	16
Terao		Hyun Hee		Helper	16
PRV12 1st lift wall form	work and rear	Guam Advance		Skilled(P)	8
Maimai		Guam Advance		Helpers	16
meter vault wall formwo	ork	Guam Advance		Skilled (E )	24
					27
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:		188
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		E TOTAL OF WORK	36972
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	l I		
-2	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 3716		37160
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME	
		l	ILS	BEEN MET	<u> </u>
COVID-19 temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODA	Y:		
	•		•		
	1 Tirebackhoe	8 hrs			
	1 Boom truck	8 hrs			
	1 Mini excavator	8 hrs			
7					
	•	CONTRACTOR/SUPERINTE	NDENT	DATE	

					04 DFR
	DAILY PRODUCTION REPO	DRT		DATE: 10-Oct-2	21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	· · · · · · · · · · · · · · · · · · ·
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		361	
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			10		
Electrical trench excav	ation on shoulder area towards PRV11	SMCC	1	Engineer	4.5
PRV15 bottom digging	ı and cleaning				
		SMCC	1	Operators	4.5
		HW Lee Construction		Supervisor	4.5
				oups. viec.	7.0
		HW Lee Construction	3	Helper	13.5
		1117 200 001.01.001.		Петрог	10.0
	,				
-					
	THE DATE OF THE PARTY OF THE PA				
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	27
JOB SAFETY	,				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	l		
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK MPREVIOUS REPORT:	31872.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL MODI	CHOUSE SPON START	
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	CHOURS FROM START JCTION:	31899.5
	fincident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			S SEETLY DEOLUDENEND	
LIST SAFETT ACTION I	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:	<del>-</del>		<del></del> .	
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>:</b>		
	1 Hyundai excavator	4.5 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

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	DAILY PRODUCTION REPO	ORT		DATE:	
CONTRACT NO.:	TITLE AND LOCATION:			4-Dec-21	
W18-001-BND	l l			416	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY	l		<u>.</u>
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV15 cleaning		SMCC	1	Engineer	8
Kaiser		SMCC	1	B truck optr	4.5
Wrapping the fittings					
Thrust block formwork a	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					
			50		
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE	84.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	38130.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
546	ERIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 38215		38215
	f incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:		1/50	SAFETY REQUIREME	NTS HAVE
			YES	BEEN MET	
COVID-19 Temp Check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODAY	<b>/</b> :		
ı	1 Boom truck	4.5 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

		<del></del> -		DATE:	
1	DAILY PRODUCTION REPO	DRT	8-Dec-21		
CONTRACT NO.: W18-001-BND				REPORT NO.:	
W10-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 420			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Electrical trench backfill	ling and grading road side	SMCC	1	Engineer	8
Closing PRV15 slab an	d cleaning	SMCC		Operator	8
Kaiser		SMCC		B truck optr	8
Asphalt cutting					
16" outlet pressure leak	test. 10:00 to 12:30. Approved	HW Lee Construction	1	Supervisor	8
Yigo		HW Lee Construction		Skiiled	24
Electrical work		HW Lee Construction		Helper	32
Concrete electrical tren	ch	Hyun Hee		Skilled	16
Terao		Hyun Hee		Helper	16
MM44 2nd lift wall form	work and reabr	Guam Advance		Skilled (M )	8
Maimai		Guam Advance		Helper	16
meter vault wall formwo	ork and rebar	Guam Advance		Skilled (E )	16
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO			
JOB SAFETY	(If YES attach copy of the meeting minutes)		TOTAL WORK HOURS ON JOBSITE THIS DATE:		168
OOD GALETT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	C VES NO			
	(If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	
				M PREVIOUS REPORT	38543
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
		TOTAL WORK HOURS FROM START		38711	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  fincident and proposed action)	YES NO	OF CONSTRUCTION: 3871		30/11
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME	
		l	720	BEEN MET	
COVID-19 Temp Check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
					Í
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<del>,</del>		
	,				J
	1 Tirebackhoe	8 hrs			
	1 Boomtruck	8 hrs			
					1
					1
	•	CONTRACTOR/SUPERINTE	NDENT	DATE	

. PRY 15 HATCH (DOTALLATION)

	DAILY PRODUCTION REPO	ORT		DATE: 21-Mar-2	22
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		523	·
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
Preparation for asphalt	restoration. 12" waterline crossing	SMCC	1	Engineer	8
Additional work PRV15	hatch- chipping	SMCC		Supervisor	8
EHH and flowmeter vau	ults patching.	SMCC		Operator	17
Electrical work in vaults	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
		THE LOG CONSTRUCTION		i leipei	39.3
Maimai		Guam Advance	2	Skilled (M)	16
Form removal		Guam Advance	1	Engineer (E)	3
Waterproof 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		IK HOURS ON JOBSITE THIS DATE:	180.5
	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:		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 180.5		180.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		l	123	MET	
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 TODAY	:		
	1 Tirebackhoe	8 hrs			
	1 Hyundai excavator	8 hrs			
	1 Boom truck	8 hrs			
	1 Dump truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	DET.		DATE:	04 DPH
CONTRACT NO.:	TITLE AND LOCATION:		22-Mar-22		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	REPORT NO.: 524		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		· · · · · · · · · · · · · · · · · · ·	
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	МАХ. ТЕМР.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM PM	8
Additional work PRV15	hatch- chinning	SMCC			
Electrical work in vaults			İ	Engineer	8
Clara	s and control room	SMCC		Supervisor	8
-		SMCC		Operator	16
Door installation		SMCC	2	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" water	erline 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		RK HOURS ON JOBSITE	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:		
	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:		203
	incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	S HAVE BEEN
			YES	MET	O TIME 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	
			7307		

					04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 23-Mar-2	22
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		525	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
wo	ORK 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		Supervisor	8
	e heights side electrical trench and 12" waterline	SMCC		Operator	17
	3	SMCC		B&D truck optr	17
Clara		HW Lee Construction		Supervisor	
SCADA work		HW Lee Construction			8
SOADA HOIK				Skilled	34
Terao		HW Lee Construction		Helper	63
		MCS		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 WOF	RK HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	219
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	-		
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	
WAS TREMOUND (COAF			HOURS FROM	M PREVIOUS REPORT:	
ľ	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		-	
(	should dreamly appealed, performed,	TOTAL WORK HOURS FROM STAR			240
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	NO OF CONSTRUCTION:		219
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	S HAVE BEEN
		1	YES	MET	JIMTE ELL.
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 Tirebackhoe	9 hrs			
	1 Boom truck	8 hrs			
	1 Dump truck	9 hrs			
					9
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				DATE:	-04 DPH
	DAILY PRODUCTION REPO	DRT		24-Mar-	22
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 526			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Additional work PRV15	hatch- chipping	SMCC		Engineer	8
Electrical work in vaults		SMCC		Supervisor	8
		SMCC		Operator	16
		SMCC		B&D truck optr	16
Clara		HW Lee Construction		Supervisor	8
SCADA work		HW Lee Construction		Skilled	28.5
-		HW Lee Construction		Helper	50
Terao		MCS		Skilled	16
Pressure leak test		Guam Advance		Skilled (M)	16
Excavation for waterline	e road crossing	Guain / lavarioo		Okined (W)	10
Maimai		Guam Advance	3	Skilled (E )	24
Form removal inside		Guani Advance		Skilled (L )	24
22	WAS A JOB SAFETY MEETING HELD THIS DATES	VEC NO			
	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:		198.5
JOB SAFETY					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	0.11.11.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		
· · · · · · · · · · · · · · · · · · ·	1 TES attach copy of completed OSHA report)			TOTAL OF WORK  M PREVIOUS REPORT:	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WORK	CHOURS FROM START	
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:			198.5
	incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMEN	TO HAVE BEEN
			YES	MET_	13 HAVE BEEN
COVID-19 temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:		<del></del> -		
OCHOTOHOTION AND D					
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	4 Uhamadal assassatas				
	1 Hyundai excavator	8 hrs			/8
	1 Dump truck	8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
£X		TOTAL TOTAL CONTROL OF THE PARTY OF THE PART		DAIL	
	***				

	DAILY PRODUCTION REPO	`DT		DATE:	04 0111
CONTRACT NO		JK1	28-Mar-22		
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	NICTION-PHASE I		REPORT NO.: 530	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny/Cloudy	Sunny/Cloudy			<u></u>	
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Additional work PRV15	i hatch- chipping	SMCC		Engineer	8
Electrical work in vaults	s and control room	SMCC		Supervisor	8
Kaiser		SMCC		Operator	16
Manual grading near fe	ence	SMCC		B&D truck optr	16
Clara, Ysengsong		HW Lee Construction		Supervisor	8
SCADA work		HW Lee Construction		Skilled	16
00.00.00.00		HW Lee Construction		Helper	40
Terao		MCS		Skilled	
Pressure leak test					16
Excavation for waterline	o road arassina	Guam Advance	۷	Skilled (M)	16
EXCAVATION TO WATERING	e road crossing	Curry Advance			
		Guam Advance	3	Skilled (E )	24
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE	176
JOB SAFETY	(If TES 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 PREVIOUS REPORT:	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(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 0 OF CONSTRUCTION:		176
(If YES attach a description of	f incident and proposed action)				35.0
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	IS 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 PC200	8 hrs			
	1 Dump truck	8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT	-	DATE: 29-Mar-2	22	
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: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.	· · · · · · · · · · · · · · · · · · ·	<u>.</u>	
	WORK PERFOR	MED TODAY				
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	PM	8	
Additional work PRV15	hatch- chipping	SMCC		Engineer	8	
Electrical work in vaults	• • •	SMCC		Supervisor	8	
Kaiser		SMCC		Operator	16	
Manual grading near fe	nce. Backfill compaction	SMCC		B&D truck optr	8	
Ysengsong		HW Lee Construction		Supervisor	8	
SCADA work		HW Lee Construction		Skilled	24	
		HW Lee Construction	i -	Helper	40	
Terao		MCS		Skilled	16	
Pressure leak test		Guam Advance		Skilled (M)	16	
Excavation for waterline	e road crossing			Chaired (in)		
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	TOTAL WORK HOURS ON JOBSITI 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	S HAVE BEEN	
		•		MET		
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	ENDENT	DATE		
400						

	DAILY PRODUCTION REPO	ORT		DATE: 31-Mar-2	22
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	533			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Surriy		<u> </u>			
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Additional work PRV15	hatch- chipping form and rebar	SMCC	1	Engineer	8
Electrical work in vaults	s and control room	SMCC	1	Supervisor	8
		SMCC	2	Operator	16
		SMCC	1	B&D truck optr	6.5
		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 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	TOTAL WORK HOURS ON JOBSITE THIS DATE:		150.5
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:		
•	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
l .	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  f incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		150.5
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
				MEI	
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	:	700	-
	1 Hyndai excavator	8 hrs			
	1 PC200	8 hrs			
	1 Boom truck	6.5 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT	-	DATE: 1-Apr-2	2
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	534			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			-
AM WEATHER: Sunny	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		-
Surry	Sunny				
	WORK PERFOR	MED TODAY			
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	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		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	TOTAL WORK HOURS ON JOBSITE THIS DATE:		173
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	l l		
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 173		173
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hundai avaquatar	0			
	1 Hyndai excavator 1 PC200	8 hrs 8 hrs			
	==30	5 1110			
	1 Boom truck	6.5 hrs			
	6	CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 4-Apr-2	2	
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 PERFORI	MED TODAY				
wo	RK 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 vaults	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	
	1900	HW Lee Construction	5	Helper	40	
Terao						
Pressure leak test		Guam Advance	2	Skilled (M)	16	
Excavation for waterline	9					
		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		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			
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	nouns rhui	M PREVIOUS REPORT:		
l	checklist showing inspection performed)					
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		152	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	IS HAVE BEEN	
			<u> </u>	,,,,,		
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
EGOIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JUB:					
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				
a		CONTRACTOR/SUPERINTE	NDENT	DATE	3	

	DAILY PRODUCTION REPO	ORT		DATE:	2
CONTRACT NO.:	TITLE AND LOCATION:		5-Apr-22 REPORT NO.:		
W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		·
Carry		MED TODAY			
	WORK PERFOR	1			·
wo	RK 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	and control room	SMCC	1	Supervisor	8
Kaiser		SMCC	2	Operator	16
Fence restoration		SMCC	1	B&D truck optr	8
Pavement cutting and c	compaction for restoration	HW Lee Construction	1	Supervisor	8
		HW Lee Construction	2	Skilled	16
		HW Lee Construction	5	Helper	40
Terao					
	ection , but Could not fill the water to see allowable	Guam Advance	2	Skilled (M)	16
	Postponed to next day				
Excavation for waterline		Guam Advance 3		Skilled (E )	24
	-				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)			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		TOTAL OF WORK	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)	1	TOTAL WORK	CHOURS FROM START	
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRUCTION:		152
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	· /·	YES	SAFETY REQUIREMENT MET	IS HAVE BEEN
				, mar	
FOUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
- CON MENTINAL ENIAL					
COVID-19 Temp check					
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>':</b>		
	1 Boom truck 1 Hyundai excavator	8 hrs 8 hrs			
	1 Tire backhoe	8 hrs			
	· ···	ŢŢ			
					İ
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

SENGSONG: 1. sack full potheling a. Exeavagion for Howale 2. Value potheling 3. Basecoarse preparation 5. Flow able fill Fill 3. Basecoarse preparation 5. Flow able fill Fill

	D	AILY PRODUCTION REPO	ORT			•	-	DATE: 24-Apr-2	21
CONTRACT NO.: W18-001-BND	TITLE AND L		_					REPORT NO.:	
W10-001-BND	PRESSUI	RE ZONE REALIGNMENT CONSTR	RUCTIC	UCTION-PHASE I				192	
CONTRACTOR:	SUMITOM	O MITSUI CONSTRUCTION CO., LTD.	PROJE	CT SUF	PT.:				
AM WEATHER: Sunny		PM WEATHER: Sunny	MAX. T	EMP.			MIN. TEMP.		
Curry		-						<del></del>	
		WORK PERFOR	MED	TOD/	AY				
wo	RK LOCATION	ON AND DESCRIPTION		EMPL	OYER		NUMBER	TRADE	HOURS
Kiaser				SM	CC		1	РМ	8
Excavation for 14" water	erline			SM	СС		1	Engineer	8
Cleaning the road				SM	СС		1	Supervisor	8
Ysengsong									
Waterline trench back f	ill and compa	action 1 lift	-						
			HW	Lee Co	onstructi	ion	3	Helper	24
				SM	CC		2	Operator	16
			-						
		101							
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T								
	1	SAFETY MEETING HELD THIS DATE?		YES		NO		K HOURS ON JOBSITE	64
JOB SAFETY	(If YES attach o	copy of the meeting minutes)					·	THIS DATE:	"
	WERE THER	E ANY LOST TIME ACCIDENTS THIS DATE?		YES		NO			
	(If YES attach o	copy of completed OSHA report)						TOTAL OF WORK  PREVIOUS REPORT:	16186
WAS TRENCHING/SCAF	FOLD/HV ELE	CTRICAL/HIGH WORK DONE?		YES		NO			
(If YES attach a statement or	checklist showing	g inspection performed)							
WAS HAZARDOUS MATI	ERIAL/WASTE	RELEASED TO THE ENVIRONMENT?		YES		NO	OF CONSTRU	CHOURS FROM START ICTION:	16250
(If YES attach a description of		posed action) /SAFETY INSPECTION CONDUCTED:							
LIST SAFETY ACTION I	AREN TODAT	SAFETT INSPECTION CONDUCTED:					YES	SAFETY REQUIREMENT MET	S HAVE BEEN
00/40 40 7 01									
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TO	DDAY TO BE INCORPORATED IN JOB:							
CONSTRUCTION AND D	ANT FOUR	IENT ON JOB SITE TODAY, INCLUDE NUMBE	- Attn	IOU TO	HOPE -	00			
CONSTRUCTION AND PI	LANI EQUIPI	IENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND F	IOURS	USED I	ODAY	:		- 1
		1 PC200 Excavator		0	hrs				Ì
		1 Tirebackhow			hrs				
									i
			CO	NTRACT	TOR/SUPE	RINTE	NDENT	DATE	

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

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				F4U5-	04 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 26-Apr-2	<u>?</u> 1	
					REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Rainy	PM WEATHER: Rainy	MAX. TEMP.	MIN. TEMP			
	WORK PERFORI	MED TODAY	L			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC		PM	8	
Electrical conduit instal	lation	SMCC		Engineer	8	
		SMCC		Supervisor	8	
Kaiser		SIVICO	<b>!</b>	Supervisor	0	
Additional potholing						
Excavation for 14" water	erine	HW Lee Construction	3	Skilled	24	
Sand bedding		HW Lee Construction	5	Helper	40	
Ysengsong		SMCC	2	Operator	16	
Waterline backfill and c	compaction 2nd lift and 3rd lift	Guam Advance	1	Supervisor	8	
Okkodo		Guam Advance	1	Skilled	8	
2nd lift wall and top slal	b rebar and formwork	Guam Advance	3	Helper	24	
Note: Work delayed 4h	rs due to heavy rain					
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		TOTAL OF WORK	16250	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		WARE VIOLOTICE ON THE		
l	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 1639		16394	
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check	<u> </u>					
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	:		8	
	1 PC200 excavator	8 hrs				
	1 Tire backhoe	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

						U4 DPR
	DAILY PRODUCTION REPO	ORT			DATE: 11-May-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	PUCTION-PH	IASE I		REPORT NO.: 209	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUP			200	
AM WEATHER:	PM WEATHER:	MAX. TEMP.		MIN. TEMP.		
Rainy/Cloudy/Sunny	Rainy/Cloudy/Sunny		<u>-</u>			
	WORK PERFOR	MED TODA	¥Υ			
wo	RK LOCATION AND DESCRIPTION	EMPLO	OYER	NUMBER	TRADE	HOURS
Carnation		SMC	CC	1	РМ	8
Water sample for EPA	lab test	SMC	CC	1	Engineer	8
Mobilisation of PC200						
Kaiser		SMC	cc	2	Operator	16
14" waterline connection	n	HW Lee Co	onstruction	1	Supervisor	8
Ysengsong						
Excavation for straddle	block.	HW Lee Co	nstruction	4	Helper	32.5
Water line 3rd lift backfi	ill and compaction					
Water sample for EPA I	lab test	Guam Ad	dvance	1	Supervisor	8
1		Guam Ad	dvance	2	Skilled	12
		Guam Ad	dvance	3	Helper	18
	I	<u> </u>				
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:	110.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES	NO NO	CUMULATIVE TOTAL OF WORK		17655.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES	NO NO			
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES	NO.	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 1776		17766
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:			YES	SAFETY REQUIREMENT MET	IS HAVE BEEN
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 Tirebackhoe	8 h	nrs			
	1 Mini excavator	8 h				
		CONTRACTO	OR/SUPERINTE	NDENT	DATE	

					F405-	U4 DPR
	DAILY PRODUCTION REPO	ORT			DATE: 12-May-2	21
CONTRACT NO.: W18-001-BND						
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	:		,	*
AM WEATHER: Rainy/Cloudy/Sunny	PM WEATHER: Rainy/Cloudy/Sunny	MAX. TEMP.		MIN. TEMP.		
	WORK PERFORI	MED TODAY	<u> </u>			
wo	RK LOCATION AND DESCRIPTION	EMPLOY	/ER	NUMBER	TRADE	HOURS
Carnation		SMCC		1	РМ	8
Electrical conduit work		SMCC	;	1	Engineer	8
Outage and replace the	main line in PRV11					
		SMCC	>	3	Operator	28
Clara		HW Lee Cons	struction	1	Supervisor	8
Additional potholing bac	kfill					
Ysengsong		HW Lee Cons	struction	3	Helper	24
Excavation for straddle	block, Potholing the valve connection near the road					
The state of the s	ection as T to the valve and goes straight across road	Guam Adva	ance	1	Supervisor	8
direction		Guam Advance			Skilled	24
		Guam Adva	ance	6	Helper	48
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:	156
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES			TOTAL OF WORK	17766
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES [	NO			
	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:		17922		
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:			YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS US	SED TODAY	:		
	1 Tirebackhoe	8 hrs	3			
	1 Mini excavator	8 hrs	3			
	1 boom truck	12 hrs	<b>3</b>			
		CONTRACTOR	R/SUPERINTE	NDENT	DATE	

					*
	DAILY PRODUCTION REPO	ORT		DATE: 30-Sep-2	21
CONTRACT NO.:	TITLE AND LOCATION:	<del></del>	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/Rainy	Sunny/Rainy				
	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Safety meeting		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
12" connection area bad	ckfill and compaction	SMCC	3	Operator	20
Control room roof secur	ing. Valve collar form+rebar	SMCC	1	D Truck Driver	8
Clara		HW Lee Construction	1	Supervisor	8
Excavation for waterline	connection+traffic control	HW Lee Construction	3	Skilled	24
Chipping waterline trend	ch around telephone cables	HW Lee Construction	7	Helper	52.5
Ysengsong		SMCC	1	Safety officer	2
Preparation for asphalt.	Basecourse level-and compaction	HW Lee Construction	2	Skilled	16
Hauling of disposal mat	erials and cleaning grading	HW Lee Construction	2	Helper	14
Terao					
Moving rebar to Terao					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WORK HOURS ON JOBSITE		
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	160,5
OOD OAI ETT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)	120 110	CUMULATIVE	TOTAL OF WORK	21122
MAC TOFNOLUNO/COAFF	COLDAIN EL ESTRICAL AUGULINORIA DONTO	VEQ	HOURS FROM	M PREVIOUS REPORT:	31123
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
				CHOURS FROM START	31283.5
WAS HAZARDOUS MATE (If YES attach a description of	RIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	JCTION:	
	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
				MET	_
COVID-19 Temp check					
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<u>':</u>		
	1 Hyundai excavator	8 hrs			
	1 Tire backhoe	8 hrs			
	1 Dump truck	8 hrs			
	1 Boom truck	4 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

		83		F4U5-	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 2-Oct-2	1
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND DDESCURE ZONE DEAL CONTRACT CONCERNATION DATE.			REPORT NO.:		
	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASET				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY		<del>.</del>	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Installation of concrete	barriers around PRV15	SMCC	1	Engineer	8
Kubota mini excavator t	track change	SMCC	1	Operator	8
		SMCC	1	B truck optr	8
g <del> </del>		HW Lee Construction	1	Supervisor	8
Clara					
Compaction		HW Lee Construction	6	Helper	44.5
Ysengsong					
Grading and compactio	n				
Excavation of road cros	sing for flowabe fill				
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:	84.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	31380.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM PREVIOUS REPORT:		
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		31465
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
00)415 404					
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 TODAY	:		
	45				
	1 Boom truck 1 Tire backhoe	8 hrs			
	i Tile Dackiloe	8 hrs			
					- 1
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

				100	U <del>T</del> DEIX		
	DAILY PRODUCTION REPO	ORT		DATE: 4-Oct-21			
CONTRACT NO.:	TITLE AND LOCATION:	<u> </u>	REPORT NO.:				
W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHAS				355			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:					
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.				
Sunny/Rainy	Sunny/Rainy						
	WORK PERFORI	MED TODAY		_			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS		
Carnation		SMCC	1	PM	8		
Control room roof form	securing	SMCC	1	Engineer	8		
		SMCC	2	Operator	16		
Kaiser							
16" waterline backfill an	d compaction	HW Lee Construction	1	Supervisor	8		
Vault electrical installati	on						
Clara		HW Lee Construction	2	Helper	16		
Backfill and compaction	1	HW Lee Construction		Skilled	24		
		THE EST SOLICITATION		Okined	24		
Ysengsong		Guam Advance	2	Skilled €	40		
Excavation for flowable	en ®	Guain Auvance	2	Skilled &	16		
excavation for flowable	III ş						
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO		RK HOURS ON JOBSITE	96		
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:			
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			5 - 20		
	(If YES attach copy of completed OSHA report)	_		TOTAL OF WORK	31465		
WAS TRENCHING/SCAFE	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	NOUKS FROM	W PREVIOUS REPORT:			
	checklist showing inspection performed)	120 110					
				CHOURS FROM START	31561		
WAS HAZARDOUS MATE (If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	GHON:			
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN		
			120	MET			
COVID-19 Temp Check							
	RECEIVED TODAY TO BE INCORPORATED IN JOB:						
CONSTRUCTION AND D	ANT FOURDMENT ON TOP SITE TOPAY, INC. LIDE NUMBER	D AND HOURS HOED TODAY					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:				
	4 Uhumadai ayaayataa	0.6					
	Hyundai excavator     backhoe	8 hrs 8 hrs					
	i backiloe	o nis					
		CONTRACTOR/SUPERINTE	NDENT	DATE			
0							

					U4 DFK	
	DAILY PRODUCTION REPO	ORT		DATE: 5-Oct-21		
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:		REPORT NO.:			
477	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 356				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Rainy	PM WEATHER: Rainy	MAX. TEMP.	MIN: TEMP.			
-	WORK PERFOR	MED TODAY				
18/0	RK LOCATION AND DESCRIPTION					
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation Control room roof concrete		SMCC		PM	8	
	······································	SMCC		Engineer	8	
Orango fonce + treffic d		SMCC		Operator	10	
Orange fence + traffic d	irums	SMCC		Btruck Optr	8	
Veenagang		HW Lee Construction		Supervisor	8	
Ysengsong Elowable fill on road cro		HW Lee Construction		Skilled	24	
clowable iiii off foad cro	ssing	HW Lee Construction	4	Helper	30.5	
				L		
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE	96.5	
JOB SAFETY	,					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			-	
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK PREVIOUS REPORT:	31561	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(If YES attach a statement or o	checklist showing inspection performed)		TOTAL WORK	CHOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO			31657.5	
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		1/70	SAFETY REQUIREMENT	S HAVE BEEN	
			YES	MET		
COVID-19 Temp Check						
	RECEIVED TODAY TO BE INCORPORATED IN JOB:	91				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS LISED TODAY				
			•			
	1 Mini excavator	8 hrs				
	1 Tire backhoe	2 hrs				
	1 Boom truck	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

ygenysony waterline exploration. 3

					J4 DFIX	
	DAILY PRODUCTION REPO	ORT		DATE: 19-Feb-2	:1	
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:		REPORT NO.:			
	PRESSURE ZONE REALIGNMENT CONSTR	1				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
<del></del>	WORK PERFOR	MED TODAY				
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Ysengsong		SMCC	1	РМ	8	
PRV77 Bottom slab Rel	bar	SMCC	1	Engineer	8	
Exploration for waterline	e. Four trenches potholing	SMCC	1	Supervisor	8	
		HW Lee Construction	1	Owner	8	
	3	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	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	l i			
(If YES attach a description of		YES NO	OF CONSTRU	CHOURS FROM START ICTION:	9916	
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	: 30			
	1 PC200 Excavator	8 hrs				
					4	
		CONTRACTOR/SUPERINTE	NDENT	DATE		

							04 DFK	
	DAILY PRODU	CTION REPO	ORT			DATE: 20-Feb-21		
CONTRACT NO.: W18-001-BND					REPORT NO.: 129			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUC		PROJECT SUPT.:					
AM WEATHER: Sunny	PM WEATHER: Sunny		MAX. TEMP.		MIN. TEMP.			
		ORK PERFORI	MED TODA	AY	<u> </u>	<del></del>		
wo	RK LOCATION AND DESCRIPTIO		EMPLO	-	NUMBER	TRADE	HOURS	
Ysengsong			SMC	cc	1	РМ	8	
Exploration for waterline			SMC	CC		Engineer	8	
			SMC	CC		Supervisor	8	
			SMC	CC		Operator	8	
Note: Corp stop got pul	ed out while exploration. GWA repa	aired it	HW Lee Co	nstruction		Helper	8	
JOB SAFETY	WAS A JOB SAFETY MEETING HEL (If YES attach copy of the meeting minutes)	D THIS DATE?	YES	NO		RK HOURS ON JOBSITE THIS DATE:	40	
	WERE THERE ANY LOST TIME ACC (If YES attach copy of completed OSHA rep		YES	NO		TOTAL OF WORK	9916	
	OLD/HV ELECTRICAL/HIGH WORK hecklist showing inspection performed)	DONE?	YES	☐ NO		· .		
WAS HAZARDOUS MATE (If YES attach a description of	RIAL/WASTE RELEASED TO THE EN	NVIRONMENT?	YES	NO NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		9956	
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION (	CONDUCTED:			YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID 10 Town Charle								
COVID-19 Temp Check EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPOR	RATED IN JOB:						
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TOD	DAY, INCLUDE NUMBE	R AND HOURS	USED TODAY	·:			
	1 Excavator		8 1	hre				
	T Excavator		01	1115				
			CONTRACT	OR/SUPERINTE	ENDENT	DATE		

	DAILY PRODUCTION REPO			DATE:	U4 DFK
000178407410		ואכ	22-Feb-21		
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I REPORT NO.:			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
<del></del>	WORK PERFORI	MED TODAY		·	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Control room Base exca	avation for electrical piping	SMCC	1	Engineer	8
Hatch Formwok MM43/	4,B,PRV80	SMCC	1	Supervisor	8
Ysengsong		HW Lee Construction	1	Owner	8
PRV77 Bottom slab reb	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
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:	112
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	9956
	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:		10068
LIST SAFETY ACTION TA	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 PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
2					
	•				_
		CONTRACTOR/SUPERINTE	NDENT	DATE	
*		<del></del>			

-				DATE:	J4 DI IX	
	DAILY PRODUCTION REPO	DRT	23-Feb-21			
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:		REPORT NO.:			
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 132				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
			L	~~~		
	WORK PERFORI	MED TODAY				
WO	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kaiser		SMCC	1	РМ	8	
Control room Base exca	avation for electrical piping	SMCC	1	Engineer	8	
Hatch Formwok MM43A	A,B,PRV80	SMCC	1	Supervisor	8	
Electrical handhole exca	avation	HW Lee Construction	1	Owner	8	
		HW Lee Construction	1	Supervisor	8	
Ysengsong		HW Lee Construction	3	Skilled	24	
PRV77 Bottom slab reb	ar installation	HW Lee Construction	5	Helper	40	
Continue excavation to	explore the second connection point	SMCC	2	Operator	16	
			<u> </u>			
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:	120	
JOB SAILIT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(If YES attach copy of completed OSHA report)	NO	CUMULATIVE	TOTAL OF WORK	10000	
WAS TRENSHING OF A		VEC NO	HOURS FROM	M PREVIOUS REPORT:	10068	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO				
	ERIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		10188	
(If YES attach a description of LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN	
		i	120	MET	-	
COVID-19 Temp Check						
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
	1 PC200 Excavator	8 hrs				
	1 Tirebackhoe	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

	<u> </u>				U4 DFR	
	DAILY PRODUCTION REPO	ORT		DATE: 12-May-21		
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 210				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Rainy/Cloudy/Sunny	PM WEATHER: Rainy/Cloudy/Sunny	MAX. TEMP.	MIN. TEMP.			
	WORK PERFORI	MED TODAY			<del> </del>	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Electrical conduit work		SMCC	1	Engineer	8	
Outage and replace the	main line in PRV11					
outago una <u>ropiaso tris</u>	THOM THE REPORT OF THE PARTY OF	SMCC	3	Operator	28	
Clara		HW Lee Construction		Supervisor	8	
Additional potholing bad	kfill					
Ysengsong		HW Lee Construction	3	Helper	24	
Excavation for straddle	block. Potholing the valve connection near the road					
Found the ACP is conn	ection 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	
				•		
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:	156	
	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 REPOR			17766	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO				
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		17922	
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check						
	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
<u> </u>						
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
	1 Tirebackhoe	8 hrs				
	1 Mini excavator	8 hrs			]	
	1 boom truck	12 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE	i	

					04 DPR	
22	DAILY PRODUCTION REPO	ORT		DATE: 10-Mar-	21	
CONTRACT NO.:	Wide and Pain			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 147				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Rainy/Cloudy	PM WEATHER: Rainy/Cloudy	MAX. TEMP.	MIN. TEMP			
	WORK PERFOR	MED TODAY			<del></del> -	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kaiser		SMCC	1	РМ	8	
Control room electrical	rough-in	SMCC		Engineer	8	
Clara		SMCC		Supervisor	8	
Line detector by GWA	for potholing location	HW Lee Construction		Owner	8	
Ysengsong	-	HW Lee Construction		Supervisor	8	
Form removal PRV77		HW Lee Construction		Skilled	32	
Waterline pipe delivery	and installation	HW Lee Construction		Helper	40	
Yard		SMCC		Operator	8	
Material delivery 16" an	d 14" c900 pipes	Guam Advance		Supervisor	8	
Okkodo		Guam Advance		Plumber	16	
Mobilisation of PC200 E	Excavator	Guam Advance	4	Helper	32	
Overall work delayed	1hr due to rain					
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:	176	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	11542	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	THE STREET ROPE	- NEVIOUS REPORT.		
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		11718	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
		'		· · ·		
COVID -19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
	1 Boom truck	4 hrs				
	1 PC200 Excavator	4 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

					-04 DPR
**	DAILY PRODUCTION REPO	ORT		DATE: 20-Mar-2	21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		157	
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
Kaiser		SMCC	1	РМ	8
Electrical ductline back	fill. 1hr. Backhoe hydrualic issue and repair	SMCC		Engineer	9
		SMCC		Supervisor	8
Clara		SMCC		Operator	3
	and traffic signs for potholing	SMCC		Mechanic	4
		HW Lee Construction		Helper	7
			<u> </u>		
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I TOTAL WOR	RK HOURS ON JOBSITE THIS DATE:	39
	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:		12734
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	8937		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  f incident and proposed action)	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START JCTION:	12773
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	· · · · · · · · · · · · · · · · · · ·	YES	SAFETY REQUIREMENT MET	IS HAVE BEEN
COVID-19 Temp Check	v		_		
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>':</b>		
	1 Bomm truck	3 hrs			
	1 Tirebackhow	5 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				1 405-	04 DFR
	DAILY PRODUCTION REPO	ORT		DATE: 30-Mar-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		167	<del></del>
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
		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
Waterline presssure tes	ting end cap and fittings	SMCC	1	Supervisor	8
Kaiser		HW Lee Construction	1	Owner	8
Clear old tank area valv	e manhole	HW Lee Construction	1	Supervisor	8
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
Ysengsong		SMCC	1	Operator	8
PRV77 2nd lift wall top s	slab rebar and formwork	Guam Advance	1	Plumber	8
		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 THIS DATE:	136
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	13546
WAS TRENCHING/SCAFF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOOKS I KON	AFREVIOUS REPORT.	
(If YES attach a statement or o	checklist showing inspection performed)				
(If YES attach a description of		YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START ICTION:	13682
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
		•			
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
	NOTICE TO SELECTED IN COST.				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	 :		
	1 Mini Excavator	8 hrs			
					25
		CONTRACTOR/SUPERINTE	NDENT	DATE	

					U4 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 31-Mar-2	21 .	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 168				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
	WORK PERFORI	MED TODAY	!			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
		SMCC	1	PM	8	
Carnation		SMCC		Engineer	8	
Waterline presssure tes	eting	SMCC				
Valorinio prosssure tes	Mily			Supervisor	8	
		HW Lee Construction		Owner	8	
Clara		HW Lee Construction	1	Supervisor	8	
		HW Lee Construction	3	Skilled	24	
Additional Potholing - Fo	ound 6", going to the fense. Potholing to see 6" going to	HW Lee Construction	5	Helper	40	
the fense not found. Pol	tholing again near valves and found 6",8" going out	SMCC	1	Operator	8	
		Guam Advance	1	Plumber	8	
Ysengsong		Guam Advance	2	Helpers	16	
PRV77 2nd lift wall top:	slab rebar and formwork					
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:	136	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	13682	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS PROMPREVIOUS REPORT:			
(If YES attach a description of		YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		13818	
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
	RESERVED TO BE INCOMPORATED IN JOB.					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	P AND HOURS HEED TODAY				
	THE THE PARTY OF THE PARTY, INCLUDE NOMBER	K AND HOURS USED TODAY	•			
	1 Mini Excavtor	8 hrs				
	-	CONTRACTOR/SUPERINTE	NDENT	DATE		

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



F405-04 DPR

					U4 DPK
	DAILY PRODUCTION REPO	ORT		DATE: 25-Mar-2	21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 162			
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	RK 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		Supervisor	8
PRV79 Waterline conne	ection excavation till road	HW Lee Construction		Owner	8
Clara		HW Lee Construction		Supervisor	8
Moblisation of Mini Exca	avator	HW Lee Construction	3	Skilled	24
Traffic sign preparation		HW Lee Construction	5	Helper	40
PRV78 waterline conne	ction excavation	SMCC		Operator	16
Ysengsong		Guam Advance	1	Plumber	8
Waterline pressure test	ing	Guam Advance	2	Helpers	16
Okkodo		SMCC		Safety officer	4
Bottom slab rebar instal	llation				
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)		NO CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		13117
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
(If YES attach a description of			TOTAL WORK HOURS FROM START OF CONSTRUCTION: 1326		13265
LIST SAFETY ACTION TA	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 PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY			
	1 Tirebackhoe	8 hrs			
	1 Mini Excavator	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

					01011	
	DAILY PRODUCTION REPO	ORT		DATE: 26-Mar-2	21	
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:			
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	UCTION-PHASE I 16			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		•		
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.			
Rainy/Sunny	Sunny			<del></del>		
	WORK PERFOR	MED TODAY				
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
		SMCC	1	РМ	8	
Kaiser		SMCC	1	Engineer	8	
Backfill electrical trench	and compaction	SMCC	1	Supervisor	8	
		HW Lee Construction	1	Owner	8	
Clara		HW Lee Construction		Supervisor	8	
Traffic sign preparation	and pavement cutting	HW Lee Construction		Skilled	24	
PRV78 waterline conne	ection excavation	HW Lee Construction	5	Helper	40	
Ysengsong		SMCC	2	Operator	16	
Waterline pressure test	ing	Guam Advance	1	Plumber	8	
Okkodo		Guam Advance	2	Helpers	16	
Bottom slab rebar insta	llation					
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 HOURS FROM PREVIOUS REPORT:		13265	
	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:		13409	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN	
		1		MET		
COVID-19 Temp Check	<b>.</b>					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>':</b>			
	1 Mini Excavator	8 hrs				
	1 Tire backhoe	8 hrs				
		CONTRACTOR/SUPERINTE	ENDENT	DATE		

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	DAILY PRODUCTION REPO	ORT		DATE: 1-Apr-2	1
CONTRACT NO.: TITLE AND LOCATION: W18-001-BND DDECCURE TONE DEAL CONSTRUCTION DUAGE.				REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 169			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.    PM WEATHER:	PROJECT SUPT.:	IMIN TEMP		
Sunny	Sunny	IVAA. TEIVIP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY		· · ·	2
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
		SMCC	1	РМ	8
Carnation		SMCC	1	Engineer	8
Waterline presssure tes	sting	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	1	Operator	8
Backfill andcompaction	potholing area	Guam Advance	1	Supervisor	8
Ysengsong		Guam Advance	1	Plumber	8
PRV77 top slab rebar a	nd formwork. Hatch formwork. Drain pipes installation				
	T				
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:	112
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	10652
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TIOURS PROI	W FREVIOUS REPORT.	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		10764
	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 Mini Excavator	8 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 5-Apr-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	<u>.                                      </u>
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 173			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		•	-
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY		<del></del>	<del></del>
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	8
Waterline connecton fit	ting change	SMCC		Engineer	8
Clara		SMCC		Supervisor	8
Traffic control		HW Lee Construction		Owner skilled	8
Pavement cutting		HW Lee Construction		Supervisor	8
Excavationn of waterlin	e connection	HW Lee Construction		Skilled	24
Ysengsong		HW Lee Construction	1	Helper	40
2nd lift wall and top slat	concrete casting 18yd3	SMCC		Operator	16
		Guam Advance		Supervisor	4
Matrerial movement		Guam Advance	1	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		RK HOURS ON JOBSITE THIS DATE:	136
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	13818
	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 NO OF CONSTRUCTION:		13954
	incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<del>'</del> :		
	1 Mini Excavator	8 Hrs			
	1 Boom Truck	8 hrs			
3		CONTRACTOR/SUPERINTE	ENDENT	DATE	

					U4 DPR	
	DAILY PRODUCTION REPO	ORT		DATE: 6-Apr-2	1	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	<del></del>	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	UCTION-PHASE I			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	···			
AM WEATHER: Rainy/Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
	WORK PERFORI	MED TODAY				
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation	NAT 200 AND BESSAII HOR					
PRV76 Waterline Press	cure and look tooting	SMCC		PM	8	
Matrerial movement	sule and leak testing	SMCC		Engineer	8	
Kaiser		SMCC		Supervisor	8	
PRV79 waterline one si	ide till road installation	HW Lee Construction		Owner skilled	8	
Sand bedding	ue un roau instaliation	HW Lee Construction HW Lee Construction		Supervisor Skilled	8	
Clara					24	
- A	ontinue. Exposed 12"(14"Outer dia) asbestos pipe,	HW Lee Construction		Helper	32	
8" waterline		SMCC		Operator	16	
Okkodo	2	Guam Advance		Supervisor	8	
•		Guam Advance		Plumber	8	
MM04C 1st lift wall reba	ar and rormwork	SMCC	1	B.Truck optr	8	
				L		
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	136	
JOB SAFETY	The state of the s		THIS DATE.			
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK MPREVIOUS REPORT:	13954	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(If YES attach a statement or	checklist showing inspection performed)		TOTAL MODI	/ HOUDO FDOM OT 407		
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	CHOURS FROM START ICTION:	14090	
	incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			PAFETY DEOLUDEMENT	C HAVE DEEN	
LIST SAFETT ACTION 17	AREN TODATISAFETT INSPECTION CONDUCTED.	Į	YES	SAFETY REQUIREMENT MET	2 HAVE BEEN	
00/4/2 40 7						
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	:			
	4 Mini Evandar	0.5				
	1 Mini Excavtor 1 Tirebackhoe	8 hrs 8 hrs				
	1 Boom Truck	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

				DATE:	U4 DFR	
	DAILY PRODUCTION REPO	DRT		7-Apr-2	1	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	UCTION-PHASE I 175			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			·	
AM WEATHER: Sunny	PM WEATHER:	MAX. TEMP.	MIN. TEMP.			
Suriny	Sunny					
	WORK PERFOR	MED TODAY				
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
PRV76 Waterline Press	sure and leak testing	SMCC	1	Engineer	8	
Control room area elect	trical trench basecoarse and compaction	SMCC	1	Supervisor	8	
Kaiser		HW Lee Construction	1	Owner skilled	8	
PRV79 waterline one si	de till road installation cap	HW Lee Construction	1	Supervisor	8	
Matrerial movement	9	HW Lee Construction	3	Skilled	24	
Clara		HW Lee Construction	· 5	Helper	40	
Waterline excavation co	ontinue. 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 reba	ar and formwork	SMCC		B.Truck optr	8	
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		TOTAL OF WORK	14090	
WAS TRENCHING/SCAFE	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(If YES attach a statement or o	checklist showing inspection performed)					
(If YES attach a description of		YES NO	TOTAL WORK HOURS FROM START 0F CONSTRUCTION: 14		14234	
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
		•				
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
EGOPHENTHATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB.					
CONSTRUCTION AND PL	ANT 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				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

					U4 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 8-Apr-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	-
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 176			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Rainy/cloudy	PM WEATHER: Rainy/cloudy	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY			
WO	RK LOCATION AND DESCRIPTION		WWDED		
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER		HOURS
Weekly safety meeting  Carnation		SMCC		PM 	8
		SMCC		Engineer	8
PRV76 Waterline Press	<u> </u>	SMCC		Supervisor	8
	rical trench basecoarse and compaction	HW Lee Construction		Owner skilled	8
Clara		HW Lee Construction	1	Supervisor	88
Waterline excavation co		HW Lee Construction	3	Skilled	24
Potholing. 6" from first v	valve makes a 90 degree bend towards north direction	HW Lee Construction	5	Helper	40
Okkodo		SMCC	2	Operator	16
MM04C 1st lift wall reba	r 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		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	14234
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
WAS HAZARDOUS MATE	checklist showing inspection performed)  ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		14382
(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	IES	MET	
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 TODAY	:		
	1 Mini Excavtor	8 hrs			
	1 Tirebackhoe 1 Boom Truck	8 hrs 8 hrs			
	i Boom mack	0 185			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
	· · · · · · · · · · · · · · · · · · ·		_,		

		<u> </u>		DATE:	U4 DPR
1	DAILY PRODUCTION REPO	DRT		9-Apr-2	1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
W10-001-BNB	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 177			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP	•	
	WORK PERFORI	MED TODAY	<del>-</del>		
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV76 Waterline Press	sure 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 I	Excavator	HW Lee Construction	3	Skilled	24
Clara		HW Lee Construction	5	Helper	40
Waterline excavation co	ontinue.	SMCC	2	Operator	16
Ysengsong		Guam Advance	1	Supervisor	8
PRV77 Waterline Press	sure and leak testing	Guam Advance	1	Plumber	8
Okkodo		SMCC	1	B.Truck optr	8
MM04C 1st lift wall reba	ar and formwork				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES N	I TOTAL WOR	RK HOURS ON JOBSITE THIS DATE:	144
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES N	CUMULATIVE	TOTAL OF WORK M PREVIOUS REPORT:	14378
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES N			
WAS HAZARDOUS MATI	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:		14522	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
00\#D 40 T 0h					
COVID -19 Temp Chec EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:			ε	
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	Y:		
	Mini Excavtor     Tirebackhoe     PC200 Excavatpr     Boom Truck	7 hrs 8 hrs 1 hrs 8 hrs			
		CONTRACTOR/SUPERIN	FENDENT	DATE	

				DATE:	04 DPR
	DAILY PRODUCTION REPO	DRT		12-Арг-2	:1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	REPORT NO.:			
	PRESSURE ZONE REALIGNMENT CONSTR			180	
CONTRACTOR: AM WEATHER:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP		
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kiaser		SMCC	1	РМ	8
Control room bottom sl	ab concrete casting	SMCC	1	Engineer	8
Clara		SMCC	1	Supervisor	8
Waterline trenching					
Ysengsong		HW Lee Construction	1	Supervisor	8
Waterline pressure test	ing. Existing line broke and GWA fixed.	HW Lee Construction	3	Skilled	24
PRV77 Form removal		HW Lee Construction	4	Helper	32
Okkodo		SMCC	2	Operator	16
MM04C 1st lift wall con	crete casting	Guam Advance	1	Supervisor	8
		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		TOTAL OF WORK	14563
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
l .	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CONSTRUCTION:		14715	
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check	,				
	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			
	1 Mini excavator	8 hrs			
2					
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 13-Apr-2	1
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	<u>'</u>
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	UCTION-PHASE I		181	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		I	-
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny				
	WORK PERFORI	MED TODAY			:
WOI	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Bedding sand delivery 2	? loads	SMCC	1	Engineer	8
Clara		SMCC	1	Supervisor	8
Waterline trenching		SMCC	1	safety officer	2
PRV78 2 sides 1lift and	2lifts backfill and compaction	HW Lee Construction	1	Supervisor	8
Bedding sand delivery 2	? loads	HW Lee Construction	3	Skilled	24
Sand bedding in one sid	de 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? (If YES attach copy of the meeting minutes)	YES NO		RK HOURS ON JOBSITE THIS DATE:	154
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	14715
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	NOME THOMAT RESIDENT NET ON THE		
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		14869
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:	-	YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID 40 T Ob 1					
COVID-19 Temp Check EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
					- 1
	1 Tirebackhoe	8 hrs			1
	1 Mini excavator	8 hrs			
		CONTRACTOR/SUPERINTE	:NDENT	DATE	

		<u> </u>		F405-	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 15-Apr-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	LIGHTICAL DULLOC		REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 183			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
Sunny	PM WEATHER: Sunny	MAX. TEMP.	Min. Temp.		
	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	РМ	8
		SMCC	1	Engineer	8
Kiaser		SMCC	1	Supervisor	8
Trenching for electrical	ductline near PRV79	SMCC	1	safety officer	4
CMU units and crushed	aggregates delivery	HW Lee Construction	1	Supervisor	8
Clara		HW Lee Construction	3	Skilled	24
Waterline excavation. W	laterline 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	2	Plumber	16
Form removal		Guam Advance	3	Helper	24
Mechanical delivery for	MM04C				
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:	172
WAS TEFNISHING COAF	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		15021
(If YES attach a statement or o	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)  ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 15193		15193
(If YES attach a description of	incident and proposed action)	TES NO	01 001101110	orion.	
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check					
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY	:		
	1 Tirebeeldee	0.1			
	1 Tirebackhoe 1 Mini excavator	8 hrs 8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	)PT		DATE:	04 151 17
CONTRACT NO.:	TITLE AND LOCATION:			16-Apr-2	21
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I REPORT NO.:			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		I	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN, TEMP.		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kiaser		SMCC	1	РМ	8
Potholing for 14" waterl	ine trench	SMCC	1	Engineer	8
Control room wall CMU		SMCC	1	Supervisor	8
Clara					
Waterline excavation		HW Lee Construction	1	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	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:	168
=	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	15193
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
(If YES attach a description of		YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		15361
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODAY	:	<del></del>	
	1 PC200 Excavator	8 hrs			
	1 Boomtruck	8 hrs			
	1 Mini Excavator	8 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	<del></del>	<u> </u>			U4 DFR	
DAILY PRODUCTION REPO		ORT	DATE: 17-Apr-21			
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:			
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 185				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
	WORK PERFOR	MED TODAY		·	· · · · · · · · · · · · · · · · · · ·	
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
		SMCC	1	PM	8	
Kiaser		SMCC		Engineer	8	
Potholing for 14" water	ine trench	SMCC	1	Supervisor	8	
Control room wall CMU		SMCC	2	Operator	16	
Housekeping and garba	age disposal					
Water truck cleaning th	e road					
Clara		HW Lee Construction	3	Helper	24	
Waterline excavation						
Compaction						
			<del></del>			
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:	64	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	15361	
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		·		
I	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		15425	
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check	,				1.0	
	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 Mini Excavator	8 hrs				
		CONTRACTOR/SUPERINTE	ENDENT	DATE		

					04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 19-Apr-2	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: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP		
	WORK PERFORI	MED TODAY		·	<del></del>
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	8
Control room chipping f	or electrical piping	SMCC		Engineer	8
Kiaser		SMCC		Supervisor	8
Control room wall CMU				Oupor 1.00.	_ <u> </u>
Clara		HW Lee Construction	1	Supervisor	8
Waterline excavation		HW Lee Construction		Skilled	24
Ysengsong		HW Lee Construction	1	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	NO TOTAL WORK HOURS ON JOBSITE THIS DATE:  NO CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		152
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)				15425
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
(If YES attach a description of		YES NO	TOTAL WORK HOURS FROM START 0 OF CONSTRUCTION:		15577
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
COVID-19 Temp Check	8				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 PC200 Excavator	8 hrs			
	o as	CONTRACTOR/SUPERINTE	NDENT	DATE	:

KAISER D-1 ASPHALT RESTORATION

<b>9</b> 1	DAILY PRODUCTION REPO	DRT		DATE: 26-Jan-2	22
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		469	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Curry					<u> </u>
	WORK PERFOR	MED TODAY		<u> </u>	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Preparation for asphalt	restoration access road.	SMCC	1	Engineer	8
Backfill and compaction	EHH area, Inlet outlet areas	SMCC	3	Operator	24
		SMCC	1	B Truck optr	8.5
Airport Storage					
Clean and arrange		HW Lee Construction	1	Supervisor	8
Okkodo		HW Lee Construction	1	Skilled	6.5
Backfill compaction		HW Lee Construction	5	Helper	40
Terao		Guam Advance	1	Skilled	8
PRV12 inside mechanic	cal installation including PRV,Valves etc	Guam Advance	3	Helpers	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	135
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	43187
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM	M PREVIOUS REPORT:	10101
WAS HAZARDOUS MATE	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START ( ICTION:	43322
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		İ		MET	
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 TODAY	<u> </u>		
	1 Tire backhoe	8 hrs			
	1 PC200	8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

3.	DAILY PRODUCTION REPO	ORT		DATE:	00
CONTRACT NO.: TITLE AND LOCATION:				17-Mar-22 REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		519	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		<del>_</del>
Sunny	Sunny				·
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Electrical work in vaults	s and control room	SMCC	1	Engineer	8
		SMCC	2	Operator	16
Kaiser		SMCC	1	Supervisor	8
Ashalt restoration acce	ss road 2nd section	HW Lee Construction		Supervisor	8
Ysengsong		HW Lee Construction	3	Skilled	24
Door form removal		HW Lee Construction	7	Helper	56.5
Terao		SMCC	2	D&B truck optr	13
Excavation for waterline	е	Guam Advance		Skilled (M )	16
20" pipe connection be	tween meter vault and PRV				
Preparation for pressur	e leak test				
		Guam Advance	3	Skilled (E )	24
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)		THIS DATE:		181.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT:	
	checklist showing inspection performed)	120 140			
WAS HAZADDONS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START		181.5
(If YES attach a description of	incident and proposed action)	YES NO	OF CONSTRU	CTION.	
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	TS HAVE BEEN
		•		WE1	
COVID-19 Temp check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
EGOIF MENTANA ERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PI	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:	<del></del>	
	1 Boom truck	4.5 hrs			
	Dump truck     tire backhoe	8.5 hrs			
	Hyundai excavator	8 hrs 8 hrs			
	· · · · · · · · · · · · · · · · · · ·	3			
		CONTRACTOR/SUPERINTE	NOFAIT		
_ "		OGNITACIONSUFERINIE	IADEIAI	DATE	ļ

DAILY PRODUCTION REPORT  5-Apr-2:  CONTRACT NO.: TITLE AND LOCATION:  W18-001-BND PRESCURE ZONE REAL CONSTRUCTION PLACE I	2
WHO GOT BAID	
PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 538	
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 1 PM	8
Additional work PRV15 hatch-Concrete SMCC 1 Engineer	8
Electrical work in vaults 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. Inpection , 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 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:	152
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  (If YES attach copy of completed OSHA report)  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)  TOTAL WORK HOURS FROM START	152
WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT?  YES NO OF CONSTRUCTION:  (If YES attach a description of incident and proposed action)	
LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED:  YES  SAFETY REQUIREMENT MET	S HAVE BEEN
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB:	
COVID-19 Temp check	
CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY:	
1 Boom truck 8 hrs	
1 Hyundai excavator 8 hrs	
1 Tire backhoe 8 hrs	
CONTRACTOR/SUPERINTENDENT DATE	

	DAILY PRODUCTION REPO	ORT	DATE: 1-Nov-21		
CONTRACT NO.: TITLE AND LOCATION:				REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		383	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP		
- Carriy Adamy		155 755 434	L		
	WORK PERFOR	MED TODAY		•	
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Road crossing electrica	l excavation to PRV11	SMCC	1	Engineer	8
Plastering PRV15		SMCC	3	Operator	24
Flowmeter vaults wall c	hipping for electrical conduit	SMCC	1	B truck optr	4
Marbo PRV electrical w	ork	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	fic 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	npie				
Terao					
Meter vault 1st lift wall r	ebar 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	YES NO OF CONSTRUCTION:		34349
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREM	
			120	BEEN MET	<u>г</u>
COVID-19 Temp Check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<i>,</i> .		
	, , , , , , , , , , , , , , , , , , , ,	TODAY	•		
	1 Med Excavator with breaker	8 hrs			
	1 Mini Excavator	8 hrs			
	2 Tirebackhoe	16 hrs			
	1 Boom truck	4 hrs			ĺ
		CONTRACTOR/SUPERINTE	NDENT	DATE	
					l

DAILY PRODUCTION REPORT				DATE: 2-Nov-21		
CONTRACT NO.:   TITLE AND LOCATION:			REPORT NO.:			
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTI	RUCTION-PHASE I		384		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.			
-		MED TODAY				
	WORK PERFOR			170-200		
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC		PM	8	
Road crossing electrica		SMCC	1	Engineer	8	
Plastering PRV15 pipe		SMCC	3	Operator	24	
· · · · · · · · · · · · · · · · · · ·	hipping for electrical conduit					
Marbo PRV <u>electrical w</u> Kalser	OIK	HW Lee Construction		Supervisor	8	
	ar marine drive road valve 16" to12"	HW Lee Construction	_	Skilled	36.5	
Additional potitoling flea	in marine drive road valve 10 to 12	HW Lee Construction Guam Advance		Helper Skilled (E )	24	
		Guain Advance	3	Skilled (E.)	24	
Terao						
Meter vault 1st lift wall r	ebar installation		-			
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:	132.5	
	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:		34349	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL IMORE	A HOURS FROM START		
(If YES attach a description o	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? fincident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		34481.5	
LIST SAFETY ACTION T	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 P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMB	ER AND HOURS USED TODA	<u>/:</u>			
	1 Mod Francisco with here to	0.5				
	Med Excavator with breaker     Mini Excavator	8 hrs 8 hrs				
	2 Tirebackhoe	16 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

DAILY PRODUCTION REPORT  DATE: 4-Nov-21					
CONTRACT NO.:   TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 386			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Road crossing electrica	excavation to PRV11	SMCC	1	Engineer	8
Electrical conduit laying	to PRV15, PRV11 . Cleaning electrical trench	SMCC	3	Operator	24
Electrical raceway conc	rete 1 st road crossing to PRV11+Addtl	SMCC	1	Btruck operator	6
Kaiser Safety mee	ling	HW Lee Construction	1	Supervisor	8
Excavation for outage p	reparation 14" to 16"	HW Lee Construction	4	Skilled	32
Additional potholing Kai	ser outside deep potholing to find 14" to 12" connection	HW Lee Construction	4	Helper	32
Control room panel+ins	truments+electrical work	Guam Advance	3	Skilled (E )	24
Terao		SMCC	1	safety officer	4
Meter vault 1st lift outsid	de wall formwork				
Malmai					
Meter vault base area c	ompaction				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I IO IAL WOR	K HOURS ON JOBSITE THIS DATE:	146
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	34621.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL WORL	CHOURS FROM START	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? fincident and proposed action)	YES NO	OF CONSTRU		34767.5
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
				DEEIN MIC	
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	Y:		
	1 Med Excavator with breaker	8 hrs			
	1 Mini Excavator	8 hrs			J
	2 Tirebackhoe 1 Boom truck	16 hrs 6 hrs			
	i Boom truck	o ms			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE:		
CONTRACT NO.:			5-Nov-2 REPORT NO.:	<u> </u>		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		387		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
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	9	
Electrical trench to PRV	/11 first section, to flowmeters flowable fill	SMCC	1	Engineer	9	
Electrical trench excava	ation to PRV11 2nd half	SMCC	2	Operator	17	
Flowmeter vaults wall c	hipping	SMCC	1	Btruck Optr	8	
Kaiser		HW Lee Construction	1	Supervisor	8	
Additional potholing Kai	ser outside deep potholing to find 14" to 12" connection	HW Lee Construction	4	Skilled	32	
Outage and connection	new 14" to existing 16" near outside gate	HW Lee Construction	6	Helper	48.5	
from 8am to 5:30pm and	d sand bedding					
Control room electrical v	work for panel installation	Guam Advance	1	Supervisor	8	
Terao		Guam Advance	1	Skilled(M)	8	
Meter vault 1st lift outsid	de wall formwork	Guam Advance	4	Helper	32	
		Guam Advance	2	Skilled (E )	16	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I IOIAL WOR	IK HOURS ON JOBSITE THIS DATE:	195.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	34767.5	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	_			
(If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		34963	
LIST SAFETY ACTION TO	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 PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	<b>Y</b> :			
	1 Mini excavator	8 hrs				
	1 Tire backhoe	9 hrs				
	1 Boom truck	8 hrs				
	1 Excavator with breaker	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		
					ł	

	DAILY PRODUCTION REPO	ORT		DATE: 6-Nov-2	1	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	UCTION-PHASE I			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny/Rainy	PM WEATHER: Sunny/Rainy	MAX. TEMP.	MIN. TEMP.			
Carry/rearry			<u> </u>			
	WORK PERFORI	MED TODAY				
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Chipping PRV11 and E	HH wall for electrical conduit	SMCC	1	Engineer	8	
PRV15 electrical sleeve	plastering	SMCC	2	Operator	15	
		SMCC	1	Water truck optr	8	
		HW Lee Construction	1	Supervisor	8	
Kalser		HW Lee Construction	1	Skilled	4.5	
Backfilling additional po	otholing	HW Lee Construction	3	Helper	24.5	
		Almer Santos	1	skilled	8	
Clara						
Waterline additional chl	orination as the previous chlorination validity expired					
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:	84	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	34963	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO				
(If YES attach a description o	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  f incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		35047	
LIST SAFETY ACTION T	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 P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>/</b> :			
	1 Tire backhoe	7 hrs				
	1 Water truck	8 hrs			ļ	
	1 Mini Excavator	8 hrs				
		CONTRACTOR/SUPERINTE	ENDENT	DATE	9	
					- 1	

	DAILY PRODUCTION REPO	ORT		DATE: 10-Nov-	24	
CONTRACT NO.:   TITLE AND LOCATION:				REPORT NO.:		
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>			
1410						
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER		HOURS	
Carnation		SMCC	i	РМ	8	
EHH installation		SMCC	1 1	Engineer	8	
	tion to PRV11 2nd half road crossing	SMCC		Operator	16	
Kaiser		SMCC	1	Btruck Optr	6	
EHH cleaning		HW Lee Construction		Supervisor	8	
Pressure Leak test 16"		HW Lee Construction	4	Skilled	32	
Backfill additional potho	ling	HW Lee Construction	6	Helper	46.5	
Terao						
PRV12 bottom slab reb						
MM44 1st lift outside wa	all formwork	Guam Advance	1	Skilled(M)	8	
Mobilisation of PC200		Guam Advance	2	Helper	16	
<u> </u>						
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:	148.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		35363.5	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TOTAL WOR	CHOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  fincident and proposed action)	YES NO	OF CONSTRUCTION: 3551		35512	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET		
COVID -19 Temp Check						
EQUIPMEN I/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	<b>/</b> :			
	1 Mini excavator	8 hrs				
	2 Tire backhoe	16 hrs			ĺ	
	1 Boom truck	6 hrs				
	1 Excavator with breaker	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE		

	DAILY PRODUCTION REPO	ORT		DATE:	
			21-Jan-22 REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFORI	MED TODAY	<u> </u>		
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC		PM	8
Asphalt cutting and pre	paration for restoration, compaction	SMCC		Engineer	8
16" outlet area backfill		SMCC		Operator	16
12"Inlet area backfill an	<del></del>	SMCC		B Truck Optr	8
Valve riser installation	a compaction	SWCC	<u>'</u>	B Truck Optr	- 0
	ping at mandrell stuck areas	HW Lee Construction	1	Supervisor	8
	rapping and thrust block concrete. Sand bedding	HW Lee Construction		Skilled	8
Okkodo		HW Lee Construction		Helper	40
Fittings, cap, preparation	on for pressure leak test meter vault				
		Guam Advance	1	Skilled	8
		Guam Advance	3	Helpers	24
		Guam Advance	1	Skilled (E )	8
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:		136
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	42793
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START JCTION:	42929
	of incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME	NTS HAVE
			169	BEEN MET	r
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	Y:		<u> </u>
	1 Tirebackhoe	8 hrs			
	1 PC200	8 hrs			
	1 Boom truck	8 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 25-Jan-2	22
CONTRACT NO.:	TITLE AND LOCATION:		REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		468	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kalser		SMCC	1	РМ	8
Preparation for asphalt	restoration access road	SMCC	1	Engineer	8
Cleaning the site		SMCC		Operator	24
		HW Lee Construction	1	Supervisor	8
Okkodo					
Scarify, change backfill	. Compaction	HW Lee Construction	3	Helper	24
Terao		Guam Advance	1	Skilled	8
PRV12 inside mechani	cal installation including PRV,Valves etc	Guam Advance 3		Helpers	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:	
JOB SAFETT	WEDE THERE ANY LOCK TIME ACCIDENTS THIS DATES	VEC WELL	_		
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	
WAS TRENSHING(S. 4.5			HOURS FROM PREVIOUS REPORT: 4308		43083
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	TOTAL WORK HOURS FROM START  YES NO OF CONSTRUCTION:		43187	
(If YES attach a description of	of incident and proposed action)	YES NO	OI CONSTRU	onon.	
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET	
		'		Dept me.	
COVID-19 temp check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
Eddi MENTALITAL	RESERVED TO BE INCORPORATED IN JOB.				ł
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	r:		
					1
	1 Tire healther				
	1 Tire backhoe 1 PC200	8 hrs 8 hrs			ŀ
	2_30	O IIIa			İ
*		CONTRACTOR/SUPERINTE	NDENT	DATE	1

DAILY PRODUCTION REPORT  DATE: 28-Jan-22						
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.;		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		471		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP.			
, , , , , , , , , , , , , , , , , , ,		MED TODAY				
	WORK PERFORI					
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kalser		SMCC	1	РМ	8	
	rine drive road 12" valve	SMCC	1	Engineer	8	
Traffic contr <u>ol</u>		SMCC	3	Operator	24	
		SMCC	1	B Truck Optr	9.5	
Okkodo		HW Lee Construction	1	Supervisor	8	
Filling water for MM04C	pressure leak test					
Terao		HW Lee Construction	5	Helper	40	
MM44 insid <u>e mechanica</u>	al installation including flowmeter					
Malmai		Guam Advance	1	Skilled (M )	8	
Excavation to find the ex	xisting waterline	Guam Advance	3	Helper	24	
***						
					·	
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE		
JOB SAFETY	(If YES attach copy of the meeting minutes)			THIS DATE:	129.5	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(if YES attach copy of completed OSHA report)			TOTAL OF WORK  PREVIOUS REPORT:	43459.5	
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(If YES attach a statement or	checklist showing inspection performed)					
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START	43589	
(If YES attach a description of	fincident and proposed action)	120				
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET		
COVID 10 Town Charle						
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 TODAY	<b>/</b> :			
	1 Tirebackhoe	8 hrs				
	1 Boom truck	6 hrs				
	1 PC200 1 Water truck	8 hrs				
	i vyaici uuck	3 hrs				
	_					
		CONTRACTOR/SUPERINTE	NDENT	DATE		

	DAILY PRODUCTION REPO	ORT		DATE: 31-Jan-2	22
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		474	
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
Kaiser		SMCC	1	РМ	8
Additional potholing ma	rine drive 12"	SMCC	1	Engineer	8
Found the waterline PV	C along the marine drive, not across the marine drive	SMCC	3	Operator	24
Traffic control steel plat	e	SMCC	1	B Truck Optr	8.5
		HW Lee Construction	1	Supervisor	8
Clara		HW Lee Construction	2	Skilled	16
Manual digging around	the 8" DI waterline for GWA to measure the flow	HW Lee Construction	6	Helper	48
Terao					
PRV12 top slab formwo	rk	Guam Advance	1	Skilled (M )	8
MM44 insid <u>e mechanica</u>	al installation including flowmeter	Guam Advance	3	Helper	24
Maimai					
Excavation to expose e	xisting waterline				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I TO THE WOR	TOTAL 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 MPREVIOUS REPORT:	43640
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START YES NO OF CONSTRUCTION:		43792.5
	fincident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREME	
EIST GALLTT ACTION T	TODATIONETT INSPECTION CONDUCTED:		YES	BEEN MET	
COVID-19 Temp check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
EQUIPMENT/MATERIAL	received today to be incorporated in Job:				
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	ER AND HOURS USED TODAY	<b>/</b> :		
	1 80200	9 hrs			
	1 PC200 1 Tire backhoe	8 hrs 8 hrs			
	1 Boom truck	8.5 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				DATE:	
	DAILY PRODUCTION REPO	ORT		DATE: 1-Feb-2	2
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I 475			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sumy	Sunny				
	WORK PERFORI	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Additional potholing ma	rine drive 12" . Red line	SMCC	_ 1	Engineer	8
Traffic control and steel	plate	SMCC	1	Supervisor	8
Electrical work,conduit,	mandrelling 2 locations	SMCC	3	Operator	24
Terao		SMCC	1	B Truck Optr	8.5
PRV12 top slab formwo	rk	HW Lee Construction		Supervisor	8
Orange fence maintena	nce	HW Lee Construction		Skilled	16
Maimai		HW Lee Construction	6	Helper	48
Excavation to expose e	xisting waterline	Guam Advance	1	Skilled (M )	8
Found the PVC waterlin	e is concrete cased	Guam Advance		Helper	24
Chipping the concrete to	o expose the waterline	Guam Advance		Skilled (E )	24
MM45 inside mechanical installation including flowmeter				,	
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO			
JOB SAFETY	(If YES attach copy of the meeting minutes)	120 110		K HOURS ON JOBSITE THIS DATE:	184.5
JOB SAFETT	WEDE THERE ANY LOST TIME ADDRESSES THE DATE.				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	
				M PREVIOUS REPORT:	41176
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
(ii - Lo bildoii d bidioiiioii or	Checking anowing inspection performed)	TOTAL WORK HOURS FROM S		CHOURS FROM START	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO			41360.5
	fincident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:		1/50	SAFETY REQUIREMS	NTS HAVE
		l	YES	BEEN MET	
COVID-19 Temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND D	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	D AND HOURS HOLD TODAY			
CONCINCION AND FI	SATE ENGINEERS ON SOR SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	<b>':</b>		İ
	1 PC200	8 hen			
	1 Tire backhoe	8 hrs 8 hrs			
	1 Boom truck	8.5 hrs			
					- 1
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	
					J

	DAILY PRODUCTION REPO	ORT		DATE: 2-Feb-2	2
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		476	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP		
Sunny	Sunny		<u> </u>		
	WORK PERFOR	MED TODAY			
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
Mobilisation of Morrico	Mini excavator. Preparation for asphalt rest. Marbo PRV	SMCC	1	Engineer	8
Kalser		SMCC	1	Supervisor	8
Additional potholing Flo	wable fill. Traffic control and steel plate	SMCC	3	Operator	24
Electrical work,conduit,	mandrelling inspection 2 locations	SMCC		B Truck Optr	9
Valve collar form rebar	installation	HW Lee Construction		Supervisor	8
Clara and Ysengsong		HW Lee Construction		Skilled	16
Delivery of scada Pane	ls	HW Lee Construction	5	Helper	40
Terao		Guam Advance	1	Skilled (M )	8
PRV12, MM44 top slab	formwork and rebar	Guam Advance	_	Helper	24
Maimai		Guam Advance	3	Skilled (E )	24
Excavation to expose e	xisting waterline. Chipping the concrete casing				
MM45 inside mechanic	al installation including flowmeter				
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	I TO LAT MORE HOURS ON TOBSITE I		177
JOB SAFETY	(II FES 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 PREVIOUS REPORT:	41360.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	)		
(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 0F CONSTRUCTION: 41537		41537.5
(If YES attach a description o	fincident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREME	
211 7011011 1	THE TOTAL ETT HOT ECTION CONDUCTED.		YES	BEEN MET	
COVID-19 Temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	D AND HOUSE HEED TODAY			
	- W. Equi Ment of the Great Tobal, Moreon Monac	R ARD HOURS USED TODAT	•		
	1 PC200	8 hrs			
	1 Tire backhoe	8 hrs			
	1 Boom truck	8.5 hrs			- 1
	1 Mini excavator	8 hrs			l
	-	CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 25-Feb-2	22
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		499	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP	•	
Curry			<u> </u>		
	WORK PERFOR	MED TODAY	ii .		
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Electrical trench excava	ation near control room	SMCC	1	Engineer	8
Kaiser		SMCC	1	Supervisor	8
Marine drive potholing t	for 12" traffic control	SMCC	2	Operator	16
Ysengsong		SMCC	1	B truck optr	4
Ysengsong door work of	concrete. Roof & wall openings concrete +sealant	HW Lee Construction	1	Supervisor	8
Control room and vault	electrical work	HW Lee Construction	2	Skilled	16
Okkodo		HW Lee Construction	4	Helper	28.5
Pressure leak test					
		Guam Advance	2	Skilled (M)	16
		Guam Advance	1	Engineer (E )	3
		Guam Advance	3	Skilled (E )	24
		L			
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO			139.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK M PREVIOUS REPORT:	44333.5
I	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)		TOTAL WORK HOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		OF CONSTRUCTION: 44473		44473
	f incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREME	ENTS HAVE
			YES	BEEN MET	
COVID-19 temp check					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	<b>7</b> :		
	1 Tirebackhoe	8 hrs			
	1 Mini excavator	8 hrs			
	1 Boom truck	4 hrs			
					J
		CONTRACTOR/SUPERINTE	NDENT	DATE	

DAILY PRODUCTION REPORT							
CONTRACT NO.:	TITLE AND LOCATION:			16-Feb-22			
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	REPORT NO.: 490					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:					
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.				
	WORK PERFOR	MED TODAY					
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS		
Kaiser		SMCC		PM	8		
	rine drive shoulder area.	SMCC		Engineer	8		
Clara		SMCC		Operator	16		
	and bedding and flowable fill	SMCC	1	Supervisor	8		
Additional work-door re	installation	HW Lee Construction	1	Supervisor	8		
Ysengsong		HW Lee Construction	2	Skilled	16		
Electrical work and pan	el installation	HW Lee Construction	5	Helper	39.5		
Okkodo							
Meter vault pressure lea	ak test	Guam Advance	2	Skilled (M )	16		
Terao							
EHH compaction and g	rading	Guam Advance	2	Skilled (E )	16		
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO		K HOURS ON JOBSITE	119.5		
JOB SAFETY	(If YES attach copy of the meeting minutes)		1	THIS DATE:	119.5		
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO					
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	43258		
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO		W. NEVIOUS REPORT			
(If YES attach a statement or	checklist showing inspection performed)		-				
WAS HAZARDOUS MAT	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK HOURS FROM START NO OF CONSTRUCTION: 433		43377.5		
(If YES attach a description of	f incident and proposed action)	123 100		- 1.5.11	ŀ		
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREME BEEN MET			
		,					
FOUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:						
	MEDELLES TODAY TO BE MODILI OTATED IN SOB.				- 1		
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	f:				
:							
	1 Tirebackhoe	4 hrs					
	1 Mini excavator 1 PC200	4 hrs			i		
	1 70200	8 hrs					
		CONTRACTOR/SUPERINTE	NDENT	DATE			

	BAH W BB B B H B B B B B B B B B B B B B B			DATE:	
	DAILY PRODUCTION REPO	DRT	17-Feb-22		
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:			REPORT NO.:	
W10-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		491	
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
Preparation for asphalt	restoration latte heights side	SMCC	1	Engineer	8
		SMCC		Operator	24
Kaiser				Орогаког	24
Additional potholing Ma	rine drive shoulder area. Found old vault and elbow	HW Lee Construction		Supervisor	8
Clara		HW Lee Construction		Skilled	24
Additional work-door re	installation	HW Lee Construction		Helper	32
Ysengsong		THE COC CONSTRUCTION		rieipei	32
Electrical work and pane	el installation	Guam Advance	2	Skilled (M )	16
Okkodo		Oddin / tovalice		Skilled (W)	10
Meter vault pressure lea	k test				_
Terao		Guam Advance		Chilled (E.)	
Outside formwork suppo	ort remove	Guarri Auvance	2	Skilled (E)	16
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE	136
JOB SAFETY	,		· '	THO DATE.	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	-		-0
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK  PREVIOUS REPORT:	43377.5
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(If YES attach a statement or	checklist showing inspection performed)				
WAS HAZARDOUS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO OF CON		CHOURS FROM START ICTION:	43513.5
	incident and proposed action)				
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:	Į	YES	SAFETY REQUIREME BEEN MET	
COVID 40 Tama abaala					- 1
COVID-19 Temp check EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	r:		
	1 Tirebackhoe	8 hrs			
	1 Mini excavator 1 PC200	8 hrs			
	1 FG200	8 hrs			
		CONTRACTOR/SUPERINTE	NOENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 18-Feb-2	22
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	CHOTION BULAGE	· · · · · · · · · · · · · · · · · · ·	REPORT NO.:	
CONTRACTOR:	PRESSURE ZONE REALIGNMENT CONSTRUCTION CO., LTD.				
AM WEATHER:	PM WEATHER:	PROJECT SUPT.:	IMINI TEME		
Sunny	Sunny	MAX. TEMP.	MIN. TEMP.	•	
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Preparation for asphalt	restoration latte heights side	SMCC	1	Engineer	8
		SMCC	3	Operator	23.5
Kaiser		SMCC		Supervisor	8
Additional potholing Ma	arine drive shoulder area. Abandoned vault	HW Lee Construction		Supervisor	8
Clara		HW Lee Construction		Skilled	16
Additional work-door re	installation	HW Lee Construction		Helper	40
Ysengsong		SMCC		B truck optr	8.5
Electrical work and pan	nel installation	Guam Advance		Skilled (M )	16
Okkodo		- July 100 Company		OKINGO (W)	10
Meter vault pressure le	ak test	Guam Advance	1	Engineer	2
Terao		Guam Advance		Skilled (E )	16
Backfill and compaction		- Guann Alavanoc		Skilled (E.)	'0
	WAS A JOD SAFETY MEETING HELD THIS DATES				
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:	154
JOB SAFEIT	WEDE THERE AND LOCK THAT ADDITION TO THE				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CHBALL ATIVE	TOTAL OF WORK	
				M PREVIOUS REPORT:	43513.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	·		
(ii 165 allach a stalement of	checklist snowing inspection performed)		TOTAL WORK HOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRUCTION: 4366		43667.5
	f incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREM	ENTS HAVE
			YES	BEEN MET	
COVID-19 Temp check					i
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	D AND HOUDS HOLD TODAY			
CONGTROOTION AND P	CART EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODA	r:		
	1 Tirebackhoe	8 hrs			
	1 Mini excavator	8 hrs			
	1 PC200	8 hrs			
	1 Boom truck	8 hrs			
•		CONTRACTOR/SUPERINTE	NDENT	DATE	
				57112	

	DAILY PRODUCTION REPO	ORT		DATE:	20
CONTRACT NO.:	TITLE AND LOCATION:		_	12-May-2	22
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		575	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
Suriny			L		
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
Asphalt restoration 16"	inlet ,marine drive and 14" deep potholing	SMCC	1	Engineer	8
compaction test		SMCC	2	Operator	16
Astumbo		SMCC	1	Supervisor	8
SCADA work		HW Lee Construction	1	Supervisor	8
Terao		HW Lee Construction	1	Skilled	8
Potholing by GWA		HW Lee Construction	6	Helper	48
Electrical work in vaults		SMCC	2	D&B truck optr	16
Malmai		Guam Advance	2	Skilled (M )	16
Pressure leak test		MSC	3	Skilled	24
	9				
		Guam Advance	2	Skilled (E )	24
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		TAL 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	
20	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOUNG I NOW PREVIOUS REPORT.		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?  f incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		184
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENTS	
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	<b>7</b> :		
	1 Tirebackhoe	8 hrs			
	1 PC200	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
					- 1

	DAILY PRODUCTION REPO	ORT .		DATE:	U4 DPR
CONTRACT NO.:	TITLE AND LOCATION:		25-Feb-22		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR				
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.	al .	
	WORK PERFOR	MED TODAY	<u> </u>		
	<del>-</del>		I		
	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC		PM	8
Electrical trench excava	ation near control room	SMCC	1	Engineer	8
Kaiser		SMCC	1	Supervisor	8
Marine drive potholing f	or 12" traffic control	SMCC	2	Operator	16
Ysengsong		SMCC	1	B truck optr	4
	concrete. Roof & wall openings concrete +sealant	HW Lee Construction	1	Supervisor	8
Control room and vault	electrical work	HW Lee Construction	2	Skilled	16
Okkodo		HW Lee Construction	4	Helper	28.5
Pressure leak test					
		Guam Advance	2	Skilled (M)	16
		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		RK HOURS ON JOBSITE THIS DATE:	139.5
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	44222.5
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM PREVIOUS REPORT: 44333		44333.5
	ERIALWASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		44473
(If YES attach a description of	incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	C HAVE BEEN
			YES	MET	S HAVE BEEN
COVID-19 temp check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:			<u> </u>	
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	P AND HOURS USED TODAY		· · · · · · · · · · · · · · · · · · ·	
		IN AND HOURS OSED TODAT	•		
	1 Tirebackhoe	8 hrs			
	1 Mini excavator	8 hrs			
	1 Boom truck	4 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT		DATE: 30-Mar-2	22
CONTRACT NO.:	TITLE AND LOCATION:	71 11 11 11	-	REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I				
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
-	ctrical work in control room and vaults	SMCC	1	Engineer	8
Kaiser		SMCC		Supervisor	8
Additional potholing and	d abandoned vault flowable fill	SMCC		Operator	12.5
Ysengsong		SMCC		Truck Optr	16.5
Scada work		HW Lee Construction		Supervisor	8
Terao		HW Lee Construction		Skilled	24
excavation of waterline		HW Lee Construction	5	Helper	40
Pressure leak test				•	
Maimai		Guam Advance	2	Skilled (M)	16
sand bedding. Backfill o	compaction side of the vault				
		Guam Advance	3	Skilled (E )	24
	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:	165
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO		···	
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	47779
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	M PREVIOUS REPORT:	
	checklist showing inspection performed)				
WAS HAZADDONS MATE	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	TOTAL WORK HOURS FROM STA			47944
(If YES attach a description of	incident and proposed action)	123 <b></b> NO			
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
		•			
COVID-19 Temp check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hyndai excavator	4 hrs			
	1 PC200	4 hrs			
		CONTRACTOR/SUPERINTE	ENDENT	DATE	

	DAILY PRODUCTION REPO	ORT					DATE: 29-Oct-	20
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTI	RUCTION	N-PI	HASE			REPORT NO.:	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT	SUF	PT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEM	IP.			MIN. TEMP	•	
	WORK PERFOR	MED TO	OD/	AY				
Wo	RK LOCATION AND DESCRIPTION	E	MPL	OYER		NUMBER	TRADE	HOURS
0-4-1								
Safety meeting			SM			1	РМ	8
			SM	CC		1	Engineer	8
Carnation		ļ	SM	cc		1	Supervisor	8
	basecoarse compaction	SMCC				2	Safety officer	8
Control room	m basecoarse filling		SM	cc		2	Operators	16
Kaiser		HW Le	e co	nstruction	on	3	Skilled	3
Exploration	of MM43A Pipeline	HW Le	e co	nstructio	on		Supervisor	1
		HW Le	е со	nstructio	on		Owner	1
Warehouse		Gua	m A	dvance			Owner	1
		Gua	m A	dvance		1	Supervisor	1
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		'ES		NO		K HOURS ON JOBSITE THIS DATE:	55
WAS TRENCHINGISCATI	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  FOLD/HY ELECTRICAL/HIGH WORK DONE?	_	ES		NO	CUMULATIVE HOURS FROM	TOTAL OF WORK	756.5
	checklist showing inspection performed)	Y	ES		NO			
If YES attach a description of	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	Y	ES		ΝО	TOTAL WORK OF CONSTRU	HOURS FROM START CTION:	811.5
LIST SAFETY ACTION TA	IKEN TODAY/SAFETY INSPECTION CONDUCTED:					YES	SAFETY REQUIREME BEEN MET	NTS HAVE
QUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:			_				
ONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOL	JRS (	USED TO	DDAY	:		
	1 PC 200 Komatsu excavator		•					
	1 Tire backhoe		8 h					
	1 Jumping Jack		8 h					
	-	CONTRA	ACTO	P/SUPE	RINTE	NDENT	DATE	
		2011110			-H11C	- TOEN	UNIE	

DAILY PRODUCTION REPO	ORT					DATE: 30-Oct-	20
TITLE AND LOCATION:						REPORT NO.:	
	RUCTIO	ON-P	HASE	1		16	
			PT.:				
PM WEATHER: Cloudy/Rainy	MAX. TE	EMP.			MIN. TEMP.		
WORK PERFOR	MED 1	rod.	AY				
RK LOCATION AND DESCRIPTION		EMPL	OYER		NUMBER	TRADE	HOURS
		SM	cc		1	PM	8
		SM	CC		1	Engineer	8
pot Valves	<u> </u>	SM	СС		1	Supervisor	8
		SM	cc		2	Operators	16
	HW	Lee o	onstructi	on	1	Helper	8
The state of the s							
of MM43B and PRV	-						
	-						
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		YES		NO	TOTAL WOR	K HOURS ON JOBSITE HIS DATE:	48
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		YES		NO	CUMULATIVE HOURS FROM	TOTAL OF WORK	811.5
FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)		YES		NO			
RIAL/WASTE RELEASED TO THE ENVIRONMENT?		YES		NO			859.5
IKEN TODAY/SAFETY INSPECTION CONDUCTED:					YES	SAFETY REQUIREME BEEN MET	
DECEMEN TODAY TO BE MOODING ATTERM							
RECEIVED TODAY TO BE INCORPORATED IN JOB:							
ANT EQUIPMENT ON JOB SITE TODAY INCLUDE NUMBER	P AND H	OURS	HEED T	ODAY			
The state of the s	IN AND III	ouna	USED I	UDAT	•		
1 PC 200 Komatsu excavators		8 1	ırs				
1 Backhoe		4 t	ırs				
not found according to the plan during exploration for Mi	M43A						
2							
	CON.	RACT	UR/SUPE	RINTE	NDENT	DATE	
	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTI  SUMITOMO MITSUI CONSTRUCTION CO., LTD.  PM WEATHER: Cloudy/Rainy  WORK PERFOR  RK LOCATION AND DESCRIPTION  POI Valves  Of MM43A/B of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  FOLDHY ELECTRICALIHIGH WORK DONE?  Checkins showing inspection performed)  REALWASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER  1 PC 200 Komatsu excavators 1 Backhoe	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTRUCTION SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT PM WEATHER: Cloudy/Rainy  WORK PERFORMED TO  RK LOCATION AND DESCRIPTION  POI Valves  Of MM43A/B Of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)  RIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND H  1 PC 200 Komatsu excavators 1 Backhoe  not found according to the plan during exploration for MM43A	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTRUCTION-P SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SU WORK PERFORMED TOD RK LOCATION AND DESCRIPTION  EMPL  SM SM SM POI Valves  Of MM43A/B Of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES stlach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES atlach copy of completed OSHA report) FOLD/HV ELECTRICAL/HIGH WORK DONE? Checkist showing inspection performed)  RIAL/WASTE RELEASED TO THE ENVIRONMENT? Incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  1 PC 200 Komatsu excavators 1 Backhoe  1 Backhoe  1 PC 101 MM43A  Incident and proposed action to the plan during exploration for MM43A	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE  SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.: PM WEATHER: Cloudy/Rainy  WORK PERFORMED TODAY  RK LOCATION AND DESCRIPTION  EMPLOYER  SMCC  SMCC  SMCC  HW Lee construction  of MM43A/B  of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  COLD/HV ELECTRICAL/HIGH WORK DONE?  CHOCKING inspection performed)  FIRIAL/WASTE RELEASED TO THE ENVIRONMENT?  INCIDENT TODAY/SAFETY INSPECTION CONDUCTED:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED T  1 PC 200 Komatsu excavators  8 hrs 1 Backhoe  Ant found according to the plan during exploration for MM43A	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I  SUMITOMO MITSUI CONSTRUCTION CO., L.TD. PM WEATHER: Cloudy/Rainy  WORK PERFORMED TODAY  RK LOCATION AND DESCRIPTION  EMPLOYER  SMCC  SMCC  SMCC  POI Valves  SMCC  HW Lee construction  of MM43A/B  of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  FOLD/HV ELECTRICAL/HIGH WORK DONE?  CHECKIST SHOWING inspection performed)  RIAL/WASTE RELEASED TO THE ENVIRONMENT? Incident and proposed action)  KEN TODAY/SAFETY INSPECTION CONDUCTED:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY  1 PC 200 Komatsu excavators  8 hrs  1 Backhoe  A thrs	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I  SUMITOMO MITSUI CONSTRUCTION CO., LTD. PROJECT SUPT.:  PM WEATHER: Cloudy/Rainy  WORK PERFORMED TODAY  RK LOCATION AND DESCRIPTION  EMPLOYER  SMCC  SMCC  SMCC  HW Lee construction  I  Of MM43A/B  of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)  FOLDIHV ELECTRICAL/HIGH WORK DONE?  Pheckilal showing inspection performed)  RIALIWASTE RELEASED TO THE ENVIRONMENT?  III CONTINUED TO THE ENVIRONMENT?  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY:  1 PC 200 Komalsu excavators  8 hrs  1 Backhoe  4 hrs	TITLE AND LOCATION:  PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I  SUMITOMO MITSUI CONSTRUCTION CO., L.T.D.  PROJECT SUPT.:  PM WEATHER: Cloudy/Rainy  WORK PERFORMED TODAY  RK LOCATION AND DESCRIPTION  EMPLOYER  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  SMCC  MW Lee construction  I Heliper  I Heliper  MA43A/B  of MM43B and PRV  WAS A JOB SAFETY MEETING HELD THIS DATE?  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  CUMULATIVE TOTAL OF WORK HOURS FROM START  OCIDIPY ELECTRICAL/HIGH WORK DONE?  PRECEIVED TODAY TO BE INCORPORATED IN JOB:  RECEIVED TODAY TO BE INCORPORATED IN JOB:  ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER AND HOURS USED TODAY:  1 PC 200 Komalsu excavators  1 Bockhoe  A bris  1 Backhoe

	DAIL V BRODUCTION DED	ODT	DATE:		
	DAILY PRODUCTION REP	ORI		31-Oct-20	
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONST	TRUCTION-PHASE I	REPORT NO	).: 17	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	RMED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER TRAD	DE HOURS	
Carnation		SMCC	1 PM	8	
Contro room- complete	basecourse and compaction	SMCC	1 Engineer	8	
		SMCC	1 Supervisor	8	
Kaiser 3		SMCC	2 Operators	16	
2 Spotter jobs		SMCC	2 D.Drivers	5	
Continue excayation of	MM43B	HW Lee construction	2 Helpers	16	
Start excavation of PRV	/80				
Loading of two dumb tru	ucks one load each and removal of materials	-			
Secure job sites					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WORK HOURS ON THIS DATE:	JOBSITE 61	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE (If YES attach copy of completed OSHA report)	? YES NO	CUMULATIVE TOTAL OF WO		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	<u> </u>		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK HOURS FROI OF CONSTRUCTION:	M START 920.5	
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:			EQUIREMENTS HAVE BEEN MET	
	cavation inspection. COVID Temp Check. RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUM	BER AND HOURS USED TODAY	/:		
	2 PC 200 Komatsu excavators	16 hrs			
	1 Jumping jack	3 hrs			
	2 Dump trucks	5 hrs			
		CONTRACTOR/SUPERINTE	NDENT DATE		

				***	04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 2-Nov-2	:1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	NOTION BUACE		REPORT NO.:	
CONTRACTOR:	<del></del>	1		385	
AM WEATHER:	PM WEATHER:	PROJECT SUPT.:	MIN. TEMP.		
Sunny/Cloudy	Sunny/Cloudy		Willy. TEIVIT.		
	WORK PERFOR	MED TODAY			
W	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
		SMCC	1	PM	8
Kaiser		SMCC	1	Engineer	8
Additional potholing ne	ear marine drive road valve	SMCC	1	Operator	8
16" to 12"					
**************************************		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	1	Helper	8
1			-		
ı					
ı					
	WAS A 105 SAFETY MEETING UE IN THE DAMES	L Man L Man			
	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:		40
JOB SAFETY					
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES allach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	
	<del>-</del> 2			PREVIOUS REPORT:	
	FFOLD/HV ELECTRICAL/HIGH WORK DONE? r checklist showing inspection performed)	YES NO			
				HOURS FROM START	40
	[ERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO	OF CONSTRU	CTION:	
	TAKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		l		WIET	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
	THE PART TO BE MOONFORMIED IN SUB:				
CONSTRUCTION AND F	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	4 Timb - th -	0.1			
	1 Tirebackhoe	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

					04 DPR
	DAILY PRODUCTION REPO	DRT		DATE: 4-Nov-2	1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		REPORT NO.: 386	
CONTRACTOR:		PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny/Cloudy	Sunny/Cloudy				
	WORK PERFOR	MED TODAY			
W	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
		SMCC	1	РМ	8
Kaiser		SMCC	1	Engineer	8
Additional potholing K	aiser outside	SMCC	1	Operator	8
deep potholing to find	14" to 12" connection				
		HW Lee Construction	1	Supervisor	8
		HW Lee Construction	1	Helper	8
ı					0
Ī					
1					
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO		K HOURS ON JOBSITE	40
JOB SAFETT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)	120		TOTAL OF WORK  PREVIOUS REPORT:	
1	FFOLD/HV ELECTRICAL/HIGH WORK DONE? or checklist showing inspection performed)	YES NO	HOURS FROM	TREVIOUS REPORT:	
1	TERIAL/WASTE RELEASED TO THE ENVIRONMENT? of incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		40
	TAKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
EQUIPMENT/MATERIA	L RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND I	PLANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	. SON		1801/
			•		
	1 Tirebackhoe	8 hrs			
-					
		CONTRACTOR/SUPERINTE	NDENT	DATE	

								-04 DPR
	DAILY PRODUCTION REPO	ORT					DATE: 5-Nov-2	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:						REPORT NO.:	
CONTRACTOR A	PRESSURE ZONE REALIGNMENT CONSTR				}		387	
CONTRACTOR: AM WEATHER:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJEC		РΤ.:		TAUNI TEACO		
Sunny/Cloudy	Sunny/Cloudy	INVOX. 11	EIVIIT.			MIN. TEMP.		
	WORK PERFOR	MED 1	ΓOD	AY				
W	ORK LOCATION AND DESCRIPTION		EMPL	OYER		NUMBER	TRADE	HOURS
			SM	CC		1	РМ	8
Kaiser		SMCC				1	Engineer	8
Additional potholing Ka	aiser outside		SM	СС		1	Operator	8
deep potholing to find	14" to 12" connection							
		HW Lee Construction		1	Supervisor	8		
		HW Lee Construction			ion	1	Helper	8
		ļ						
-		ļ						
						<b> </b>		
L								
		<u> </u>						
	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)		YES	Ш	NO		TAL WORK HOURS ON JOBSITE THIS DATE:	
JOB SAFETY	(a real copy or the meeting minutes)						THIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		YES		NO	l		
	In the same copy of compared OSPA report)						TOTAL OF WORK MPREVIOUS REPORT	
	FFOLD/HV ELECTRICAL/HIGH WORK DONE?		YES		NO			
III YES allach a statement or	r checklist showing inspection performed)					TOTAL WORK	CHOURS FROM START	
I	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		YES		NO	OF CONSTRUCTION:		40
	of incident and proposed action)  TAKEN TODAY/SAFETY INSPECTION CONDUCTED:	***************************************				YES	SAFETY REQUIREMENT	IS HAVE BEEN
						IES	MET	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:							
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND H	OURS	USED T	ODAY	<b>:</b>		
	1 Tirebackhoe		8	hrs				
		CON	TRAC1	OR/SUP	ERINT	NDENT	DATE	

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 10-Nov-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO . W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 389 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: 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 SMCC 1 PM 8 Kaiser 1 Engineer SMCC 8 Backfilling of additional potholing SMCC 1 Operator 8 **HW Lee Construction** 1 Supervisor 8 **HW Lee Construction** 1 Helper 8 WAS A JOB SAFETY MEETING HELD THIS DATE? YES [ NO TOTAL WORK HOURS ON JOBSITE THIS DATE: 40 (If YES attach copy of the meeting minutes) **JOB SAFETY** WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES (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 40 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 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 CONTRACTOR/SUPERINTENDENT

	DAILY PRODUCTION REP	ORT		DATE:	
CONTRACT NO.:	TITLE AND LOCATION:			29-Jan-2	21
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTI	RUCTION-PHASE I		REPORT NO.:	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		1	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny	Sunny				
	WORK PERFOR	MED TODAY			
We	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
PRV80 Outer wall form	work	SMCC	1	Engineer	8
Potholing Kaiser inner	road	SMCC	1	Supervisor	8
Preparation of traffic si	gns for Ysengsong	SMCC		Operator	16
Exploration of waterline	e extension MM43B side	HW Lee Construction		Supervisor	8
Carnation		HW Lee Construction	4	Skilled	32
Basecourse and comp	action for Electrical handholes	HW Lee Construction	3	Helper	24
		HW Lee Construction	1	Owner	8
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES atlach copy of the meeting minutes)	YES NO	TOTAL WOR	K HOURS ON JOBSITE 'HIS DATE:	112
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	8128
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START CTION:	8240
IST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENTS MET	S HAVE BEE
OVID-19 Temp Check					
QUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
ONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE				
	again ment on soo dire todat, include numbe	K AND HOURS USED TODAY:			
	1 Backhoe	8 hrs			
	1 Boom Truck	8 hrs			

				F405	-04 DPR
CONTRACTAG	DAILY PRODUCTION RE	PORT		30-Jan-	21
CONTRACT NO.: W18-001-BND	PRESSURE ZONE REALIGNMENT CON	STRUCTION-PHASE I		REPORT NO.: 108	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LT	D. PROJECT SUPT.:			
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.		
		ORMED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	
Additional Potholing Ka	aiser inner road	SMCC		Engineer	8
		SMCC		Supervisor	8
		SMCC		Operator	8
		HW Lee Construction		Helper	8
		THE CONTRACTION		rieipei	- °
					<del>                                     </del>
		= = = =			
	WAS A JOB SAFETY MEETING HELD THIS DATE?	VF0 [] 110			<del></del>
100.015	(If YES attach copy of the meeting minutes)	YES NO	I TOTAL WOR	K HOURS ON JOBSITE	40
JOB SAFETY				INIS DATE:	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DAT (If YES attach copy of completed OSHA report)	TE? YES NO	CUMULATIVE	TOTAL OF WORK	0040
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	1	PREVIOUS REPORT:	8240
	checklist showing inspection performed)	163 [] NO			
WAS HAZADDONG MAT	EDIAL AMADE DEL CADED TO THE		TOTAL WORK	HOURS FROM START	8280
(If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? Incident and proposed action)	YES NO	OF CONSTRU	CTION:	0200
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN
				IVAL I	
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
	MEDITED FORM TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NU	MBER AND HOURS USED TODAY	:		
	1 Backhoe	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

	DAILY PRODUCTION REP	ORT		DATE:	
CONTRACT NO.:	TITLE AND LOCATION:			1-Feb-2	1
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		REPORT NO.:	
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	PM	8
PRV79 Form Removal		SMCC	1	Engineer	8
Traffic signs prepration	n for Camation	SMCC		Supervisor	8
Continue potholing ex	ploration at Kaiser inner road	HW Lee Construction		Owner	8
GPR by GWA		HW Lee Construction		Supervisor	8
		HW Lee Construction		Skilled	32
		HW Lee Construction		Helper	24
		SMCC		Operator	8
					-1
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:	104
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	8280
VAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT:	
If YES attach a statement or	checklist showing inspection performed)		_		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START CTION:	8384
If YES attach a description o	fincident and proposed action)	123			
YES attach a description o		TES NO	YES	SAFETY REQUIREMENT:	S HAVE BEE
Y YES attach a description o	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:	TES NO	YES		S HAVE BEE
If YES attach a description on IST SAFETY ACTION TO SEE THE COURT OF THE CHECK TO SEE THE C	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:	123	YES		S HAVE BEE
If YES attach a description on IST SAFETY ACTION TO SEE THE COURT OF THE CHECK TO SEE THE C	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:	123	YES		S HAVE BEE
If YES attach a description of IST SAFETY ACTION TO COVID-19 Temp Check EQUIPMENT/MATERIAL	k RECEIVED TODAY TO BE INCORPORATED IN JOB:		123		S HAVE BEE
I YES attach a description of IST SAFETY ACTION TO SAFETY	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:		123		S HAVE BEE
If YES attach a description of IST SAFETY ACTION TO COVID-19 Temp Check EQUIPMENT/MATERIAL	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:  k  RECEIVED TODAY TO BE INCORPORATED IN JOB:  LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY:	123		S HAVE BEE
I YES attach a description of IST SAFETY ACTION TO SAFETY	k RECEIVED TODAY TO BE INCORPORATED IN JOB:		123		S HAVE BEE
If YES attach a description of IST SAFETY ACTION TO COVID-19 Temp Check EQUIPMENT/MATERIAL	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:  k  RECEIVED TODAY TO BE INCORPORATED IN JOB:  LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY:	123		S HAVE BEE
If YES attach a description of IST SAFETY ACTION TO COVID-19 Temp Check EQUIPMENT/MATERIAL	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:  k  RECEIVED TODAY TO BE INCORPORATED IN JOB:  LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY:	123		S HAVE BEE
I YES attach a description of IST SAFETY ACTION TO SAFETY	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:  k  RECEIVED TODAY TO BE INCORPORATED IN JOB:  LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY:	123		S HAVE BEE
I YES attach a description of IST SAFETY ACTION TO SAFETY	I incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:  k  RECEIVED TODAY TO BE INCORPORATED IN JOB:  LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	R AND HOURS USED TODAY:	123		S HAVE BEE

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	DAILY PRODUCTION REP	ORT		DATE:	-04 DPR	
CONTRACT NO.:	TITLE AND LOCATION:		(8	2-Feb-2	21	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		111	111	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		•		
AM WEATHER: Sunny	PM WEATHER: Cloudy	MAX. TEMP.	MIN. TEMP.			
	WORK PERFOR	MED TODAY				
Wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Compaction testing at	control room and two handholes	SMCC		Engineer	8	
		SMCC		Supervisor	8	
Kaiser		HW Lee Construction		Owner	8	
Continue potholing ex	ploration at Kaiser inner road	HW Lee Construction		Supervisor	8	
	M43B and PRV80 2nd lift wall	HW Lee Construction		Skilled	24	
House keeping		HW Lee Construction		Helper	28	
		SMCC		Operator	8	
Clara		SMCC		Safety officer	4	
PRV 78 2nd lift Inner w	/all formwork			outery officer		
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE		
JOB SAFETY	(If YES attach copy of the meeting minutes)			HIS DATE:	104	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO				
	(If YES attach copy of completed OSHA report)		CUMULATIVE HOURS FROM	TOTAL OF WORK PREVIOUS REPORT:	8384	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO		TILLIOUS REPORTS		
(If YES altach a statement or	checklist showing inspection performed)					
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START CTION:	8488	
If YES attach a description of	Incident and proposed action)  AKEN TODAY/SAFETY INSPECTION CONDUCTED:					
LIOT GAZ ETT ACTION ()	REEN TODATISAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
COVID-19 Temp Check	•					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	P AND HOUSE HOSE TO				
	TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY				
	1 Tire backhoe	8 hrs				
	2 20011100	o IIIs				
	•					
		CONTRACTOR/SUPERINTE	NDENT	DATE		

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	DAILY PRODUCTION REPO	OPT		F405	-04 DPR
CONTRACT NO.:	TITLE AND LOCATION:	URI .		3-Feb-:	21
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		112	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		<u> </u>	
AM WEATHER: Rainy/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP.	MIN. TEMP		
,,	WORK PERFOR	MED TODAY			
) NA/C	ORK LOCATION AND DESCRIPTION		1		7
	THE LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1 1	PM	8
	ploration at Kaiser inner road	SMCC	1	Engineer	8
Traffic sign preparation	for Carnation	SMCC	1	Supervisor	8,
		HW Lee Construction	1	Owner	8
		HW Lee Construction	1	Supervisor	8
Clara		HW Lee Construction	4	Skilled	32
PRV78 2nd lift Inner wa	all formwork and top slab formwork	HW Lee Construction		Helper	32
-		SMCC	1	Operator	8
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE	
JOB SAFETY	(If YES attach copy of the meeting minutes)		THIS DATE:		112
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)			TOTAL OF WORK	8488
WAS TRENCHING/SCAF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT:	0400
	checklist showing inspection performed)	120 140			
WAS UATADROUG MAT	PRINT ANALYS PRINT PARTY OF THE			HOURS FROM START	8600
(If YES attach a description of	RIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	OF CONSTRU	CTION:	0000
LIST SAFETY ACTION TO	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		· ·	1-0	MET	
COVID-19 Temp Check					
EQUIPMEN I/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:	-			
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Tire backhoe	8 hrs			
	•	CONTRACTOR/SUPERINTE	NDENT	DATE	

9	DAILY PRODUCTION REPO	ORT		DATE:	-04 DPR
CONTRACT NO.:	TITLE AND LOCATION:			6-Feb-21 REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		115	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		-	
AM WEATHER: Rainy/Cloudy	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
	WORK PERFOR	MED TODAY			
Wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	2
Potholing exploration a	t 2nd site Kaiser inner road	SMCC		Engineer	4.5
Found that waterlines p	parallel to the road and across the road are connected	SMCC		Supervisor	4.5
12"		SMCC		Operator	4.5
		HW Lee Construction		Helper	4.5
Note: Waterline going o	out from the valve towards the E Santa Monica Ave looks				7.5
	tial evaluation. Need to confirm it by Monday				
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO			
JOB SAFETY	(If YES attach copy of the meeting minutes)	ico no		K HOURS ON JOBSITE THIS DATE:	20
JOD GAFETT	WEDE THERE ANY LOST TIME ACCIDENTS THE CARRY				
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CHARM ATING	TOTAL OF WORK	
				PREVIOUS REPORT:	8844
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO			
( · · Lo silvor a statement of t	creciust showing inspection performed)		TOTAL WORK	HOURS FROM START	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU	CTION:	8864
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	
			YES	MET MET	S HAVE BEEN
COVID-19 Temp Check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND BU	ANT FOUNDMENT ON LOD CITE TO AN AND LOD CITE TO AND LOD				
INGO HOM PAID FL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBER	K AND HOURS USED TODAY	:		
	1 Tire backhoe	45			
	TO THE DECKNOO	4.5 hrs			
	-	CONTRACTOR/SUPERINTE	NDFNT	DATE	- 1
		E CONTRACTOR EL		VAIE	

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				F405	-04 DPR	
	DAILY PRODUCTION REPORT  CONTRACT NO.:   TITLE AND LOCATION:					
CONTRACT NO.: W18-001-BND	REPORT NO.:					
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	-			
	WORK PERFOR	MED TODAY				
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	PM	8	
PRV76 Manhole Cover frame fabrication		SMCC		Engineer	8	
		SMCC		Supervisor	8	
Kalser		HW Lee Construction		Owner	8	
Continue potholing at K	aiser inner road	HW Lee Construction	1	Supervisor	8	
		HW Lee Construction		Skilled	24	
Clara		HW Lee Construction		Helper	24	
PRV78 Casting 2nd lift	wall and top slab	SMCC		Operator	8	
Ysengsong						
Delivery of concrete bar	ricades and preparation					
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 allach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT:		9057	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		THE VICTOR REPORT		
If YES attach a description of	RIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)		TOTAL WORK OF CONSTRU	9153		
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
EQUIPMENT/MATERIAL I	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
	The state of the s					
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	P AND HOUSE HESD TODAY				
	TO THE PROPERTY OF THE PROPERT	K AND HOOKS USED TODAY				
	-	CONTRACTOR/SUPERINTE	NDENT	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 1 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 2 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 (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 15193 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 15361 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 YE\$ 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

	DAILY PRODUCTION REPO	ORT	<del>-</del>	DATE:	-04 DPR
CONTRACT NO.:	TITLE AND LOCATION:			17-Apr-21	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		185	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		· · · · · · · · · · · · · · · · · · ·	
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.			
ouy		150 500 000	<u> </u>		
	WORK PERFOR				
700	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Vi		SMCC	1	РМ	8
Kiaser		SMCC	1	Engineer	8
	Potholing for 14" waterline trench		1	Supervisor	8
Control room wall CMU		SMCC	2	Operator	16
Housekeping and garba					
Water truck cleaning th	e road				
Clara		HW Lee Construction	3	Helper	24
Waterline excavation					
Compaction					
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES NO	TOTAL WOR	K HOURS ON JOBSITE	İ
JOB SAFETY	(If YES attach copy of the meeting minutes)			HIS DATE:	64
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO			
	(If YES attach copy of completed OSHA report)		CUMULATIVE	TOTAL OF WORK	15361
WAS TRENCHING/SCAFI	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT:	
(if YES altach a statement or o	checklist showing inspection performed)				
WAS HAZARDOUS MATE	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK	HOURS FROM START	15425
If YES attach a description of	incident and proposed action)	I TES NO	0, 00,011,0	511014.	
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		•		****	
COVID-19 Temp Check	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
	ALGERTAL TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY:			***********
	1 PC200 Excavator	8 hrs			
	4 Mini Curanta	0.7			
	1 Mini Excavator	8 hrs			
					ļ
		CONTRACTOR/SUPERINTE	NDENT	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 1 PM 8 Electrical conduit installation SMCC 1 Engineer SMCC 1 Supervisor 8 Kaiser Additional potholing 16" Inisde gate Excavation for 14" waterine Sand **HW Lee Construction** 3 Skilled 24 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 (If YES attach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 16250 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: 16394 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 Tire backhoe 8 hrs CONTRACTOR/SUPERINTENDENT DATE

9 .	DAILY PRODUCTION REP	ORT		DATE:		
CONTRACT NO.:	TITLE AND LOCATION:			28-Apr-21 REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		196		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER:	MAX. TEMP.	MIN. TEMP.	N. TEMP.		
Suriny	Sunny					
	WORK PERFOR	MED TODAY				
W	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Electrical conduit insta	llation	SMCC	1	Engineer	8	
Control room electrical	rough-in	SMCC	1	Supervisor	8	
Kaiser						
Excavation for 14" water	erline					
Moving stockpile and c	learing the road	HW Lee Construction	3	Skilled	24	
Additional potholing	ional potholing HV		4	Helper	32	
		SMCC		Operator	16	
Okkodo		Guam Advance	1	Supervisor	8	
nd lift wall and top slab rebar and formwork		Guam Advance	1	Skilled	8	
		Guam Advance	3	Helper	24	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES altach copy of the meeting minutes)  WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES NO	τ	K HOURS ON JOBSITE HIS DATE:	136	
	If YES attach copy of completed OSHA report)  FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM	TOTAL OF WORK PREVIOUS REPORT:	16534	
If YES attach a description of	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		16670	
IST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENTS MET	HAVE BEE	
COVID-19 Temp Check	4					
	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND PI	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY:			•	
	1 PC200 excavator 1 Tire backhoe	8 hrs 8 hrs				

	DAILY PRODUCTION REPO	ORT		DATE:	-04 DPR	
CONTRACT NO.:	TITLE AND LOCATION:			29-Apr-21 REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONST	RUCTION-PHASE I		197		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP	P		
	WORK PERFOR	MED TODAY				
Wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Carnation		SMCC	1	РМ	8	
Electrical conduit instal	lation	SMCC		Engineer	8	
Control room electrical	rough-in	SMCC		Supervisor	8	
Kaiser		SMCC		Safety officer	4	
Moving stockpile and cl	earing the road				<u> </u>	
Additional potholing near	ar main road. Found 14" and 16"	HW Lee Construction	3	Skilled	24	
		HW Lee Construction		Helper	28	
Clara		SMCC	2	Operator	16	
Waterline installation		Guam Advance	1	Supervisor	8	
Okkodo		Guam Advance	1	Skilled	8	
2nd lift wall and top slat	rebar and formwork	Guam Advance	3	Helper	24	
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES altach copy of the meeting minutes)	YES NO	NO TOTAL WORK HOURS ON JOBS THIS DATE:		136	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE	TOTAL OF WORK	16670	
WAS TRENCHING/SCAFF	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO	HOURS FROM	PREVIOUS REPORT	10070	
	checklist showing inspection performed)					
(If YES attach a description of	RIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	HOURS FROM START CTION:	16806	
LIST SAFETY ACTION TA	KEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT MET	S HAVE BEEN	
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:				
	1 PC200 excavator	8 hrs				
	1 Tire backhoe	8 hrs			J	
	-	CONTRACTOR/SUPERINTE	NDENT	DATE		
		OUT TO TO TO TO TO THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TH	ADEM!	DATE		

F405-04 DPR DATE: **DAILY PRODUCTION REPORT** 18-Oct-21 CONTRACT NO.: TITLE AND LOCATION: REPORT NO .: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 369 SUMITOMO MITSUI CONSTRUCTION CO., LTD. CONTRACTOR: 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 SMCC 1 PM 8 Kaiser SMCC 1 Engineer 8 Additional potholing near outlet 2 valves SMCC 1 Operator 8 16" and 14" **HW Lee Construction** 1 Supervisor 8 **HW Lee Construction** 1 Helper 8 YES NO WAS A JOB SAFETY MEETING HELD THIS DATE? TOTAL WORK HOURS ON JOBSITE 40 (If YES attach copy of the meeting minutes) THIS DATE: JOB SAFETY WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES NO (If YES altach copy of completed OSHA report) CUMULATIVE TOTAL OF WORK 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: 40 WAS HAZARDOUS MATERIAL/WASTE RELEASED TO THE ENVIRONMENT? YES TO (If YES attach a description of incident and proposed action) LIST SAFETY ACTION TAKEN TODAY/SAFETY INSPECTION CONDUCTED: SAFETY REQUIREMENTS HAVE BEEN YES 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 CONTRACTOR/SUPERINTENDENT DATE

						04 DPR
	DAILY PRODUCTION REPO	ORT			DATE: 26-Oct-21	
CONTRACT NO.:	TITLE AND LOCATION:				REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHA	ASE I		377	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.	.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.		MIN. TEMP		
Sunny/Cloudy	Sunny/Cloudy					
	WORK PERFOR	MED TODAY	Y			
Wo	ORK LOCATION AND DESCRIPTION	EMPLOY	YER	NUMBER	TRADE	HOURS
		SMCC	C	1	PM	8
Kaiser		SMCC	0	1	Engineer	8
Additional potholing ne	ear outlet 2 valves	SMCC	0		Operator	8
16" and the 12" bypass	5					
		HW Lee Cons	struction	1	Supervisor	8
		HW Lee Construction			Helper	8
=. =. =						
	WAS A JOB SAFETY MEETING HELD THIS DATE?	YES	NO	TOTAL MOR		
JOB SAFETY	(If YES atlach copy of the meeting minutes)			TOTAL WORK HOURS ON JOBSITE THIS DATE:		40
JOB OAI ETT	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	YES #	NO NO			
	(If YES attach copy of completed OSHA report)	123 [		CUMULATIVE	TOTAL OF WORK	
WAS TRENCHINGISS AF	TO DUNCE FORDISM AND LANGUAGE	Luca [		HOURS FROM	M PREVIOUS REPORT:	
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES [	NO			
				TOTAL WORK	CHOURS FROM START	40
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES	NO	OF CONSTRU	JCTION:	40
LIST SAFETY ACTION T	AKEN TODAY/SAFETY INSPECTION CONDUCTED:			YES	SAFETY REQUIREMENT	S HAVE BEEN
			L	120	MET	
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND P	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS US	SED TODAY:			-
	1 Tirebackhoe	8 hrs	5			
ı						
		CONTRACTOR	VSUPERINTE	NDENT	DATE	

								04 DPR	
	DAILY PRODUCTION REPO	ORT					DATE: 27-Oct-2	21	
CONTRACT NO.: TITLE AND LOCATION:  W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I							REPORT NO.: 378		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:							
AM WEATHER: Sunny/Cloudy	PM WEATHER: Sunny/Cloudy	MAX. TEMP. MIN. TEMP							
	WORK PERFOR	MED 1	OD	AY		<del></del>	<del></del>		
wo	ORK LOCATION AND DESCRIPTION	ı	EMPL	OYER		NUMBER	TRADE	HOURS	
			SM	cc		1	РМ	8	
Kaiser	alser SMCC				1	Engineer	8		
Additional potholing near inlet			SM	CC		1	Operator	8	
12" to 14" valve		ļ				ļ			
		HWI	ee Co	onstruct	ion	1	Supervisor	8	
		HWI	ee Co	onstruct	ion	1	Helper	- 8	
					-				
JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES altach copy of the meeting minutes)		YES		NO	I TOTAL WOR	IK HOURS ON JOBSITE I'HIS DATE:	40	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		YES		NO	CUMULATIVE			
	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:			
LIST SAFETY ACTION T	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 H	DURS	USED T	ODAY	:			
	1 Tirebackhoe		8 1	hrs					
		CON	TRACT	OR/SUPE	RINTE	NDENT	DATE		

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F405-04 DPR

								F405-	-04 DPR	
	D	AILY PRODUCTION REPO	ORT			DATE: 28-Oct-2	ATE: 28-Oct-21			
CONTRACT NO.: W18-001-BND	TITLE AND L	OCATION: RE ZONE REALIGNMENT CONSTR	NI CTIC	M DI	14051	1		REPORT NO.:		
CONTRACTOR:		O MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:							
AM WEATHER:		PM WEATHER:	MAX. TEMP.   MIN. TEMP.							
Sunny/Cloudy		Sunny/Cloudy								
L		WORK PERFOR	MED	ΓOD/	AY					
wo	RK LOCATIO	ON AND DESCRIPTION		EMPL	OYER		NUMBER	TRADE	HOURS	
				SM	СС		1	РМ	8	
Kaiser			SMCC				1	Engineer	8	
Additional potholing near inlet			SM	cc		1	Operator	8		
12" to 14" valve										
			HW	Lee Co	onstruct	ion	1	Supervisor	8	
			HW	Lee Co	onstruct	ion	1	Helper	8	
	<del></del>									
		SAFETY MEETING HELD THIS DATE? opy of the meeting minutes)		YES		NO		K HOURS ON JOBSITE	40	
JOB SAFETY	WEDE THED	E ANV I ORT THE AGGINTHE THE RATES		VEO	_					
		E ANY LOST TIME ACCIDENTS THIS DATE? opy of completed OSHA report)	Ш	YES		NO	CUMULATIVE	TOTAL OF WORK		
WAS TRENSHING OCAF	-	OTOLOAL AUGUL WORK DOLLED		VEO				PREVIOUS REPORT:		
(If YES attach a statement or o		CTRICAL/HIGH WORK DONE?  j inspection performed)		YES	Ш	NO				
WAS HAZARDOUS MATE		RELEASED TO THE ENVIRONMENT?		YES		NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION:		40	
		SAFETY INSPECTION CONDUCTED:					YES	SAFETY REQUIREMENT	S HAVE BEEN	
								MCI		
EQUIPMENT/MATERIAL I	RECEIVED TO	DDAY TO BE INCORPORATED IN JOB:			-					
									ĺ	
CONCEDUCTION AND D	ANT FOUNDS									
CONSTRUCTION AND PL	ANI EQUIPM	ENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND H	OURS	USED T	ODAY	:			
		1 Tirebackhoe		8 1	hrs					
									- 1	
			CON	TRACT	ORVSUPE	RINTE	NDENT	DATE	l	

KAISER

F405-04 DPR

								-04 DFR	
	DAILY PRODUCTION REPO	ORT				DATE: 26-May-21			
CONTRACT NO.:	TITLE AND LOCATION:						REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTIO	N-PI	HASE I			224		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJEC	CT SU	РТ,;			•		
AM WEATHER: Sunny/Rainy/Cloudy	PM WEATHER: Sunny/Rainy/Cloudy	MAX. TE	MP.			MIN. TEMP	100		
	WORK PERFOR	MEDI		^~					
wo	DRK LOCATION AND DESCRIPTION	_		OYER		TAUMBER	70405		
Carnation	THE DESCRIPTION	<del>                                     </del>				NUMBER	TRADE	HOURS	
Cleaning PRV76 Area	for backfill	<del> </del>	SM				PM	88	
Demobilisation of PC20			SM			1		8	
Control room electrical		+-	SM	<u>uu</u>		2	Operator	12.5	
Kaiser	WOIN	HWI	ee Co	onstructi	on	1	Supervisor	-	
W	find water tank line connection to 12" outside fense			onstructi			Skilled	16	
	0 d elbow to connect to N 14"		-	onstructi			Helper	23.5	
Materialmoving from Okkodo to Kaiser				dvance			Supervisor	8	
		Guam Advance				Skilled	16		
		Gı	Jam A	dvance			Helper	32	
		<u> </u>							
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:	132	
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)		YES		NO	CUMULATIVE HOURS FROM	19231		
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)		YES		NO				
(If YES attach a description of			YES		NO	TOTAL WORK OF CONSTRU	HOURS FROM START	19363	
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:					YES SAFETY REQUIREMENTS HAV		S HAVE BEEN	
COVID-19 Temp Check									
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:								
CONSTRUCTION AND DI	ANT EQUIPMENT ON TOP CITE TOP AV INCLUDE WHEE								
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND H	DURS	USED TO	DDAY	:			
	1 Tirebackhoe		4.5 h	nrs				- 1	
1 Boom Truck		8 hrs							
	1 Mini Excavator		8 h	nrs					
		000	TDA ^~	ÖD/G! (S=	DIL:	NOCKY			
		CON	IRACI	OR/SUPE	rtin i E	NUENI	DATE	- 1	

F405-04 DPR DAILY PRODUCTION REPORT 27-May-21 CONTRACT NO. TITLE AND LOCATION: REPORT NO.: W18-001-BND PRESSURE ZONE REALIGNMENT CONSTRUCTION-PHASE I 225 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 SMCC 1 PM 8 Basecourse 7 loads and disposal 5 loads SMCC 1 Engineer 8 Basecourse and compaction 1 lift. Installation of riser for butterfly valve SMCC 3 Operator 24 Additional pothollog for water tank line for connection of MM43A HW Lee Construction 1 Supervisor 8 Control room stem roof and roof slab formwork 4 Skilled **HW Lee Construction** 32 Chipping and turning 90 d elbow to connect to N 14" HW Lee Construction 5 Helper 40 Guam Advance 1 Supervisor 8 Ysengsong Guam Advance Skilled 8 Excavatio for straddle block key and additional thrust blocks Guam Advance 2 Helper 16 WAS A JOB SAFETY MEETING HELD THIS DATE? YES NO TOTAL WORK HOURS ON JOBSITE (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 HOURS FROM PREVIOUS REPORT: 19363 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: 19515 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 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 2 Rental dump trucks 14 hrs 1 Mini Excavator 8 hrs CONTRACTOR/SUPERINTENDENT DATE

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

F405-04 DPB

(e) (e)	DAILY PRODUCTION REPO	)DT		DATE:	U4 DPR
CONTRACT NO.:		JK1		1-Jun-2	1
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	REPORT NO.:		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		230	<u> </u>
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Rainy/Cloudy/Sunny	Rainy/Cloudy/Sunny		<u></u>		
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	PM	8
PRV76 back fill and cor	mpaction 2 lifts one side	SMCC	1	Engineer	8
		SMCC	2	Operators	16
Kaiser		HW Lee Construction	1	Supervisor	8
Control room roof slab		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					
THIRDS BIOCK TOTHWORK					
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:		104
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMULATIVE TOTAL OF WORK		19675.5
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO		M PREVIOUS REPORT:	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?		TOTAL WORK OF CONSTRU	HOURS FROM START : CTION:	19779.5
LIST SAFETY ACTION TA	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 PL	LANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY		<u> </u>	
i					
	1 Mini Excavator	8 hrs			
	1 PC 200 excavator	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

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

#### F405-04 DPR

	DAILY PRODUCTION PERC	)DT		DATE:	U4 DPR
	DAILY PRODUCTION REPO	ORT		2-Jun-2	1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION:	NICTION BULLOT		REPORT NO.:	
	PRESSURE ZONE REALIGNMENT CONSTR			231	
CONTRACTOR: AM WEATHER:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
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
Mobilisation of breaker	backhoe	SMCC	1	Engineer	8
Excavation for ARV					
Excavation for waterline	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					
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		19779.5
1	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	HOURS FROM	A PREVIOUS REPORT:	
WAS HAZARDOUS MATI	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START ICTION:	19892
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE 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 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	

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

F405-04 DPR

	544475555555555555555555555555555555555			DATE:	04 DPR
	DAILY PRODUCTION REPO	DRT		3-Jun-2	1
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	REPORT NO.: 232		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	<del></del> -		
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP.	<del></del>	
	WORK PERFOR	MED TODAY	L		
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Weekly safety meeting		SMCC	1	PM	8
Carnation		SMCC		Engineer	8
	npaction 3rd nd 4th lift one side	SMCC		Safety officer	4
Excavation for waterline		SMCC		Operators	24
	I trench across backroad	HW Lee Construction		Supervisor	8
control room electrical		HW Lee Construction		Skilled	32
		HW Lee Construction		Helper	32
Kaiser				ricipor	02
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	TOTAL WOF	RK 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	HOURS PROP	W PHEVIOUS REPORT:	
	checklist showing inspection performed)				
l .	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	TOTAL WORK OF CONSTRL	CHOURS FROM START ICTION:	20032
	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		l	120	MET	
COVID-19 Temp Check					
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:	-	
95 47					
6).					
	1 Mini Excavator	8 hrs			- 1
	1 backhoe 1 backhoe with breaker	8 hrs			
	i backilde willi bleakei	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	
				77	

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

F405-04 DPR

	DAIL V DDODUCTION DED	DOT		DATE:	-U4 DPR
	DAILY PRODUCTION REPO	ORI		27-Dec-	21
CONTRACT NO.: W18-001-BND	TITLE AND LOCATION: PRESSURE ZONE REALIGNMENT CONSTR	DUCTION DUACE I		REPORT NO.:	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:		439	
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Sunny/Cloudy	Sunny/Cloudy	TO DO TENTO	IVIIIV. TEIVIF.		
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	РМ	8
12" inlet backfill and co	mpaction (2)	SMCC		Engineer	8
PRV79 pressure leak to	est. Approved. 12:00 to 14:00	SMCC		Operator	16
Excavation to cut existing				operator.	,,,
Excavation to connect I	PRV80 16"	HW Lee Construction	1	Supervisor	8
traffic sign boards prep	aration	HW Lee Construction		Skilled	16
Terao		HW Lee Construction		Helper	48
Vaults wall waterproof p	painting			, 10. <b>po</b> ,	40
Backfill and compaction	1	Guam Advance	1	Skilled (M )	8
		Guam Advance		Helper	16
Maimai					
Vault outside wall patch	ning				
	WAS A JOB SAFETY MEETING LIEUR THIS DATES	VED NO			
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:		128
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO		TOTAL OF WORK	40664
	FOLD/HV ELECTRICAL/HIGH WORK DONE? checklist showing inspection performed)	YES NO	TIOONO THOM	THE VIOUS REPORT.	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	TOTAL WORK OF CONSTRU	CHOURS FROM START ICTION:	40792
(If YES attach a description of LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	IS HAVE BEEN
			163	MET	
COVID-19 Temp Check	<u>(</u>				
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:				
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY			- 12
					,
	1 Tirebackhoe	8 hrs			
	1 PC200	8 hrs			
					-10 71
		CONTRACTOR/SUPERINTE	NDENT	DATE	

BAC	Service Service			F405-	-04 DPR
	DAILY PRODUCTION REPO	ORT		DATE: 28-Dec-	21
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	440		
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:			
AM WEATHER:	PM WEATHER:	MAX. TEMP.	MIN. TEMP		
Sunny/Cloudy	Sunny/Cloudy	<u> </u>			
	WORK PERFOR	MED TODAY			
wo	ORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Kaiser		SMCC	1	PM	8
12" inlet backfill and co	empaction (3)	SMCC	1	Engineer	8
16"to14" backfil and co	mpaction	SMCC	2	Operator	16
Valve collar forms fabri	cation. E DI16" Cut and concrete	SMCC	1	B truck operator	8
Excavation to connect	PRV80 16". Connect PRV80 to MM43B and tank	HW Lee Construction	1	Supervisor	8
Trash moving. Barrier r	moving	HW Lee Construction		Skilled	16
PRV79 Chlorination		HW Lee Construction		Helper	48
Terao		Almer Santos		Skilled	8
Vaults wall waterproof	painting	Guam Advance	1	Skilled (M )	8
Backfill and compaction	1	Guam Advance	2	Helper	16
Inside wall patching va	ults				
Maimai					
Vault wall waterproof pa	ainting				
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:	144
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)			TOTAL OF WORK	40792
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO			
(II TES attach a statement or	checklist showing inspection performed)		TOTAL WORK	HOURS FROM START	
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT? incident and proposed action)	YES NO	OF CONSTRU	CTION:	40936
LIST SAFETY ACTION TA	AKEN TODAY/SAFETY INSPECTION CONDUCTED:		YES	SAFETY REQUIREMENT	S HAVE BEEN
		L		MET	
COVID-19 Temp Check					
EGUIPMENT/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 Tirebackhoe	8 hrs			
	1 Boom truck 1 PC200	8 hrs			
	1 FO200	8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

				-	-04 DPR	
1	DAILY PRODUCTION REPO	ORT		DATE: 29-Dec-	21	
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:		
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I	441			
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:				
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX. TEMP.	MIN. TEMP	•		
			l			
	WORK PERFOR	MED TODAY				
wo	PRK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS	
Kaiser		SMCC	1	РМ	8	
Storage clean and arra	nge	SMCC	1	Engineer	8	
16" elbow to 14" thrust	block concrete	SMCC	2	Operator	16	
16"14" backfill and con	paction					
Excavation to connect	PRV80 16". Connect PRV80 to MM43B and tank	HW Lee Construction	1	Supervisor	8	
12" inlet backfill and co	mpaction	HW Lee Construction	1	Skilled	8	
		HW Lee Construction	5	Helper	40	
Terao		Guam Advance	1	Skilled (M )	8	
Backfill and compaction	1	Guam Advance		Helper	16	
Inside wall patching va	ults					
IOD CAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES NO	TOTAL WOR	IK HOURS ON JOBSITE	112	
JOB SAFETY						
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES NO	CUMUU ATIME	TOTAL OF WORK		
				TOTAL OF WORK PREVIOUS REPORT:	40936	
	FOLD/HV ELECTRICAL/HIGH WORK DONE?	YES NO				
(ii +ES attach a statement or	checklist showing inspection performed)		TOTAL WORK	HOURS FROM START		
	ERIAL/WASTE RELEASED TO THE ENVIRONMENT?	YES NO	OF CONSTRU		41048	
(If YES attach a description of LIST SAFETY ACTION TA	incident and proposed action) AKEN TODAY/SAFETY INSPECTION CONDUCTED:			SAFETY REQUIREMENT	IS HAVE BEEN	
			YES	MET MET	S HAVE BEEN	
COVID-19 Temp check						
EQUIPMENT/MATERIAL	RECEIVED TODAY TO BE INCORPORATED IN JOB:					
CONSTRUCTION AND D	ANT FOUNDMENT ON JOB OUTS TODAY INCLUDE MANAGE	·				
CONSTRUCTION AND P	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:			
8						
	1 PC200	8 hrs				
	1 Tire backhoe	8 hrs				
		CONTRACTOR/SUPERINTE	NDENT	DATE	1	
		. ,		5,112		
	No. 1		20 00			

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F405-04 DPR

	DAILY PRODUCTION REPO	ORT		DATE: 30-Mar-2	22
CONTRACT NO.:	TITLE AND LOCATION:			REPORT NO.:	
W18-001-BND	PRESSURE ZONE REALIGNMENT CONSTR	RUCTION-PHASE I		532	
CONTRACTOR:	SUMITOMO MITSUI CONSTRUCTION CO., LTD.	PROJECT SUPT.:	_		
AM WEATHER: Sunny	PM WEATHER:	MAX. TEMP.	MIN. TEMP.		
Suriny	Sunny				
	WORK PERFOR	MED TODAY			
wo	RK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HOURS
Carnation		SMCC	1	РМ	8
Additional work PRV15	hatch- chipping form and rebar	SMCC	1	Engineer	8
Electrical work in vaults	and control room	SMCC	1	Supervisor	8
Kaiser		SMCC	2	Operator	12.5
Manual grading near fe	nce. Backfill compaction	SMCC	2	B&D truck optr	16
Flowable fill abandoned	vault + potholing	HW Lee Construction	1	Supervisor	8
Ysengsong		HW Lee Construction		Skilled	24
SCADA work		HW Lee Construction		Helper	40
Terao		MCS	2	Skilled	16
Pressure leak test		Guam Advance	2	Skilled (M)	16
Excavation for waterline	)			,	
Maimai		Guam Advance	3	Skilled (E )	24
Backfill, sand bedding				, ,	
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:	
	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? checklist showing inspection performed)	YES NO	TOTAL MODI	HOURS FROM START	
(If YES attach a description of		YES NO.	OF CONSTRU	CTION:	180.5
LIST SAFETY ACTION TA	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:		<del></del>		
CONSTRUCTION AND PL	ANT EQUIPMENT ON JOB SITE TODAY, INCLUDE NUMBE	R AND HOURS USED TODAY	:		
	1 Hyndai excavator	8 hrs			
	1 PC200	4 hrs			
	1 Tirebackhoe 1 Boom truck	4 hrs			
	1 Dump truck	8 hrs 8 hrs			
		CONTRACTOR/SUPERINTE	NDENT	DATE	

# ATTACHMENT C

# Tsang Brothers Corporation

Steel & Building Material Specialist

P.O. Box 7917 Tamuning, GU 96931

Tel: (671) 638-8133 / 638-1113 / 1115 Fax: (671) 638-1117

\*Sumitomo Mitsui Construction
P. O. BOX 9670
TAMUNING, GUAM 96931

Ship To
PICK UP: EDDIE
TEL: 671-649-7521
PROJ:

WHITE-Original PINK-Customer YELLOW-Warehouse

## INVOICE

Date	2/23/2022
Invoice No.	100800368
P.O. Number	31101
Terms	Net 30
Sales Rep	GEMMA
Ship Date	2/23/2022
Phone	ferdie 888-3209
Alt. Phone	#888-3546

Item	Description	Site	Quantity	Unit	Unit Price	HL Location	Amount
8881153961	READY MIXED CEMENT WITH GRAVEL QUIKRETE (60LBS) (4000PSI) (56BAG/PALLET) 110160*	В НІР	5	BAG	10.00	THE REPORT OF	50.00
0 RT	10% DISCOUNT GRT: EXEMPT				-10.00% -5.00%		-5.00 -2.50
				0-	2R S	9-01	9

TERMS & CONDITION: Returned items must be accompanied by this bill. Returned merchandise is subject to a 10% handling charge after 3days and will not be accepted after 10 days from the above date of purchase. Purchaser agrees to pay interest at the rate of 1.5% per month on all overdue invoices. If said accounts are place in the hands of an attorney for effection or suit is brought on same. Purchaser agrees to pay an additant amount of 33 of the amount found due (including interest as foresaid) as attorney fees, plus any costs

INVOICE RECEIVED BY:

MATERIAL RECEIVED BY:

CONFIRMED ABOVE MATERIAL(S) IN GOOD CONDI

Total	\$42.50
Pmt/Cr:	\$0.00
Bal Due:	\$42.50



## 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

Purchase Order No.:

PZR-025

#### **Purchase Order**

DATE:

June 4, 2021

TO:

INDIGO PIPING SYSTEMS C/O CRW TRADING 400 Evelyn Ave. Suite #228, Albany, CA 94706 Tel (510) 426-4450 , Fax (510)-833-2775

Attention: Mr. SALES REPRESENTATIVE

Quotation No.: OA NO. 00018737 dated 5/25/2021

ITEM	DESCRIPTION	Quantity	Unit		Unit Price		Sub Total
A.4	6" ALPHA XL WIDE RANGE RESTRAINED	2.00	EA	\$	408.72	\$	817.44
	COUPLING, ALL CASTING COMPONENTS (CENTER &			+	100.72	-	017.4-
	END RINGS, BOLT GUIDES, GRIPPERS) DUCTILE		,			<del> </del>	
	IRON, NBR GASKET, 304 SS BOLTS-NUTS &					-	
	DRAW-HOOK FASTENERS, FUSION EPOXY, UP TO					-	
	350 PSI WORKING PRESSURE, 6.90° TO 7.20° RANGE, ROMAC ALPHA XL - 7.20					-	
A.5	12" X 2" IP TAP DOUBLE STRAP SERVICE	1.00	EA	s	91.61	e	91.6
	SADDLE, DUCTILE IRON SADDLE, 304 STAINLESS			+	31.01	*	91.0
	STEEL DOUBLE STRAP OR BAND, 304 STAINLESS			+		-	
	STEEL BOLTS & NUTS, NBR GASKET, TO FIT			+			
	13.20"OD DI OR C900 PVC PIPE, ROMAC 202S -			+			
	13.20 X 2*IP	4		+		<del> </del>	
	B. YSENGSONG PRV MOVE PRV . EXISTING PIPE ACP			+		-	
8.1	12" X 20FT PVC PIPE, C900, DR 18, 235	80.00	LF	\$	31.70	_	
	PSI, BLUE, GASKETED JOINT	00.00	LF	13	31.70	3	2,536.00
B.2	ALL PURPOSE PIPE LUBRICANT, GALLON,	1.00	GAL	s	13.02		10.00
	4EA GALLON IN A CASE, SOLD BY CASE, OATEY-30601	1.00	GAL	+3	13.02	\$	13.02
B.3	12" FABRICATED COUPLING WITH RESTRAINT	2.00	EA	\$	4 000 00		
	ASSEMBLY FOR ASBESTOS PIPE & C900 PVC	2.00	EA	13	1,833.20	\$	3,666.40
	PIPE, ALL FACTORY STANDARD MATERIALS AND			-			
	COATING			-			
	NOTE: EXACT OD OF THE ASBESTOS PIPE IS			-			
	NEEDED AT THE TIME OF ORDER.						
	C. CLARA PRV			+			
C.1	12" X 20FT PVC PIPE, C900, DR 18, 235	60.00	LF	-		_	
	PSI, BLUE, GASKETED JOINT	60.00	LF	\$	31.70	-\$	1,902.00
C.2	ALL PURPOSE PIPE LUBRICANT, GALLON,	1.00	GAL	-			
	4EA GALLON IN A CASE, SOLD BY CASE, OATEY- 30601	1.00	GAL	\$	13.02	\$	13.02
C.3	12" FABRICATED COUPLING WITH RESTRAINT	0.00		+			
	ASSEMBLY FOR ASBESTOS PIPE & C900 PVC COATING	2.00	EA	\$	1,833.20	\$	3,666.40
	NOTE: EXACT OD OF THE ASBESTOS PIPE IS NEEDED AT THE TIME OF ORDER.	+					
D1.1.1	D1. KAISER PRV 79			-			
D1.1.1	14" X 14" X 12"(BRANCH) TEE.	100					
	IRON, C153 MJ FITTING, CEMENT LINED AND	1.00	EA	\$	616.76	\$	616.76
	ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ RESTRAINT ACCESSORIES, IMPORT	+					
D1.1.2	14" EZ GRIP MECHANICAL JOINT						
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ	1.00	EA	\$	127.87	\$	127.87
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,	+					
	WEDGE, GASKET, T-BOLTS & NUTS), ALL						
	ITTEDGE, GAGRET, T-BOLTS & NOTS), ALL						

ITEM	DESCRIPTION	Quantity	Unit		Unit Price		Sub Total
	FACTORY STANDARD MATERIALS AND COATING,						
	PART # EZDP14					+	
D1.1.3	12" EZ GRIP MECHANICAL JOINT RESTRAINT	1.00	SET	s	96.13	•	96.1
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ			-	30.10	٠,	30.1
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,			-		-	
	WEDGE, GASKET, T-BOLTS & NUTS), ALL					1	
	FACTORY STANDARD MATERIALS AND COATING PART # EZDP12					-	
D1.2.1	12" X 45° BEND, DUCTILE IRON, C153 MJ	6.00	EA	S	209.52	•	1,257.1
	FITTING, CEMENT LINED AND ASPHALTIC			-	203.32	-	1,637.1
	COATED, MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT					<del> </del>	
D1.2.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT	12.00	SET	s	110.74	e	1,328.8
	DEVICE FOR PVC C900 PIPE X MJ DUCTILE IRON	12.00			110.77	+ -	1,320.0
	FITTING, INCLUDES: DI GLAND & WEDGE, SBR			+		-	
	GASKET, ALLOY STEEL T-BOLTS & NUTS.			+		<del> </del>	
	FACTORY SHOPCOAT PAINT, IMPORT, PART # EZPVCP12			-			
D1.3.1	12" X 12" X 12" TEE, DUCTILE IRON,	1.00	EA	s	352.00	•	250.0
	C153 MJ FITTING, CEMENT LINED AND	1.00		1 4	352.00	3	352.0
	ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT			+			
D1.3.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT	9.00	SET	\$	110.74	•	000.0
	DEVICE FOR PVC C900 PIPE X MJ DUCTILE IRON	3.00	JEI	3	110.74	3	996.6
	FITTING, INCLUDES: DI GLAND & WEDGE, SBR						
····	GASKET, ALLOY STEEL T-BOLTS & NUTS.						
	FACTORY SHOPCOAT PAINT, IMPORT, PART # EZPVCP12			-		-	
D1.4	12" ALPHA XL WIDE RANGE RESTRAINED	4.00	EA	\$	507.05		
	COUPLING, ALL CASTING COMPONENTS (CENTER &	4.00	EA	13	597.85	3	2,391.4
	END RINGS, BOLT GUIDES, GRIPPERS) DUCTILE						
	IRON, NBR GASKET, 304 SS BOLTS-NUTS &						
	DRAW-HOOK FASTENERS, FUSION EPOXY, UP TO			+		-	
	350 PSI WORKING PRESSURE, 13.20" TO 13.60"			-			
	RANGE, ROMAC ALPHA XL - 13.60			+			
D1.5.1	12" X 90° BEND, DUCTILE IRON, C153 MJ	1.00	EA	s	050.00	_	
	FITTING, CEMENT LINED AND ASPHALTIC	1.00	EA	13	253.33	\$	253.3
	COATED, MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT			_			
D1.5.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT	2.00	SET	s	440.74	•	
	DEVICE FOR PVC C900 PIPE X MJ DUCTILE IRON	2.00	SEI	13	110.74	\$	221.4
	FITTING, INCLUDES: DI GLAND & WEDGE, SBR			+			
	GASKET, ALLOY STEEL T-BOLTS & NUTS.					-	
	FACTORY SHOPCOAT PAINT, IMPORT, PART # EZPVCP12			_			
D1.6.1	12" MJ CAP SOLID, DUCTILE IRON C153 MJ	1.00	EA	\$	100 10		
	FITTING, ASPHALTIC COATED, MJ END WITHOUT	1.00	EA	1.3	102.48	\$	102.4
	MJ ACCESSORIES, IMPORT						
D1.6.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT	2.00	EA	\$	440.74		
	DEVICE FOR PVC C900 PIPE X MJ DUCTILE IRON	2.00	EA	1.3	110.74	<b>&gt;</b>	221.48
	FITTING, INCLUDES: DI GLAND & WEDGE, SBR						
	GASKET, ALLOY STEEL T-BOLTS & NUTS,			+			
	FACTORY SHOPCOAT PAINT, IMPORT, PART # EZPVCP12			+			
D1.9	12" X 20FT PVC PIPE, C900, DR 18, 235 PSI, BLUE, GASKETED JOINT	120.00	LF	s		_	
D1.10	12' FABRICATED COUPLING WITH RESTRAINT	4.00	EA	\$	31.70		3,804.00
	ASSEMBLY FOR ASBESTOS PIPE & C900 PVC	4.00	EA	12	1,833.20	25	7,332.80
·	PIPE, ALL FACTORY STANDARD MATERIALS AND COATING						
	NOTE: EXACT OD OF THE ASBESTOS PIPE IS			+			

Page 2 of 5

ITEM	DESCRIPTION	Quantity	Unit		Unit Price		Sub Total
	NEEDED AT THE TIME OF ORDER.			_			
	D2. KAISER PRV 43A AND 43B						
D2.1	12" X 20FT PVC PIPE, C900, DR 18, 235	20.00	LF	s	31.70	e .	634.0
	PSI, BLUE, GASKETED JOINT		<u> </u>	+-	01.70	1	034.0
D2.2.1	16" X 16" X 16" TEE, DUCTILE IRON,	2.00	EA	s	803.43	e	1,606.8
	C153 MJ FITTING, CEMENT LINED AND	2.00		-	003.43	3	1,000.00
	ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT			+		-	
D2.2.2	16" EZ GRIP MECHANICAL JOINT RESTRAINT	6.00	SET	s	172.50	e	1.035.00
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ		<u> </u>		172.30	-	1,035.0
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,						
	WEDGE, GASKET, T-BOLTS & NUTS), ALL					-	
	FACTORY STANDARD MATERIALS AND COATING, PART # EZDP16			<del></del>		-	
D2.3.1	16" X 45" BEND, DUCTILE IRON, C153 MJ	1.00	EA	s	409.90	•	409.90
	FITTING, CEMENT LINED AND ASPHALTIC	1.00		+*-	403.30	-	409.90
	COATED, MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT						
D2.3.2	16" EZ GRIP MECHANICAL JOINT RESTRAINT	2.00	SET	\$	172.50		045.04
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ	2.00	JEI		172.50	3	345.00
	DUCTILE IRON FITTINGS, INCLUDES - GLAND.			+		-	
	WEDGE, GASKET, T-BOLTS & NUTS), ALL			+			
	FACTORY STANDARD MATERIALS AND COATING, PART # EZDP16			+			
D2.4	16" VAL-MATIC # 2116/2D02AX023 BURIED	1.00	EA	s	0.400.70		A 400 T
	SERVICE BUTTERFLY VALVE WITH TRAVELING NUT	1.00	EA	12	2,436.78	\$	2,436.7
	ACTUATOR, EXTERNAL STOPS & AWWA 2" NUT.			-			
	DUCTILE IRON BODY AND DISC, BUNA-N SEAT,			+			
	304SS SHAFT, 10-20 MILS FUSION BONDED			-			
	EPOXY INTERIOR AND EXTERIOR, MJ X MJ			-			
	WITHOUT MJ ACCESSORIES, 150 PSI MAXIMUM WORKING PRESSURE			-			
D2.5	16" X 20FT PVC PIPE, C900, DR 18, 235	40.00	LF	-			
	PSI, BLUE, GASKETED JOINT	40.00	LF	\$	55.16	\$	2,206.40
D2.6.1	16" X 45° BEND, DUCTILE IRON, C153 MJ	2.00	EA	-			
	FITTING, CEMENT LINED AND ASPHALTIC	2.00	EA	\$	409.90	\$	819.80
	COATED, MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT			-			
D2.6.2	16" EZ GRIP MECHANICAL JOINT RESTRAINT	100					
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ	4.00	SET	\$	172.50	\$	690.00
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,			-			
	WEDGE, GASKET, T-BOLTS & NUTS), ALL						
	FACTORY STANDARD MATERIALS AND COATING, PART # EZDP16'						
D2.7	16" ALPHA XL WIDE RANGE RESTRAINED						
W-1.1	COUPLING, ALL CASTING COMPONENTS (CENTER &	2.00	EA	\$	3,293.53	\$	6,587.06
	END RINGS, BOLT GUIDES, GRIPPERS) DUCTILE			-			
	IRON, NBR GASKET, 304 SS BOLTS-NUTS &			1			
	DRAW-HOOK FASTENERS, FUSION EPOXY, UP TO						
	350 PSI WORKING PRESSURE, 17.40" TO 17.85"						
	RANGE, ROMAC ALPHA XL - 17.85			-			
D2.9	ALL PURPOSE PIPE LUBRICANT, GALLON.			1			
	4EA GALLON IN A CASE, SOLD BY CASE, OATEY- 30601	2.00	GAL	\$	13.02	\$	26.04
D2.10				<u> </u>			
02.11	10 GAUGE BARE COPPER WIRE, SOFT DRAWN ANNEALED, SOLID, 500FT PER ROLL  12" FABRICATED COUPLING WITH RESTRAINT	1.00	ROLL	\$	185.63		185.63
<b>72.11</b>	ASSEMBLY FOR ASBESTOS PIPE & C900 PVC	2.00	EA	\$	1,833.20	\$	3,666.40
	PIPE, ALL FACTORY STANDARD MATERIALS AND						
	ICICC, BLI CAUTURY ATANDAMITMATEMIALS AND	1 1		1			

Page 3 of 5

ITEM	DESCRIPTION	Quantity	Unit		Unit Price		Sub Total
	NOTE: EXACT OD OF THE ASBESTOS PIPE IS NEEDED AT THE TIME OF ORDER.						
D2.12	16" FABRICATED COUPLING WITH RESTRAINT	2.00	EA	\$	3,323.07	e	6 646 1
	ASSEMBLY FOR ASBESTOS PIPE & C900 PVC				3,323.07	3	6,646.1
	PIPE, ALL FACTORY STANDARD MATERIALS AND COATING		-	+		ļ	
	NOTE: EXACT OD OF THE ASBESTOS PIPE IS		1	-			
	NEEDED AT THE TIME OF ORDER.		f	-			
	D3. KAISER PRV ABANDONMENT					-	
D3.1	8" BLIND FLANGE, DUCTILE IRON, C110	4.00	EA	\$	100.05	-	
	FLANGE FITTING, CLASS 125 LB FLANGE	4.00	F.	3	108.95	3	435.8
	DRILLED, ASPHALTIC COATED, IMPORT, FE		-	-			
	WITHOUT FLANGE CONNECTING ACCESSORIES		1				
D3.2.1	8" 150# FLANGE BOLTS & NUTS SET, 304	4.00	057	-			
	STAINLESS STEEL, ASTM F593/F59, IMPORT	4.00	SET	\$	18.88	\$	75.5
D3.2.2	8" 150# FULL FACED RED RUBBER FLANGE						
	GASKET, 1/8" THICK	4.00	EA	\$	4.38	\$	17.5
D3.3	8" MJ PLUG SOLID, DUCTILE IRON C153 MJ						
	FITTING, ASPHALTIC COATED, MJ ACCESSORY	1.00	EA	\$	65.14	\$	65.1
	SET NOT APPLICABLE, IMPORT						
D3.4	8" MJ CAP SOLID, DUCTILE IRON, C153 MJ						
D3.7		1.00	EA	\$	54.86	\$	54.80
	FITTING, ASPHALTIC COATED, MJ END WITHOUT						
D3.5	MJ ACCESSORIES, IMPORT						
D3.5	8" EZ GRIP MECHANICAL JOINT RESTRAINT	1.00	SET	\$	50.30	\$	50.3
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ						
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,						
	WEDGE, GASKET, T-BOLTS & NUTS), ALL						
	FACTORY STANDARD MATERIALS AND COATING,						
	PART # EZDP08						
D3.6	12" MJ CAP SOLID, DUCTILE IRON C153 MJ	1.00	EA	s	102.48	S	102.48
	FITTING, ASPHALTIC COATED, MJ END WITHOUT						102.40
	MJ ACCESSORIES, IMPORT			1			
D3.7	12" EZ GRIP MECHANICAL JOINT RESTRAINT	6.00	SET	s	96.13	2	576.78
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ			+-	30.10	<u> </u>	370.70
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,			+			
	WEDGE, GASKET, T-BOLTS & NUTS), ALL			+			
	FACTORY STANDARD MATERIALS AND COATING,			+			
	PART # EZDP12			-			
D3.8	12" MJ CAP SOLID, DUCTILE IRON C153 MJ	1,00	EA	s	102.48		
	FITTING, ASPHALTIC COATED, MJ END WITHOUT	1.00	<u> </u>	13	102.48	2	102.48
	MJ ACCESSORIES, IMPORT			+			
D3.9.1	12" X 12" X 12" TEE, DUCTILE IRON,	1.00	EA	\$	250.00		
	C153 MJ FITTING, CEMENT LINED AND	1.00	EA	13	352.00	\$	352.00
	ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT						
D3.9.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT			-			-
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ	3.00	SET	\$	96.13	\$	288.39
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,			+			
	WEDGE, GASKET, T-BOLTS & NUTS), ALL			-	•		
	FACTORY STANDARD MATERIALS AND COATING, PART # EZDP12			1			
D3.10.1	12" X 45° BEND, DUCTILE IRON, C153 MJ						
	FITTING, CEMENT LINED AND ASPHALTIC	2.00	EA	\$	209.52	\$	419.04
D3.10.2	COATED, MJ X MJ WITHOUT MJ ACCESSORIES, IMPORT						
JU. 10.2	12" EZ GRIP MECHANICAL JOINT RESTRAINT	4.00	SET	\$	96.13	\$	384.52

Page 4 of 5

ITEM	DESCRIPTION	Quantity	Unit	Unit Price		Sub Total
	DEVICE FOR AWWA DUCTILE IRON PIPE X MJ					
	DUCTILE IRON FITTINGS, INCLUDES - GLAND,	<u> </u>			-	
	WEDGE, GASKET, T-BOLTS & NUTS), ALL		***************************************		-	
	FACTORY STANDARD MATERIALS AND COATING,				<del> </del>	7.5
	PART # EZDP12				-	
D3.12	12" X 20FT PVC PIPE, C900, DR 18, 235	40.00	LF	\$ 31.70	•	1,268.00
	PSI, BLUE, GASKETED JOINT			31.70	3	1,268.00
	LOADING/DRAYAGE/OCEAN/DELIVERY RECEIVING & LOADING, JOBSITE DELIVERY	1,00	lot	\$ 12,114.00	\$	12,114.00
					-	12,114.00
					\$	
	CIF GUAM (DELIVERED TO JOBSITE)	TOTAL		,	S	75,410.12

19%

#### **Terms & Conditions for this Purchase**

Condition of Or	der:
Shipping:	CIF GUAM (DELIVERED TO JOBSITE)
Delivery Date:	AS Per Stated Below:  OI Pipes and Fittings on or before August 31st ~ Jobsite  PVC Pipes and Flow Meters on or before August 31st ~ Jobsite  Partial Shipment is accepted & Complete Shipping cost included in this purchase order.
Payment:	Payment following 25th of the month of the actual delivery
Specification	As per project specification

PROJECT NAME: Pressure Zone Realignement Construction - Phase 1

Recommended by:

Nandagopalan J., Senior Project Manager

6/4/2021 Date

Approved By:

Takeyuki Shiino, General Manager

Jun 4 202

Accepted By:

Rattu Lama

June 8, 2021

SALES REPRESENTATIVE INDIGO PIPING SYSTEMS C/O CRW TRADING

Date

#### Note

We will definitely put our utmost efforts to keep above delivery date. But as you must be aware that current market for products we supply is very volatile due to global pandemic. Suppliers clearly say to us that they will do their best to keep the delivery date but don't guarantee. I just wanted to bring your attention to this. However, be assured that we will keep eye on it and will keep you posted. Thank you,

Indigo Piping Systems

@HIPPIHC 19%

Page 5 of 5



# RIMS ENTERPRISE INC. P.O. BOX EV HAGÅTÑA, GUAM 96932 U.S.A. TELEPHONE: 632-8580 • FAX: 633-4307

Address SOLD B	E25560	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE.	PAIL	OUT
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CUSTOM	ER'S C	ORDER NO.			REC'D BY:		/	





#### RIMs ENTERPRISE INC.

P.O. BOX EV HAGÅTÑA, GUAM 96932 U.S.A TELEPHONE: 632-8580 • FAX: 633-4307

			TELEFHO	NE. 032-036	J • FAA: 633	-4307	1733	30
Name: _		, UI	11701	140	Date M/7	57	121,	/2/
Address:	:			J. P. J. L. D. SW. A. P.				
SOLD B	Y	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RETD	PAID	OUT
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#### **Hawaiian Rock Products**

March 12, 2020 HRPG #2020-146

Sumitomo Mitsui Construction Co., Ltd. P.O. Box 9670 Tamuning, Guam 96931

Attention:

Mr. Mark A. Ancheta

Reference:

Guam Waterworks Authority Pressure Zone Realignment Construction -

Phase I

#### Gentlemen:

This is a revision to our letter HRPG #2019-510 dated November 7, 2019 on the following prices for the above referenced project subject to the same Standard Terms and Conditions previously sent:

Ready-Mixed Concrete using ASTM C-150, Type I/II, delivered to the jobsite, per cubic yard 1. (minimum of 6-CY):

150~300 psi; Flowable Fill; 6"-8" slump (C411-6G2)	0.440.00
2500 psi; D-0.75; 4"-6" slump (5CTDS46)	\$ 118.80
2000 poi; E 0.75, 4 =0 Siulily (5C1 D546)	\$ 144.20
3000 psi; E-0.375; 8"-10" slump (C446DS1) line pump mix	\$ 173.45
5000 psi; H-0.75; 6"-8" slump (22CTFU8)	
5000 psi; H-0.75; 6"-8" slump (39CTDS8) p/mix	\$ 170.60
Sacross being the significant and significant	\$ 182 65

Ready-Mixed Concrete using ASTM C-150, Type I/II, (below 6-cubic yards), per cubic yard, plus delivery charges:

\*\*\*\*5000 PSI mixes are provided/recommended for 4000 PSI requirements since specifications max. w/c ratio is 0.40.

(28 Meter) \$145.00 per hour (minimum 3-hours). Concrete Pump Rental (36 meter) \$175.00 per hour (minimum 3-hours).

READY MIX CONCRETE • ASPHALTIC CONCRETE • CONCRETE BLOCKS • CONCRETE PIPES AGGREGATES • PAVING CONTRACTOR 1402 Rt. 15, Mangllao, Guam 96913 Telephone: (671) 734-2971~6 • FAX-Dispatch: (671) 734-5030 FAX-Engineering: (671) 734-0990 • FAX-Accounting: (671) 734-6374 • FAX-Executive: (671) 734-3744 Website Address: www.hawallanrock.com

TELEPHONE 734-2971-76 FAX 734-6374



#### HAWAIIAN ROCK PRODUCTS CORP. 1402 ROUTE 15, MANGILAO, GUAM 96913

Web: hawaiianrock.com

SUMITOMO MITSUI CONST.CO., LTD.

DATE

8/25/2021

INVOICE NO. 34

343744

P.O.BOX 9670

ACCOUNT NO.

72467

JOB NO.

256

**TAMUNING** 

GUAM

96931

PAGE NO.

Page 1 of 1

ORDER NO.

	DELIVERY	ADDRESS	LOT / BLOCK	PURC	ASE ORDER NUM	BER		TERMS	
F.O.B. (Cold M	ix)				30274			PTK	
DATE SHIPPED	QUANTITY	MATERIA	AL	PLANT	TICKET	UNIT PRICE			AMOUNT
3/25/2021	6.80	AC-UPM UPM Cold Mix		500	20013561	237.60	Tons		1,615.68

BEEN RECEIVED

SENIOR ACCOUNTANT

INVOICE TOTAL

SENIOR ACCOUNTANT

10 TOTAL QUANTITY

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THIS ACCOUNT IS DUE WITHIN 30 DAYS OF INVOICE DATE. IF NOT PAID IN FULL WITHIN 30 DAYS OF SAID DUE DATE, PURCHASER EXPRESSLY AGREES THAT A (1-1/2%) PERCENT PER MONTH SERVICE CHARGE SHALL BE ADDED TO THIS ACCOUNT COMPUTED BASED ON THE UNPAID BALANCE UNTIL THE ACCOUNT IS PAID IN FULL. PURCHASER AGREES TO PAY REASONABLE ATTORNEY'S FEES IF REFERRED FOR LEGAL ACTION AND OTHER COSTS INCURRED FOR COLLECTION.

# ||| SMITHBRIDGE

300 Chalan Padiron Haya Yigo, GU 96929

Bill To	
Sumitomo Construction PO Box 9670 Tamuning, GU 96931	
×	
DSUMCO	

#### **Invoice**

Date	11/30/2021	Invoice #
Ship Date	11/30/2021	0010200
Due Date	12/30/2021	QS12398

Ship To		
	Project	

	P.O. Number		Terms	Rep	Project			
	PZR-036		Net 30	RJP				
Quantity	Item Code		Description		U/M	Price Each	Reporting Code	Amount
17.15	WBS	Washed Bedding S	and	,	ton	18.00	58000	308.70
Thank you for you	r business.					<u> </u>		

Total

\$308.70

Customer agrees to perform the applicable obligations imposed by the equal employment opportunity and affirmation action clauses for the minorities and women (41 CFR 60-1.4), for persons with a disability (41 CFR 60-741.5), for veterans (41 CFR 60-300.5), as amended and 41 CFR Part 471, Appendix A to Subpart A, and for construction contractors and subcontractors with 50, or more employees agrees to comply with 41 CFR 60-1.7(a) and with 41 CFR 60-1.40(a), 41 CFR 60-300.40 if they have a contract of \$100,000 or more, 41 CFR 60-741.40, and 29 CFR Part 741, Appendix A to Subpart A. Customer agrees to the provisions of EO13496 and it's implementation regulations at 29 C.F.R Part 471

This invoice is final. Please pay on this invoice under the terms agreed.

10269LN.PRESSURE ZONE REALIGNMENT PH1 ELECTRICAL

# ATELINE EXPORTS

**QUOTATION** 

8600 SW SALISH LANE SUITE #1, WILSONVILLE, OR 97070

Phone: 503-826-5716 Fax: 971-224-4604

E-mail: laurienopper@datelineexports.com

GUAM REP: CRW TRADING TEL:(671) 649-1245 FAX:(671) 649-1246 MOBILE:(671) 688-1320

DATE:

4/29/2020

QUOTE NO:

10269LN.R4.01

CUSTOMER

SUMITOMO MITSUI CONSTRUCTION CO LTD ATTN: POMPEYO J. BARROGA SR

**GUAM** 

**GUAM JOBSITE** 

**SHIP TO** 

**CUSTOMER JOB REF:** 

SHIP VIA:

**TERMS OF PAYMENT:** 

PRESSURE ZONE REALIGNMENT **ELECTRICAL** 

**OCEAN FREIGHT** 

**AS AGREED** 

VALIDITY:

**LEAD TIME:** 

10-12 WEEKS FOB FACTORY AFTER APPROVALS

**EXPIRES IN 1 WEEK** 

Item No.	Qty:	Unit:	Description	Unit Price:	Ex	t. Amount:
1	34	EA	3/4" x 10' COPPER GROUND ROD	18.94	\$	643.96
2	34	EA	LPC790 ERICO GROUND ROD CLAMP CLASS 1- CLASS 2 (4/0 MAX) CONDUCTOR SIZE UL 1/2IN- 3/4IN DIA	16.34		555.56
3	15	EA	G05T-BOX CHRISTY H20 TRF VALVE BOX	58.58	\$	878.70
	15	EA	G05CT CHRISTY CI LID W/HL	42.32	\$	634.80
4	500	LF	161.98 MILS (6 AWG SOL) CU SD	0.38	\$	190.00
5	52	EA	CABLE RACK 16 HOLE X 23-3/4" A36 STL HDG #10A09	6.48	\$	336.96
6	104	EA	CABLE ARM 14" A36 GALV STEEL #10A38	6.89	\$	716.56
7	312	EA	HIGH GRADE WHITE ELECTRICAL GLAZED DRY PROCESS INSULATOR #11A31	3.39	\$	1,057.68
8	26	EA	7/8" X 9" STYLE 1 HDG PULL IRON #12A10	13.68	\$	355.68
9	104	EA	1/2" STEEL ROD LIFTING HANDLE THREADED ENDS 12D-SLH-676-G-HDG	18.63	\$	1,937.52
10	1	EA	PANEL B (SEE ATTACHED)	1,098.06	\$	1,098.06
11	1	EA	TESCO PAD MOUNT TYPE 3RX RATED 27-000 316 STAINLESS STEEL COATED WHITE METERED SERVICE ENCLOSURE 120/240 VOLT 1 PHASE 3 WIRE	4,863.64	\$	4,863.64
12	1	EA	PANEL SE-1 (SEE ATTACHED)	1,182.39	\$	1,182.39
11	2	EA	QOB120-MINIATURE CIRCUIT BREAKER 120/240V 20A	27.45	\$	54.90
12	1	EA	114TB B-LINE 100A 4T SFTY SKT BOX	244.45	\$	244.45
13	3	EA	LITHONIA ZL1N L48 5000LM FST MVOLT 40K 80CRI PLR1G WH	121.33	\$	363.99
14	3	EA	RAB WP2LED49L-750U/PCU WP2 4900LM	207.14	\$	621.42
15	10	EA	STL-CTY GW125-G 2-1/2D 1G MASON BOX	8.55	\$	85.50
16	7	EA	5362-IG LEVITON OR BR REC IG DUP NARROW 2PO 3WI 20A 125V	6.00	\$	42.00
	7	EA	86003 LEVITON W/P DUPLEX RECEPT IV	0.26	\$	1.82
17	5	EA	GFWR2-I LEVITON 20A SELF TEST SLIM WTHR RESIST GFCI-IVY	25.35	\$	126.75
	5	EA	FGV-1DCV BWF 1 GANG VER GFI COV GRY Page 1 of 4	5.05	\$	25.25

Item No.	Qty:	Unit:	Description 10269LN.PRESSOI	RE ZONE REALIGNM Unit Price:	xt. Amount:
18	10	EA	STL-CTY 54561-1/2&3/4 3-1/2D RING	5.88	\$ 58.80
	10	EA	STL-CTY CBP CNCRT RING PLT COMB KO **COVER FOR CONCRETE BOX**	1.64	\$ 16.40
19	2	EA	1221-2I LEVITON IV SW TGL SP 20A120/277VAC	2.82	\$ 5.64
	2	EA	86001 LEVITON P1-I	0.26	\$ 0.52
20	32	EA	12126-4XSCHC B-LINE HNGD CVR ENCL	447.28	\$ 14,312.96
21	700	LF	PVC SCH40 3 X 20 UL BE CAT #4030020	1.15	\$ 805.00
22	4	EA	3 GALV 90DEG 36RAD ELBOWS	130.66	\$ 522.64
23	3	EA	PVC SCH40 3 X 90 X 36 BE CAT #F403009036	10.79	\$ 32.37
24	16	EA	PVC COUPLING 3 CAT #CP30	1.15	\$ 18.40
25	6	EA	PVC TERMINAL ADAPTER 3 CAT #TA30	1.41	\$ 8.46
26	16	EA	PVC FEMALE ADAPATER 3 CAT #FA30	1.56	\$ 24.96
27	15	EA	PVC END BELL MOLDED 3 CAT #MEB30	2.46	\$ 36.90
28	18	EA	3-IN-GALV-CPLG CONDUIT COUPLING	19.32	\$ 347.76
29	175	EA	3 X 3" BASE SPACER	0.91	\$ 159.25
30	150	LF	3-ALUM CONDUIT ALUMINUM RIGID	7.69	\$ 1,153.50
31	2,800	LF	PVC SCH40 2 X 20 UL BE CAT #4020020	0.60	\$ 1,680.00
32	8	EA	CONDUIT 2-IN-90D-36R-GALV ELBOW	74.47	\$ 595.76
.33	38	EA	PVC COUPLING 2 CAT #CP20	0.39	\$ 14.82
34	20	EA	PVC TERMINAL ADAPTER 2 CAT #TA20	0.57	\$ 11.40
35	21	EA	PVC FEMALE ADAPATER 2 CAT #FA20	0.56	\$ 11.76
36	37	EA	PVC END BELL MOLDED 2 CAT #MEB20	2.15	\$ 79.55
37	45	EA	326 BRIDGEPORT 2-IN 105D PLSTC BUSH	0.50	\$ 22.50
38	32	EA	2-IN-GALV-CPLG CONDUIT COUPLING	5.98	\$ 191.36
39	510	EA	2" X 3" BASE SPACER CAT #BV2030	0.79	\$ 402.90
40	100	FT	2-ALUM CONDUIT ALUMINUM RIGID	3.90	\$ 390.00
41	4,500	LF	PVC SCH40 1" X 20' UL BE	0.32	\$ 1,440.00
42	39	EA	1IN-36RAD-90D CONDUIT GALV ELBOW	35.74	\$ 1,393.86
43	102	EA	PVC COUPLING 1 CAT #CP10	0.16	\$ 16.32
44	64	EA	PVC TERMINAL ADAPTER 1 CAT #TA10	0.25	\$ 16.00
45	56	EA	PVC FEMALE ADAPTER 1 CAT #FA10	0.29	\$ 16.24
46	61	EA	PVC END BELL MOLDED 1 CAT #MEB10	1.18	\$ 71.98
47	106	EA	323 BRIDGE PORT 1-IN 105D PLSTC BUSH	0.17	\$ 18.02
48	81	EA	1-IN-GALV-CPLG CONDUIT COUPLING	2.39	\$ 193.59
49	310	LF	1-ALUM CONDUIT ALUMINUM RIGID	1.83	\$ 567.30
50	1112	EA	2" X 3" BASE SPACER CAT #BV2030	0.79	\$ 878.48
51	500	FT	PVC SCH40 3/4" X 20 UL BE CAT #4007520	0.20	\$ 100.00
52	24	EA	PVC COUPLING 3/4"	0.11	\$ 2.64
53	24	EA	PVC TERMINAL ADAPATER 3/4" CAT #CP07	0.20	 4.80
54	12	EA	PVC FEMALE ADAPTER 3/4" CAT #	0.21	\$ 2.52
55	24	EA	322 BRIDGEPORT 3/4 105D PLSTC BUSH	0.11	\$ 2.64
56	160	LF	3/4-ALUM CONDUIT ALUMINUM RIGID	1.26	\$ 201.60
57	45	EA	CEMENT CLEAR MED BODY QUART	9.42	\$ 423.90
58	200	LF	4-GRC GALV RIGID CONDUIT	21.78	\$ 4,356.00
59	1,000	FT	6-19 SD CU SIMPULL ™ THHN-THWN-2MTW-AWM BLACK	0.34	\$ 340.00
60	1,000	FT	6-19 SD CU SIMPULL ™ THHN-THWN-2MTW-AWM RED	0.34	\$ 340.00
61	1,000	FT	6-19 SD CU SIMPULL ™ THHN-THWN-2MTW-AWM BLUE	0.34	\$ 340.00
62	1,000	FT	6-19 SD CU SIMPULL ™ THHN-THWN-2MTW-AWM WHITE	0.34	\$ 340.00

Page 2 of 4

Item No.	Qty:	Unit:	Description 10269LN.PRESSUR	Unit Price:	t. Amount:
63	1,000	FT	6-19 SD CU SIMPULL ™ THHN-THWN-2MTW-AWM	0.34	\$ 340.00
64	1,000	FT	10 SOL SD CU THHN-THWN-AWM BLACK	0.13	\$ 130.00
65	1,000	FT	10 SOL SD CU THHN-THWN-AWM RED	0.13	\$ 130.00
66	1,000	FT	10 SOL SD CU THHN-THWN-AWM BLUE	0.13	\$ 130.0
67	1,000	FT	10 SOL SD CU THHN-THWN-AWM WHITE	0.13	\$ 130.0
68	1,000	FT	10 SOL SD CU THHN-THWN-AWM GREEN	0.13	\$ 130.0
69	2,500	FT	12 SOL SD CU THHN-THWN-AWM BLACK	0.08	\$ 200.0
70	2,500	FT	12 SOL SD CU THHN-THWN-AWM RED	0.08	\$ 200.0
71	2,000	FT	12 SOL SD CU THHN-THWN-AWM WHITE	0.08	\$ 160.0
72	2,000	FT	12 SOL SD CU THHN-THWN-AWM GREEN	0.08	\$ 160.0
73	300	EA	30-452 IDEAL WINGNUT 452 RED 300/JAR	0.15	\$ 45.0
74	8,000	FT	14 SOL SD CU THHN-THWN-AWM BLACK	0.05	\$ 400.0
75	8,000	FT	14 SOL SD CU THHN-THWN-AWM RED	0.05	\$ 400.0
76	8,000	FT	14 SOL SD CU THHN-THWN-AWM GREEN	0.05	\$ 400.0
77	7,000	EA	IDEAL 30-072 BLU 72B WIRE NUT-100BX	0.10	\$ 700.0
78	15,000	FT	16 SOL CU 2/C N/S CMR/CMG/CL3R/FPLR PVC RED	0.10	\$ 1,800.0
			1000 FT		
79	200	EA	30-452 IDEAL WINGNUT RED 100/BOX	0.21	\$ 42.0
80	5,000	FT	14 SOL CU 2/C OAS CMR/CL3R/FPLR PVC RED 1000   FT	0.22	\$ 1,100.0
81	100	EA	30-654 IDEAL WINGNUT 454 BLUE 100/BAG	0.48	\$ 48.0
82	200	EA	LHD5 DOTTIE 5-LB. DUCT SEAL UL LISTED	15.24	\$ 3,048.0
83	350	EA	WS12234 DOTTIE 1/2 X 2-3/4IN WEDGE ANCHORS FULL THREAD STAINLESS	9.38	\$ 3,283.0
84	500	EA	WS14214 DOTTIE 1/4 X 2-1/4IN WEDGE ANCHORS FULL THREAD STAINLESS	3.25	\$ 1,625.0
85	100	EA	RTV10 DOTTIE 10.3 OZ. RTV SILICON SEALANT CLEAR - CARTRIDGE	12.07	\$ 1,207.0
86	2	EA	LB-48CG BRIDGEPORT 3IN CND-BDY W/CVR	64.19	\$ 128.3
87	16	EA	LS-300-S-316-8 LINKSEAL STAINLESS WITH 5 INCH CORE DRILLED HOLE	10.00	\$ 160.0
00	2	ГЛ	1 SET = 8 LINKS 1258 BRIDGEPORT 3-IN CLAMP ENTR CAP	91.45	\$ 274.3
88	3	EA			\$ 168.0
89	4	EA	H300A T&B COND. FITTING	42.00	 162.2
90	5	EA	GC22A BURNDY 250-62 1/2-3-3 1/2-4PIP	32.44	\$ 380.5
91	19	EA	LB-46CG BRIDGEPORT 2IN AL BODT ASBLY	20.03	 
92	19	EA	LS-475-S-316-5 LINK SEAL 1 SET = 5 LINKS	26.50	\$ 503.5
93	44	EA	LB-43CG BRIDGEPORT 1IN AL BODY ASBLY	5.68	\$ 249.9
94	49	EA	LS-300-S-316-5 LINK SEAL  1 SET = 5 LINKS	10.00	\$ 490.0
95	600	FT	SEF-UA-GRY-1IN-100FT L/T QUOTED REELS OF 100'	2.40	\$ 1,440.0
96	77	EA	LTQ100-ICKON KONKORE 1IN SCREW ON LIQUID TIGHT - INSULATED THROAT	4.64	\$ 357.2
97	77	EA	LTQ10090-ICKON KONKORE 1IN SCREW ON LIQUID TIGHT 90 DEGREE - INSULATED THROAT	11.70	\$ 900.9
98	600	FT	SEF-UA-GRY-3/4-IN-100FT L/T	1.31	\$ 786.0
99	73	EA	LTQ75 - ICKON KONKORE 3/4IN SCREW ON LIQUID	2.87	\$ 209.5
100	73	EA	TIGHT 90 DEGREE - INSULATED THROAT LTQ7590-ICKON KONKORE 3/4IN SCREW ON	5.15	\$ 375.9
			LIQUID TIGHT 90 DEGREE		
101	100	EA	S-STRUT 702-1-SS RGD COND CLP 1IN	4.73	\$ 473.0
102	20	FT	PS-500-EH-10-SS P-STRUT STRUT 13/16IN X 1-5/8IN SS EHSLOT 10  Page 3 of 4	7.83	\$ 156.6

Item No.	Qty:	Unit:	Description 10269LN.PRESSUR	E ZONE REALIGNM Unit Price:	EXT. Amount:
103	10	EA	GRN 430 TWINE SPIRAL WRAP-1 PLY	43.52	\$ 435.20
104	140	EA	23-3/4X30FT 3M RUBBER SPLICING TAPE 3/4" X 30' BLACK	16.16	\$ 2,262.40
105	140	EA	33+SUPER-3/4X66FT 3M VINYL TAPE 3/4" X 66'	5.67	\$ 793.80
106	29	EA	50-UNPRINTED-2X100FT-BOX 3M CORROSION PROTECTION TAPE BOXED 2"X100'	25.19	\$ 730.51
107			NO BID		NO BID
108	19	EA	CRS-H RE62 2" TO 3/4" REDUCING BUSHING	27.94	\$ 530.86
109	44	EA	CRS-H RE32 1" TO 3/4" REDUCING BUSHING	5.59	\$ 245.96
V110	<b>√</b> 5√	EA	BRDGPORT 1256 2-IN CLAMP ENTR CAP	17.90	\$ 89.50
111	1	EA	POLE 35FT MCWANE #H9035W NATURAL WEATHERED FINISH WITH DUCTILE IRON CAP	2,865.69	\$ 2,865.69
112	1	EA	POLE 55FT MCWANE #H9055W NATURAL WEATHERED FINISH WITH DUCTILE IRON CAP	5,558.57	\$ 5,558.57
			OPTIONS FOR MCWANE POLES		
			JACKING KIT FOR MCWANE POLES	227.27	
			POLE 35FT MCWANE #H9035G GREY FINISH WITH DUCTILE IRON CAP	3,400.19	
			POLE 55FT MCWANE #H9055G GREY FINISH WITH DUCTILE IRON CAP	6,206.59	
			TOTAL FOB FACTORY		\$ 84,523.74
			INLAND FREIGHT		\$ 3,382.03
			HAZARDOUS DRAYAGE FEE FOR ITEM 57 PVC CEMENT		\$ 176.47
			LOADING		\$ 1,000.00
			OCEAN FREIGHT		\$ 9,318.18
			INSURANCE		\$ 688.80
			CIF GL	JAM JOBSITE	\$ 99,089.22

#### THANK YOU, LAURIE NOPPER

\*\*NOTE: SELL PRICES ON COMMODITY BASED MATERIAL MAY FLUCTUATE RELATIVE TO MARKET LEVELS AT TIME OF ORDER PLACEMENT - IN ADDITION THIS QUOTATION IS SUBJECT TO STOCK ON HAND AT TIME OF QUOTE AND IS BASED ON THE QUANTITY SHOWN ABOVE. ANY CHANGES TO QUANTITY MAY EFFECT PRICE AND LEAD TIME.

19075RL.03



## **QUOTATION**

8600 SW SALISH LANE SUITE #1, WILSONVILLE, OR 97070

Phone: 503-826-5710 Fax: 971-224-4604

E-mail: Rattu@IndigopPiping.com

DATE:

4/20/2022

QUOTE NO: 19075RL.03

GUAM REP: CRW TRADING TEL:(671) 649-1245 FAX:(671) 649-1246 MOBILE:(671) 688-1320

CUSTOMER

SUMITOMO MITSUI CONSTRUCTION CO., LTD.

ATTN.: POMPEYO J. BARROGA SR.

pjbarroga@smccguam.com

**SHIP TO** 

**GUAM PORT (JOBSITE DELIVERY NOT INCLUDED)** 

**CUSTOMER JOB REF:** 

**SHIP VIA:** 

TERMS OF PAYMENT:

PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1

**OCEAN** 

**AS AGREED** 

**LEAD TIME:** 

VALIDITY:

14 TO 16 WEEKS EX-FACTORY ARO & SUBMITTAL APPROVAL

**IMMEDIATE ORDER** 

ltem #	Qty:	Unit:	Description	Unit Price:	Ext. Amount:
1.	1	EA	6" HYMAX 2 COUPLING, STEEL CENTER AND END RINGS, EPDM GASKET, 304 STAINLESS STEEL FASTENERS, 260 PSI, 6.42" TO 7.68" OD RANGE, FITS 7.64"OD ASBESTOS PIPE, PART # 860-54-0163-16	326.24	\$ 326.24
2.	1	EA	8" X 8" X 6"(BRANCH) TEE, DUCTILE IRON, AWWA C153 COMPACT MJ FITTING, CEMENT LINED IN AND ASPHALTIC COAT OUT, MJ X MJ X MJ WITHOUT MJ ACCESSORIES, USA MADE, # 670610- 074304	326.43	\$ 326.43
3.	2	SET	8" MEGALUG MJ RESTRAINT DEVICE FOR DI MJ FITTING X PVC C900 PIPE, DUCTILE IRON GLAND & WEDGE WITH MEGA-BOND COATING, 235 PSI RATED, INCLUDING STANDARD MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 2008PEC, USA MADE	97.85	\$ 195.70
4.	1	SET	6" MEGALUG MJ RESTRAINT DEVICE FOR DI MJ FITTING X PVC C900 PIPE, DUCTILE IRON GLAND & WEDGE WITH MEGA-BOND COATING, 235 PSI RATED, INCLUDING STANDARD MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 2006PEC, USA MADE	73.06	\$ 73.06
5.	2	EA	12" X 12" X 12" TEE, DUCTILE IRON, C153 MJ FITTING, CEMENT LINED AND ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ ACCESSORIES, USA MADE, # 670610-074540	852.35	\$ 1,704.70

19075RL.03

ltem #	Qty:	Unit:	Description	Unit Price:	Ext	t. Amount:
6.	14	SET	12" MEGALUG MJ RESTRAINT DEVICE FOR <b>DI MJ FITTING</b> X <b>PVC C900 PIPE</b> , DUCTILE IRON GLAND & WEDGE WITH MEGA-BOND COATING, 235 PSI RATED, INCLUDING STANDARD MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 2012PEC, USA MADE	174.93	\$	2,449.02
9.	1	EA	16" X 14" MJ REDUCER, DUCTILE IRON, AWWA C153 COMPACT MJ FITTING, CEMENT LINED IN AND ASPHALTIC COAT OUT, MJ X MJ WITHOUT MJ ACCESSORIES, USA MADE, # 670610-077985	979.29	\$	979.29
10.	1	SET	16" MEGALUG MJ RESTRAINT DEVICE FOR DI MJ FITTING X PVC C900 PIPE, DUCTILE IRON GLAND & WEDGE WITH MEGA-BOND COATING, 235 PSI RATED, INCLUDING STANDARD MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 2016PEC, USA MADE	337.33	\$	337.33
11.	1	SET	14" MEGALUG MJ RESTRAINT DEVICE FOR DI MJ FITTING X PVC C900 PIPE, DUCTILE IRON GLAND & WEDGE WITH MEGA-BOND COATING, 235 PSI RATED, INCLUDING STANDARD MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 2014PEC, USA MADE	258.85	\$	258.85
12.	1	SET	14" EBAA 1100 SERIES MEGALUG MJ RESTRAINT DEVICE FOR DI MJ FITTING X DUCTILE IRON PIPE, DUCTILE IRON GLAND & WEDGE WITH MEGABOND COATING, 350 PSI RATED, INCLUDING MJ ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA # 1114DEC, USA MADE	198.83	\$	198.83
			TOTAL FOB FACTORY  OCEAN & INLAND FREIGHT, RECEIVING & LOADING, PACKAGING & HANDLING, INSURANCE		\$	<b>6,849.45</b> 2,533.46
1			TOTAL CIF GUA	M VIA OCEAN	\$	9,382.91
1	GREATE DATELIN QUOTE. PERIOD	R LEVE NE/INDIO SHOU! PLEAS!	CING AND AVAILABILITY REMAINS EXTREMELY VOLATELS OF STABILITY WITHIN THE CONSTRUCTION MATE GO IS ONLY ABLE TO OFFER QUOTE VALIDITY AS IND LD AN AWARD OR EVALUATION TAKE PLACE AFTER E CONTACT OUR OFFICE FOR UPDATED PRICING WISTMENT BASED ON CURRENT PRICING.	ERIALS MARKI DICATED ON A THE SUBJECT	ETS NY G VALI	IVEN DITY
( 	OF ANY EQUITA	DELAYS	DF COVID-19 CANNOT BE REASONABLY DETERMINED S OR ADVERSE PRICE IMPACTS, DATELINE/INDIGO R JUSTMENT OF THE DELIVERY SCHEDULE AND PRICE OVID-19 DELAYS, WITHOUT FAULT OR PENALTY OF A	ESERVES THE S HEREIN TO	RIG	HT FOR AN
			PRICE EXCLUDES LOCAL DUTY		-	
			PRICES GOOD FOR QUANTITIES QUOTED ONLY		_	

#### THANK YOU, RATTU LAMA

\*\*NOTE: SELL PRICES ON COMMODITY BASED MATERIAL MAY FLUCTUATE RELATIVE TO MARKET LEVELS AT Page 2 of 3  $\,$ 

19075RL.03

Item #	~-7:	Unit:		Unit Price:	Ext. Amount:
QUOTE		ASED O	IENT - IN ADDITION THIS QUOTATION IS SUBJECT TO S N THE QUANTITY SHOWN ABOVE. ANY CHANGES TO C		



Page: 1 of 4

#### ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070 15501 SAN PABLO AVE, SUITE G-336 RICHMOND, CA 94806

Ph: 503-826-5710 Fax: 971-224-4604 Email: rattu@indigopiping.com SalesPerson: RATTU LAMA DATE O.A.NO 05/05/2022 **00021200** 

BILL TO: SUMITOMO MITSUI CONST. CO. LTD

PO BOX 9670 TAMUNING, GU 96931

Ph: 671-649-7251

SHIP TO:SUMITOMO MITSUI CONST. CO. LTD PO BOX 9670

TAMUNING, GU 96931

Ph: 671-649-7251

ATTN:RECEIVING/WAREHOUSE

CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS
PZRC - PHASE 1	PZR-056	NET 30 DAYS ADI

	SHIPPED VIA	CARRIER	ETA	
H	OCEAN FREIGHT			

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
1.	1		EA	6" HYMAX 2 COUPLING, STEEL CENTER	326.24	\$326.24
				AND END RINGS, EPDM GASKET, 304 STAINLESS		
				STEEL FASTENERS, 260 PSI, 6.42" TO 7.68"		
				OD RANGE, FITS 7.64"OD ASBESTOS PIPE,		
		15		PART # 860-54-0163-16		
2.	1		EA	8" X 8" X 6"(BRANCH) TEE, DUCTILE	326.43	\$326.43
				IRON, AWWA C153 COMPACT MJ FITTING, CEMENT		
				LINED IN AND ASPHALTIC COAT OUT, MJ X MJ X		
				MJ WITHOUT MJ ACCESSORIES, USA MADE, #		
				670610-074304		
3.	2		SET	8" MEGALUG MJ RESTRAINT DEVICE FOR DI	97.85	\$195.70
				MJ FITTING X PVC C900		
				PIPE, DUCTILE IRON GLAND & WEDGE WITH		
				MEGA-BOND COATING, 235 PSI RATED,		
				INCLUDING STANDARD MJ ACCESSORIES (GASKET,		
				ALLOY STEEL T-BOLTS & NUTS), EBAA #		
				2008PEC, USA MADE		
QUOTE REF: 19	9075RL.03					

THANK YOU, RATTU LAMA



Page: 2 of 4

### ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070 15501 SAN PABLO AVE, SUITE G-336 RICHMOND, CA 94806

Ph: 503-826-5710 Fax: 971-224-4604 Email: rattu@indigopiping.com SalesPerson: RATTU LAMA

**OCEAN FREIGHT** 

DATE O.A.NO 05/05/2022 **00021200** 

BILL TO: SUMITOMO MITSUI CONST. CO. LTD
PO BOX 9670
TAMUNING, GU 96931

SHIP TO:SUMITOMO MITSUI CONST. CO. LTD
PO BOX 9670
TAMUNING, GU 96931

CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS	3	
PZRC - PHASE 1	PZR-056	NET 30 DAYS ADI		
SHIPPED VIA	CARRI	ER	ETA	

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
4.	1		SET	6" MEGALUG MJ RESTRAINT DEVICE FOR DI	73.06	\$73.06
				MJ FITTING X PVC C900		
				PIPE, DUCTILE IRON GLAND & WEDGE WITH		
				MEGA-BOND COATING, 235 PSI RATED,		
				INCLUDING STANDARD MJ ACCESSORIES (GASKET,		
				ALLOY STEEL T-BOLTS & NUTS), EBAA #		
				2006PEC, USA MADE		
5.	2		EA	12" X 12" X 12" TEE, DUCTILE IRON,	852.35	\$1,704.70
				C153 MJ FITTING, CEMENT LINED AND		
				ASPHALTIC COATED, MJ X MJ X MJ WITHOUT MJ		
				ACCESSORIES, USA MADE, # 670610-074540		
6.	14		SET	12" MEGALUG MJ RESTRAINT DEVICE FOR DI	174.93	\$2,449.02
				MJ FITTING X PVC		
				C900 PIPE, DUCTILE IRON GLAND & WEDGE WITH		
				MEGA-BOND COATING, 235 PSI RATED,		
				INCLUDING STANDARD MJ ACCESSORIES (GASKET,		
				ALLOY STEEL T-BOLTS & NUTS), EBAA #		
				2012PEC, USA MADE		

#### THANK YOU, RATTU LAMA



Page: 3 of 4

#### **ORDER ACKNOWLEDGEMENT**

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070 15501 SAN PABLO AVE, SUITE G-336 RICHMOND, CA 94806

Ph: 503-826-5710 Fax: 971-224-4604 Email: rattu@indigopiping.com SalesPerson: RATTU LAMA DATE O.A.NO 05/05/2022 00021200

BILL TO: SUMITOMO MITSUI CONST. CO. LTD

PO BOX 9670

TAMUNING, GU 96931

Ph: 671-649-7251

PO BOX 9670
TAMUNING, GU 96931

Ph: 671-649-7251

ATTN:RECEIVING/WAREHOUSE

CUSTOMER JOB REF	CUSTOMER P.O.	PAYMENT TERMS
PZRC - PHASE 1	PZR-056	NET 30 DAYS ADI

SHIPPED VIA	CARRIER	ETA
OCEAN FREIGHT		

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
9.	1		EA	16" X 14" MJ REDUCER, DUCTILE IRON,	979.29	\$979.29
				AWWA C153 COMPACT MJ		
				FITTING, CEMENT LINED IN AND ASPHALTIC		
				COAT OUT, MJ X MJ WITHOUT MJ ACCESSORIES,		
				USA MADE, # 670610-077985		
10.	1		SET	16" MEGALUG MJ RESTRAINT DEVICE FOR	337.33	\$337.33
				DI MJ FITTING X PVC C900 PIPE, DUCTILE		
				IRON GLAND & WEDGE WITH MEGA-BOND COATING		
				235 PSI RATED, INCLUDING STANDARD MJ		
				ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS &		
				NUTS), EBAA # 2016PEC, USA MADE		
11.	1		SET	14" MEGALUG MJ RESTRAINT DEVICE FOR	258.85	\$258.85
				DI MJ FITTING X PVC C900 PIPE, DUCTILE		
				IRON GLAND & WEDGE WITH MEGA-BOND COATING		
				235 PSI RATED, INCLUDING STANDARD MJ		
				ACCESSORIES (GASKET, ALLOY STEEL T-BOLTS &		
				NUTS), EBAA # 2014PEC, USA MADE		

QUOTE REF: 19075RL.03

#### THANK YOU, RATTU LAMA



Page: 4 of 4

#### ORDER ACKNOWLEDGEMENT

8600 SW SALISH LANE SUITE #1 WILSONVILLE, OR 97070 15501 SAN PABLO AVE, SUITE G-336 RICHMOND, CA 94806

Ph : 503-826-5710 Fax : 971-224-4604

Email: rattu@indigopiping.com SalesPerson: RATTU LAMA

DATE	O.A.NO
05/05/2022	00021200

BILL TO: SUMITOMO MITSUI CONST. CO. LTD

PO BOX 9670 TAMUNING, GU 96931

Ph: 671-649-7251

SHIP TO:SUMITOMO MITSUI CONST. CO. LTD PO BOX 9670

TAMUNING, GU 96931

Ph: 671-649-7251 ATTN:RECEIVING/WAREHOUSE

NET 30 DAYS ADI		
_		

SHIPPED VIA CARRIER ETA
OCEAN FREIGHT

ITEM NO.	QTY	B/O	UNIT	DESCRIPTION	UNIT PRICE	EXT AMOUNT
12.	1		SET	14" EBAA 1100 SERIES MEGALUG MJ	198.83	\$198.83
				RESTRAINT DEVICE FOR DI MJ		
				FITTING X DUCTILE IRON PIPE, DUCTILE IRON		
				GLAND & WEDGE WITH MEGA-BOND COATING, 350		
				PSI RATED, INCLUDING MJ ACCESSORIES		
				(GASKET, ALLOY STEEL T-BOLTS & NUTS), EBAA		
				# 1114DEC, USA MADE		
				SUBTOTAL:		\$6,849.45
				OCEAN & INLAND FREIGHT, RECEIVING & LOADING,		\$2,533.46
				PACKAGING & HANDLING, INSURANCE		
				TOTAL CIF GU	AM JOBSITE:	\$9,382.91

QUOTE REF: 19075RL.03

#### THANK YOU, RATTU LAMA



## SUMITOMO MITSUI CONSTRUCTION CO.,LTD.

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

#### **PAYMENT REQUEST**

DATE:

February 23, 2021

		CIV	IL .	BUILDING							
	PROJECT NO.		PROJECT NAME	PROJECT NO.		PROJECT NAME					
	44115005	ASR-WWTP	Agat Santa Rita Wastewater Treatment	44217004	TSUBAKI	Tsubaki Hotel Tower Interior					
	44117002	BGWW 3	GWA Baza Gardens Phase 3	44218020	MGC-CES	Mangilao Golf Club Spa Construction					
	44119004	P-270	NAVFAC ACE Gym & Dining Facility	44219009	SGI-USA	Guam SGI-USA Buddhist Center					
	44119005	GCM 19-4	Guam Civil Misc Works 4th Quarter	44219010	MISC-2-19-4	Misc Project (01/20-03/20 Others)					
XX	44119007	PZR	GWA Pressure Zone Realignment	44219011	MISC-1-19-4	Misc Project (12/19-02/20 LeoPalace)					
	44120002	BPS	GWA Bayside Pump Station	44219013	HGR1	Hyatt Regency Guam Room Renovation					
	44210004	GUMRWY6	Rehabilate Runway 6L/24R Phase I	44219015	MISC-2-20-2	Misc Project (02/20-08/20 Others)					
				44219018	MISC-1-20-2	Misc Project (04/20-05/20 LeoPalace)					
				44219020	DDDGP	Don Don Donki					
				44220001	MISC-2-20-1	Misc Project (04/20-05/20 Others)					
9											
34											
_											
				44517006	REEF	Guam Reef Hotel					

OTHERS PROJECT NO. PROJECT NAME 44062406 GUAM OFFICE INT'L ADMINISTRATION DEPT.
GUAM OFFICE COMMON EXPENSE
INT'L CIVIL DEPT. 44001000 H.O. 44240406 44039110 H.O. 44053000 H.O. INT'L BUILDING DEPT 44055000 PMS PMS Department

PAYEE: HW LEE CONSTRUCTION

GEN	ERAL MANAGE	R	PROJECT MANAGER	MR. ENOKI	MR. HAYASHI	MR. ASNANI
			(Mynn)			
JO	URNAL CODE		VOUCHER/NUMBER		CHECK	NUMBER
	8613					
PROJECT NAME	ACCOUNT CODE	PO/CO NUMBER	DESCRIPTION		(PAYMENT) DEBIT	(REFUND) CREDIT
PZR	559-02	SCO-01	Subcontract work - Pay application # 4		12,150.00	
= -						
=	= =					
			TOTAL:		12,150.00	0.00
					NET:	12,150.00

		Contractor	's Application fo	a cayment No.	4	
		Application Period:	pp	Application Date: 2/11/2021		
GUAM WATERWORKS AUTHORITY		From (Sub Contractor): HW LEE CONSTRUCTOR OF THE CO	CTION	Via (Engineer): SUMITOMO MITSUI CO	ONSTRUCTION	CO, LTD.
PRESSURE ZONE REA	LIGNMENT PHASE I					
v - E						
<u> </u>	Application For Payme Change Order Summa					
proved Change Orders			I ODICINAL CONTRA	ACT BDICT		
Number	Additions	Dulmin	·	ACT PRICE		\$130,000.00
1	\$8,000,00	Deductions		· Orders		\$8,000,00
			3. Current Contract Pric	re (Line 1 ± 2)	\$	\$138,000,00
			4. TOTAL COMPLETE	D AND STORED TO DATE		
			(Column F total on Pr	ogress Estimates)	\$	\$96,000,00
			5. RETAINAGE:			
			a. 10%	X \$96,000,00 Work Completed	\$	\$9,600.00
			b. 10%			Ψημημική
				Retainage (Line 5.a + Line 5.b)		\$9,600.00
00	\$8,000,00			TO DATE (Line 4 - Line 5.c)		\$86,400.00
TOTALS			7. LESS PREVIOUS PA	YMENTS (Line 6 from prior Application)	\$	\$74,250,00
NET CHANGE BY		\$8,000.00	8. AMOUNT DUE THIS	APPLICATION	\$	\$12,150.00
CHANGE ORDERS			9. BALANCE TO FINISI	I, PLUS RETAINAGE		
			(Column G total on Pro	ogress Estimates + Line 5.c above)	S	\$51,600,00
			_			4.7 (HALUU
Title to all Work, materials and equipment	rom Owner on account of Work done un incurred in connection with the Work cox- incorporated in said Work, or otherwise are of all-Liens, security interests, and en- ting any such Liens, security interests, and	listed in or covered by this Application for Payment, will aumbrances texcept such as are covered by a bond				
b Contractor Signature						
Mr. HEE WOO LEE		Date: 2/12/2021				

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved. Page 1 of 1

#### Progress Estimate - Unit Price Work

#### Contractor's Application

	PRESSURE ZONE REALIGNMENT PHASE	E 4												Application Number:	4		
sheation Period														Application Date:	4423N	-	
			٨								В	c	D	В	F		
	Hem						Contract li	dermation			-						
Hid Item No	Description	SPECS SECTION	Item Quantity	Units	UNITS MATERIALS	MATERIALS	LABOR	LABOR	UNITS	TOTAL	fistal Value of flem (\$)	Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	(F/B)	Halance to Pira (B - F)
Α	CIVIL WORKS	112												100			183,12
	8' X 10' X 9' CONTROL BUILDING KAISER SITE	No.										-			2 2 2		
1.1	REBAR AND FORM PADRICATION			-		100											
1.2	RIBAR, FORM AND CONCRETING THORING		-	LOT			\$5,000.00	\$5,000.00		1415	\$5,000.00	1	\$5,000.00	ESTE O MUSS	\$5,000.00	100.0%	King in a
1.3	RIBAR, FORM AND CONCRITING WALL		1	LOT			\$3,000 00	\$3,000.00			\$1,000.00	1	\$3,000.00	Factor Low Pro-	\$3,000.00	100.0%	
1,4	REBAR, FORM AND CONCRETING ROOF		<del></del>	LOT			\$1,000.00	\$3,000.00			\$3,000,00	1	\$3,000.00	Sulp Cy	\$3,000.00	100,0%	Sale of the sale
1.5	DOOR AND BREEZE BLOCK INSTALLATION			LOT			\$1,000.00	\$5,000.00		11 - 100	\$3,000.00		52 Q Q I			7 to 2	\$3,000.00
1.6	FINISHING AND PAINTING		-	LOT			\$256.80	\$2,000.00			\$1,000.00		2. (	225	G = -0)\$	5-476	.51,000.00
2	8' X 10' X 9' CONTROL BUILDING CARNATION			1,171	or some		\$2.50 AG	\$256.80			\$256,80		STEED OF		SECUL CAPE	7.00	\$256,80
1.1	REBAR AND FORM FAHRICATION		1	LUT			\$5,000.00	\$5,000 DO	No. of Contract of	-	Charles and the	A COLUMN	200			Per	
1.2	REBAR, FORM AND CONCRETING HOUTING		1	1.00			\$3,000.00	53,000.00		-	\$5,000,00	1	\$5,000.00	0 16 CO-16	\$5,000.00	100.0%	See The Later
1,3	REBAR, FORM AND CONCRETING WALL.		-	LOT			53,000.00	\$3,000,00			(X).(X(I), F.2	1	- \$3,000.00	E SENTE	\$3,000.00	100.0%	Zaraliho-2
1.4	REBAR, FORM AND CONCRETING ROOF		<del>-</del>	LOT			\$3,000.00	\$3,000.00			\$3,000.00			All the second	Bull-Files	2700 00	\$3,000.00
1.5	DOOR AND BREEZE BLOCK INSTALLATION		-	LOT			\$1,000.00	\$1,000.00			\$3,000.00			The same of		657.74	\$3,000.00
1.6	FINISHING AND PAINTING			LOT			\$256.80	3256.80			\$1,000,00	-		E E E E	All more blong	040 5	\$1,000.00
3	METER VAULT MARBO PRV 76			13.71			32,95,80	\$250.80			\$256,80	- 1	N. S.		PART DES	1000	\$256.80
3.1	REBAR AND FORM FABRICATION		1	LOT			\$3,000.00	\$5,000.00								10000	
3.2	REBAR, FORM AND CONCRETING TROOTING WALL I		-;	LOT		_	\$2,000.00	\$2,000.00			\$3,000.00	8 31	\$3,000.00	SOUTH FARES	\$3,000.00	100 0%	Michigan 9
3.4	REBAR, FORM AND CONCRETING WALL 2		-	LOT		13/11	\$2,000 00			-	S2,000,00	1	\$2,000.00		\$2,000,00	1202	Sign William
14	REBAR, FORM AND CONCRETING TOP SLAB		1	LOT			\$2,000.00	\$2,000.00			\$2,000.00	1	\$2,000,00	120	\$2,000,00	100 0%	color dispute
3.5	HATCILCOVER AND LADDER INSTALLATION		-	1.01			\$500.00	\$500 00			\$2,000.00	1	\$2,000.00	HUE HAR IN	\$2,000.00	100.0%	San Miles
1.6	FINISTUNG			LOT			\$500.00	5500.00		2.4	\$500.00				WHAT COME	Supering the	\$500.00
4	PRV 15 TOP SLAB MODIFICATION			7,11			SHATE	SWILLIAN			\$500,00		2/20	DESK POSTERNI	SO THE HOLD	Excess a	\$500,00
4.5	HATCILCOVER AND LADDER INSTALLATION		1 2	Lor			\$500 00	\$500.00						E CONTRACTOR			
4.6	PINISHING	7,	1	LOT			\$ 68 80	\$168.80			\$500.00		SACTOR S		Disk Sep	976717	\$500.00
5	METER VAULT KAISER PRV 43A		20 - Carre				3 MIN NO	2 108 80			\$368,80		FIELD FLIM	Dieta - Nethin	MEN EAR	345.01	\$368 80
5.1	REBAR AND FORM FABRICATION			Lot			\$3,000.00	\$3,000.00							1700 THE 18	PERMIT	
5.2	REBAR, FORM AND CONCRETING POOTING WALL I		1	LOT			\$2,000.00	\$2,000.00			\$3,000.00	1.	\$3,000.00		\$3,000.00	100.0%	and Moderate
5.3	REBAR, FORM AND CONCRETING WALL 2	= -	1	1.01			\$2,000.00	\$2,000.00			\$2,000.00		\$2,000.00		\$2,000,00	100.0%	
5.4	REBAR, FORM AND CONCRETING TOP SLAB		1	LOT			\$2,000.00	\$2,000 (0)			\$2,000,00	1	\$2,000.00	EG STEE	\$2,000.00	100.0%	Sand Sh
5.5	HATCH COVER AND LADDER INSTALLATION	H II	1	LOT			\$500.00	\$500.00			\$2,000.00 \$500.00	0.5	\$1,000.00		\$1,000.00	50.0%	\$1,000.00
5.6	FINISHING	THE PARTY	1	LOT		NTE C	\$500.00	\$500.00			\$500.00		To Vision To		RE-HELICIAN	JUNE S	\$500,00
6	METER VAULT KAISER PRV 43B							3.447.447			\$500,00		2010 200		Strading Rule	Address of	\$500.00
61	REHAR AND FORM FABRICATION		1	LOT			\$3,000,00	\$1,000.00					The second				
6.2	REHAR, FORM AND CONCRETING FOOTING WALL I		1	LOT			\$2,000 00	\$2,000.00		10.00	\$1,000,00		\$3,000.00		00.000,£2	100.0%	
6.3	REBAR, FORM AND CONCRETING WALL, 2		1	LOT			\$2,000.00	\$2,000,00			\$2,000.00	1	\$2,000.00		\$2,000,00	100.0%	2000110-04
6.4	REBAR, FORM AND CONCRETING TOP SLAB		-	LOT			N2,000 00	\$2,000.00			\$2,000.00	1	\$2,000.00		\$2,000 00	1000	one in the
6,5	HARTLCOVER AND LADDER INSTALLATION			LOT			\$500.00	\$500.00			\$2,000.00	0,5	\$1,000.00	E PER	\$1,000.00	50.0%	\$1,000,00
6+ le-	FINISHING		1	LOTE			\$500 00	\$500.00			\$500 00				STAN ENGL	100000	\$500,00
	METER VAULT KAISER PRV 80					STREET, SQUARE,		7,887187			22(8) (8)		100	124	15-25	KEYE V	\$500,00
	REHAR AND FORM FAHRICATION		,	1.01			N3,000 00	\$3,000.00			\$1,000.00					6 6 6	
7.2	REBAR, FORM AND CONCRETING FOOTING WALL.		1	LOT			\$2,000.00	\$2,000 00			\$2,000.00		\$3,000.00	100	\$3,000,00	100.0%	Short Short
7.1	REBAR, FORM AND CONCRETING WALLS		1	1.07			\$2,000,00	\$2,000.00			\$2,000.00		\$2,000.00		\$2,000.00	100.0%	
7.4	REBAR, FORM AND CONCRETING TOP SLAB		1	LOT			\$2,000.00	\$2,000 00			\$2,000.00	0.5	\$2,000.00		\$2,000.00	100,0%	
7.5	HATCH, COVER AND LADDER INSTALLATION			LOT	= 130	-	\$500.00	\$500 gg			\$500,00	0.3	\$1,000.00	1000	\$1,000.00	50.0%	\$1,000.00
	HISTING		1	LOT	0 = 1 0 =	41 1 2	5500 00	\$500.00			\$500.00			111111111111111111111111111111111111111	POUR COOK	- FILE	\$500,00
	METER VAULT KAISER 79		35 of		E CONTRACT	The second	Charles and the	2500	A CONTRACTOR OF THE PARTY OF TH		3,787.487				NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,	WY S	\$500.00
	REBAR AND RORM PARRICATION		1	LOT			\$3,000.00	\$3,000.00			\$3,000.00	The second	£3.488				THE WAY TO
ж 2	REBAR, FORM AND CONCRETING FOOTING WALL I		1	LOT			\$2,000.00	\$2,000.00			\$2,000 00	1	\$3,000.00	more rolling	\$3,000.00	100.004	SHIPS FOR LINE
	REHAR, FORM AND CONCRETING WALL 2		)	TO,1			\$2,000.00	\$2,000.00			\$2,000.00	1	\$2,000.00	201	\$2,000.00	100.0%	
	REBAR, FORM AND CONCRETING TOP SLAB		1	LOT			52,000 00	\$2,000.00			\$2,000.00		\$2,000,00		\$2,000.00	320,001	PATE TALE
	TATETLEOVER AND LADDER INSTALLATION		1	LOT			\$500.00	\$500.00			\$500,00	- 1	\$2,000.00		\$2,000.00	100.0%	
8.6	INISHING		1	LOT			\$500.00	\$500.00			\$500,00				and the later	100 S 14	\$500.00

FICEN to C620 Contractors Application for Psyment so 2013 National Society of Professional Engineers for ERCDC. All rights reserved. Page 1 of 2

#### Progress Estimate - Unit Price Work

#### Contractor's Application

	PRESSURE ZONE REALIGNMENT PHASE !														Application Number: 4			
ication Period														Application Date: 44238				
A B C D														16	P			
	Ben			-			Contract	ntornston				-	-				0.00	
Ind Item No.	Description	SPECS, SECTION	Bein Quantity	Units	UNITS	TOTAL MATERIALS	UNITS	TOTAL	UNITS	TOTAL	Total Value of Item (S)	Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date	% (F/H)	Halance to Fin	
9	METER VAULT CLARA PRV		Contraction of the last			min crunco	GAGON	CABOA	EGDIPMENT	EQUIPMENT	01 (610 (5)	(IRESIE'U	1 50		(1) + (2)			
91	REBAR AND FORM FABRICATION		-	LUTE	Andrew Control									Hard Control of	THE RESERVE OF		Control and	
92	REBAR, FORM AND CONCRETING FOOTING WALL I		<u>'</u>	_		-	\$3,000.00	\$3,000.00			\$3,000.00	1	\$4,000.00		\$3,000.00	100.0%		
9,3	REBAR, FORM AND CONCRETING WALLS	-	-	LOT			\$2,000.00	\$2,000,00			\$2,000.00	1	\$2,000.00		\$2,000.00	100.0%	10 mm	
9.4	REHAR, FORM AND CONCRETING TOP SLAH	-	-	LOT		-	\$2,000.00	\$2,000.00			\$2,000.00	1	\$2,000.00		\$2,000.00	100,0%		
9.5	HAITTLCOVER AND LADDER INSTALLATION	-	1	Lor			\$2,000.00	\$2,000.00			\$2,000 00	I I	\$2,000.00	A	\$2,000.00	100.0%		
9.6	PINISIUNG	-	1	LOT			\$500.00	\$500 (0)	10		\$500.00						\$500,00	
10	METER VAULT YSENGSONG PRV		-	LOT			\$500.00	\$500.00			\$500,00			diam'r	-		5500.00	
10.1	RIBAR AND FORM FABRICATION			1000				and the second				2 3 3 3	1000000	25.25.00	And Description		3,487,007	
102	REBAR, FORM AND CONCRETING PROTING WALL I	-	- 1	LOT			\$3,000.00	\$3,000.00		P	\$3,000.00	1	\$3,000.00		\$3,000.00	100.0%		
10.3	REBAR, FORM AND CONCRETING WALL 2		1	LOT			\$2,000 00	\$2,000.00			\$2,000.00		- 22			1	\$2,000,00	
10.4	REBAR, FORM AND CONCRETING TOP SLAB			TOL.		1007	\$2,000 00	\$2,000 00			\$2,000.00						\$2,000.00	
10.5	HATCHCOVER AND LADDER INSTALLATION		1	LOT			\$2,000 00	\$2,000,00			\$2,000.00						\$2,000.00	
10.6	I-INISHING		1	LOT			\$500.00	\$500.00			\$500.00							
THE STATE OF	MRTER VAULT OKKODO PRV MMOR.		1	LOT			\$500,00	\$5(0),(0)			\$500.00		-				\$500.00	
10.1	REBAR AND FORM FAURICATION		11474					10000	STEWN CO.		E COLUMN ST	22 1000	Total Park	Constitution of the last	Control of the last	and the same	\$500.00	
10.2			- 1	LOT			\$3,000.00	53,000.00		100	\$3,000.00		-			10000	Service Manager	
10.3	REBAR, FORM AND CONCRETING FOOTING WALL I REBAR, FORM AND CONCRETING WALL 2		- 1	LOT			\$2,000.00	\$2,000.00			\$2,000,00						\$3,000.00	
10.4	REBAR FORM AND CONCRETING TOP SLAD		1	LOT			\$2,000.00	\$2,000.00			\$2,000.00	-					\$2,000.00	
10.5			1	1.07			\$2,000.00	\$2,000.00			\$2,000,00				-		\$2,000.00	
10.6	HATCH COVER AND LADDER INSTALLATION		1	LOT			\$500.00	\$500.00			SSOCIOO					-	\$2,000.00	
	PINISHING		1	Lor.			\$500.00	\$500.00			\$500.00		-				\$500.00	
12	TOP SLAB OKKODO PRV 30							0	10.00		3,841,87						\$500.00	
10.1	REBAR AND FORM FABRICATION		1	LOT			\$200.00	\$200,00			\$200.00		Part and the last		440			
10.4	REBAR, FORM AND CONCRETING TOP SLAB	2 - 2 - 2 - 1	1	LOT			\$3(81.00)	\$300.00			\$300.00		-				\$200.00	
10.5	HATCHCOVER AND LADDER INSTALLATION		1	LOT		-	\$300,00	\$300.00									\$300.00	
10.6	FINISIUNG		1	LOT			\$100.00	\$100.00	-	-	5300.00						\$300.00	
13	OKKODO SCADA FOUNDATION	A COLUMN TO SERVICE STATE OF THE PARTY OF TH		Section 1			TIMPIN	STORTING			\$100,00					1	\$100.00	
10.1	REBAR AND FORM FABRICATION		1	LOT		-	\$1,000.00	F1 4000	-	La constitue		L X 45			S S S IV			
10.4	CMU INSTALLATION AND PRISHING		1	Lor			SROS 60	\$1,000.00	-	-	\$1,000.00						\$1,000.00	
- 14	HANDHOLE PARRICATION 13 EA		-	100000	0.000		2802 (4)	\$805.60			\$805.60			0.0		1	\$805.60	
10.1	RIGHAR AND FORM FABRICATION		1	1,01		Carried Street, or other teaching	47114 1001 100		ALC: NO.	Your Bally		100				The second		
	REBAR, FORM AND CONCRETING TOP SLAB		$\rightarrow$	LOT			\$10,000.00	\$10,000.00	-		\$5,000 00	- 1	\$5,000.00	1 2-1	\$5,000.00	100,095		
10.6	PINISHING		-	LOT			55,000 00	\$5,000.00			\$10,000.00	1.5	\$10,000.00		\$10,000.00	100.0%		
15	CHANGE ORDER #1 SUPPLY OF CONCRETE POLE	Karana and A		1371			\$912.00	\$912.00			\$912.00		and the same		10		\$912.00	
15.1	SUPPLY OF CONCRETE POLE		1	LOT									100			BDIVAR		
			-	1,011	\$8,000 00	\$8,000,00					\$8,000.00	- 1	\$8,000,00		\$8,000,00	100.095		
	TOTAL								-								- 1/4	
		1		Į	]				- 1				\$96,000.00		\$96,000.00		\$42,000,00	

BCDCto C-620 Contractor's Application for Payment 01 2013 National Society of Professional Engineers for BCDC. All rights reserved. Page 2 of 2

# ATTACHMENT D

Page 1 of 2

#### **SMCC GU-Mark Anthony Ancheta**

"Asnani Shyam" <asnani@smccguam.com> Wednesday, March 24, 2021 1:43 PM From: Date: "Nandagopalan J." <nanda@smccguam.com>
FW: GWA Pressure Zone Project

Subject:

From: Ngu, Jean L [mailto:jngu@chubb.com] Sent: March 23, 2021 1:06 PM To: Asnani Shyam <asnani@smccguam.com>

Subject: RE: GWA Pressure Zone Project

Hi Asnani,

As the construction duration falls below 24 months, it has no bearing on premium as we charge a sliding scale rate, but it does allow us to adjust the delivery date to 13 Nov 2021 based on 557 days to achieve Substantial Completion. The below is the premium adjustment calculation which is driven by the change in bond amount to US\$5,150,000.

	Original	Change order	Additional Premium adjustment
Contract date	2/01/2020	2/01/2020	
NTP		5/05/2020	
Bond number	8235334	8235335	
Principal	Sumitomo Mitsui Construction Co Ltd	Sumitomo Mitsui Construction Co Ltd	
Obligee	Guam Water Authority	Guam Water Authority	
Bond amount US\$	\$4,120,000	\$5,150,000	
Term (days)	305	557	
Anticipated expiry to practical completion	2/11/2020	13/11/2021	
Anticipated expiry + 12 month warranty	2/11/2021	13/11/2022	
Premium US\$	19,480.00	23,525.00	4,045.00

	Contract value US\$			
From	То			
-	500,000	0.60%	3,000	
500,001	2,500,000	0.50%	10,000	
2,500,001	5,000,000	0.40%	10,000	
over 5,000,001		0.35%	525	
time surcharge **		1% per month	-	
Total			23,525.00	

<sup>\*</sup> covers 2 year construction time period

Please let me know if you have any questions.

Kind regards,



4/5/2021

Page 2 of 2

#### Jean Ngu Surety Manager, Asia

Level 38, Grosvenor Place, 225 George Street, Sydney NSW 2000, Australia O+612 9273 0196 M+61 (0) 438 867 261 E jngu@chubb.com www.chubb.com/au

Chubb, Insured."

From: Asnani Shyam <asnani@smccguam.com>
Sent: Tuesday, 23 March 2021 11:46 AM
To: Ngu, Jean L <ingu@chubb.com>

Subject: [EXTERNAL] GWA Pressure Zone Project

Hi Jean,

Referenced project original completion date is May 5, 2021 + 12 month warranty period. We are negotiating change order due to building permit, utility clearance & Covid-19 lockdown delays. Based on information below please quote estimated performance & payment bond premium.

Original Contract Amount: \$4,120,000 Contract Period: 365 days

Revised Contract Amount: \$5,150,000 Revised Contract Period: 557 days

Attached NTP for your reference to adjust contract period.

Regards, Asnani

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### **Pressure Zone Realignment Construction**

#### **Bond Fee**

Original Contract Amount: \$4,120,000.00

**Contract Period:** 12 Months

**Bond Premium:** \$19,480.00

**Bond for 30.26 months and Revised Contract Amount:** 

= \$6,110,576.89

$$= \frac{\$19,480.00}{(\$4,120,000.00 \times 12)} \times 30.26 \times \$6,110,576.89$$

= \$72,855.38

**Previous Bond:** 

$$= $19,480.00 + $4,045.00 (CO#1) + $806.21(CO#2) + $241.22$$

= \$24, 572.43

**Additional Bond Fee:** 

= **\$48, 282, 95** 

CHUBB.

### FEDERAL INSURANCE COMPANY

One of the Chubb Group of Insurance Companies

202 Halls Mill Road, P.O. Box 1650, Whitehouse Station, NJ 08889-1650, USA

INVOICE TO INVOICE

To:

Mr. Asnani

Sumitomo Mitsui Construction Co., Ltd

P.O Box 9670

Tamuning, Guam 96931

	DATE	Invoice No.
	6 Jan 2020	060120
Bond No. 82353374		
Contractor: Sumitomo Mitsui Construction Co., Ltd		
Obligee: Guam Water Authority		
Project: Pressure Zone Realignment Construction Phas GWA Project No. W18-001-BND	se 1	
Contract Value: US\$4,120,000.00		
Bond Issuance Date: 27 December 2019		
Anticipated expiry to practical completion + 12 month w	arranty: 2 Nov 2021	
	Gross Premium	US\$19,480.00
	Total amount owing	US\$19,480.00

Please send the amount stated on the invoice in <u>USD</u>. We also request that you send clear funds (net of bank fees). **Please also email the remittance advice to** anna.mackenzie@chubb.com.

Please make payment to:

**ACCOUNT NAME:** 

ACE American Insurance Company

BANK: ADDRESS: Mellon Bank West, NA 3 Mellon Bank Center

Pittsburgh, PA

**ABA ROUTING NUMBER:** 

043000261

SWIFT CODE:

IRVTUS3N 093-8373

**PAYMENT REFERENCE:** 

**ACCOUNT NUMBER:** 

**DOLORES SHERIDAN SURETY BOND 82353374** 

### **Employee's Fringe Benefits**

 1. S.S. Employee Pay
 : 7.65%

 2. Bonus one month (1/12)
 : 8.33%

 3. Workmen's Compensation
 : 0.81%

4. Leave

a. Annual : 21 daysb. Sick : 12 daysc. Holidays : 9 days

Total : 42 days X 8 = 336 hours

: 336 hours/ (52 x 40) : <u>16.15%</u>

32.94%

### COMMERCIAL AUTOMOBILE INSURANCE POLICY



MS&AD Aioi Nissay Dowa Insurance Co.,Ltd.

#### **DECLARATIONS**

General Agent's Name and Address

Takagi & Associates, Inc.

P.O. Box 22409

BARRIGADA, Guam 96921-2409

Tel#: (671) 648-5350

Fax#: (671) 648-5373

Policy No.: Acct. #:

**BAP-00935** 

Client #:

SUMIT\_CONS 2228

Status: Invoice #:

Renewal 000171909

Named Insured and Address

Sumitomo Mitsui Construction Co., Ltd. P.O. Box 9670

**TAMUNING Guam 96931-5670** 

THIS IS A RESTRICTED POLICY PLEASE READ IT CAREFULLY.

POLICY PERIOD:

From Nov 26 2021 To Nov 26 2022

12:01AM GUAM Standard Time at address of the Named Insured as stated herein.

**TOTAL PREMIUM:** 

\$24,335.00

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL THE TERMS OF THIS POLICY, WE AGREE WITH YOU TO PROVIDE THE INSURANCE STATED IN THIS POLICY.

FORMS & ENDORSEMENTS MADE A PART OF THIS POLICY AT TIME OF ISSUE: BAP-02/1006 (Policy Coverage Parts); AB-E1, AI-E1, MP-E1, PT-E1, TRIA 001 GU

"REFER TO ATTACHED SCHEDULE FOR DETAILS"

Countersigned by

Takagi/& Associates, Inc. General Agents

Countersignature Date

President

THIS DECLARATION PAGE SHALL NOT BE BINDING UPON THE COMPANY UNLESS COUNTERSIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF THE COMPANY.

BAP-01/0104 (Rev. 3/11)

11/04/21

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## **SCHEDULE OF COVERAGES & COVERED VEHICLES**

Attached to and made a part of Policy No. BAP-00935 Named Insured: Sumitomo Mitsui Construction Co., Ltd.

#### **LIABILITY**

Bodily Injury & Property Damage, Combined

\$2,000,000

Each Accident

#### **OTHER COVERAGES:**

Passenger Liability

: Not Covered

Medical Payments

: Specifically Described Autos (Refer to Schedule Below)

\$5,000

Each Person

**Uninsured Motorists** 

: Specifically Described Autos (Refer to Schedule Below)

**Bodily Injury** 

: \$25,000

Each Person

\$50,000

**Each Accident** 

Hired & Non-Owned Autos

: Included

Veh. No.	Year/ Make & Model	Identification No.
	Private Passenger (10)	
1	2008 Toyota Camry 4Dr. Sedan	JTNBE46KX83146339
2	2010 Toyota Camry 4Dr. Sedan	JTNBF3EK9A3000657
3	2016 Honda Pilot	5FNYF6H54GB061545
4	2016 Toyota Corolla 4Dr Sedan L	5YFBURHEXGP459117
5	2017 Mazda Mazda CX3	JM1DKDB70H0178788
6	2017 Mazda Mazda CX3	JM1DKDB78H0178881
7	2017 Mazda Mazda CX3 Sports SUV	JM1DKDB78H0175881
8	2017 Mazda Mazda6	JM1GL1U59H1153385
9	2018 Mazda Mazda3	JM1BN1U70J1179210
10	2018 Toyota Camry 4Dr. Sedan	4T1B11HK8JU037403
	Light Truck (12)	411011000037403
11	1999 Toyota Tacoma 4x2 Pickup	4TANL42N7XZ567367
12	2009 Nissan Frontier Crew Cab Pickup	1N6AD07W09C422975
13	2009 Nissan Frontier Crew Cab Pickup	1N6AD07W09C422975 1N6AD07W79C422763
14	2009 Nissan Titan Crewcab Pickup	1N6AA07F89N311992
15	2016 Toyota Pre-Runner Dbl Cab Pickup	5TFAX5GN1GX071711
16	2016 Toyota Pre-Runner Dbl Cab Pickup	5TFAX5GN1GX071711 5TFAX5GN5GX072134
17	2016 Toyota Pre-Runner Dbl Cab Pickup	5TFAX5GN7GX072134
18	2017 Toyota Pre-Runner Access Cab P/U	5TFRX5GN6HX088380
19	2019 Toyota Pre-Runner Access Cab P/U	5TFRX5GN5KX134370
20	2021 Toyota Pre-Runner Dbl Cab Pickup	5TFAX5GN3MX189321
21	2021 Toyota Pre-Runner Dbl Cab Pickup	STEAVECNEMY 199321
22	2021 Toyota Pre-Runner Dbl Cab Pickup	5TFAX5GN5MX189644
	Heavy Truck (12)	5TFAX5GN7MX189581
23	1986 International Paystar 5000 Truck	2HTTDUGREGCA15324
24	2005 Freightliner 3 Ton Boom Crane	1FVACXDC85DV11226

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11/04/21

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25 26	2005 Kenworth T800 Dumptruck 2006 Ford F750 Boom Truck	3WKDA48X45F084549
27	2006 Freightliner Model M2	3FRXF75GX6V374047 1FVACWDCX6DX18955
28	2006 International Model 7600 Dump Truck	1HTWYSBT06J237647
29	2007 Grove RT530E Crane	226317
30	2007 International 8600 Dump Truck	1HSHWAHN37J504223
31	2007 International 8600 Dump Truck	1HSHWAHN97J372987
32	2007 Isuzu FVR Boom Truck 505 Crane	4GTJ7F1B47F701083
33	2008 International 4300 Water Truck	1HTMKAZN88H683565
34	2015 Freightliner M2 Schwarze M6 Sweeper Truck	1FVACXDTXFHGP3937
35	Trailer (1) 2004 HT1000 Trailer	1J9US142041098052

Physical Damage Coverage is provided only for those autos for which a Stated Value and a Deductible amount is specified.

Veh. No.	Stated Value		Deductibles		Passenger Medical		Uninsured	Annual
110.	Value	Comp	Coll	Typh	Liability	Payments	Motorists	Premium
1	\$4,000.	\$500	\$500	N/C	N/C	Included	Included	\$543.00
2 3	N/A	N/C	N/C	N/C	N/C	Included	Included	\$279.00
	\$23,900.	\$500	\$500	N/C	N/C	Included	Included	\$1,410.00
4	N/A	N/C	N/C	N/C	N/C	Included	Included	\$279.00
5	\$11,700.	\$1,000	\$1,000	N/C	N/C	Included	Included	\$733.00
6	\$11,700.	\$1,000	\$1,000	N/C	N/C	Included	Included	\$733.00
7	\$11,700.	\$1,000	\$1,000	N/C	N/C	Included	Included	\$733.00
8	\$14,800.	\$500	\$500	N/C	N/C	Included	Included	\$932.00
9	\$11,100.	\$500	\$500	N/C	N/C	Included	Included	\$788.00
10	\$19,100.	\$500	\$500	N/C	N/C	Included	Included	\$1,098.00
11	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
12	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
13	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
14	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
15	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
16	N/A	N/C	N/C	N/C	N/C	Included	Included	\$418.00
17	N/A	N/C	N/C	N/C		Included	Included	\$418.00
18	N/A	N/C	N/C	N/C		Included	Included	\$418.00
19	N/A	N/C	N/C	N/C		Included	Included	\$418.00
20	\$32,700.	\$500	\$500	N/C		Included	Included	\$2,339.00
21	\$32,700.	\$500	\$500	N/C		Included	Included	\$2,339.00
22	\$32,700.	\$500	\$500	N/C		Included	Included	\$2,339.00
23	N/A	N/C	N/C	N/C		Included	Included	\$494.00
24	N/A	N/C	N/C	N/C		Included	Included	\$494.00
25	N/A	N/C	N/C	N/C		Included	Included	\$494.00
26	N/A	N/C	N/C	N/C		Included	Included	\$494.00
27	N/A	N/C	N/C	N/C		Included	Included	\$494.00
28	N/A	N/C	N/C	N/C		Included	Included	\$494.00
29	N/A	N/C	N/C	N/C		Included	Included	\$494.00
30	N/A	N/C	N/C	N/C		Included	Included	\$494.00 \$494.00
31	N/A	N/C	N/C	N/C		Included	included	\$494.00

32	N/A	N/C	N/C	N/C	N/C	Included	Included	\$494.00
33	N/A	N/C	N/C	N/C	N/C	Included	Included	\$494.00
34	N/A	N/C	N/C	N/C	N/C	Included	Included	\$494.00
35	N/A	N/C	N/C	N/C	N/C	N/C	N/C	Included

<sup>&</sup>quot;N/C" means "Not Covered", "N/A" means "Not Applicable"

**LIENHOLDER(S)/ADDITIONAL INSURED(S):** Any loss under the Physical Damage coverage part is payable to the Named Insured and the following Lienholder(s)/Additional Insured(s), as their interest may appear:

None Specified except for the following:-

Veh. 5-7, 9 Bank of Guam P.O. Box BW HAGATNA Guam 96932-7597

	PREMIUM BREAK	KDOWN	
Premium: <b>\$24,235.00</b>	Hired/Non-Owned Auto:	\$100.00	2% Assessment Fee: \$252.20

BAP-01/0104 (Rev. 3/11)

11/04/21

Page 4 of 4

# ATTACHMENT E

#### **TIME EXTENSION CHANGE ORDER #3**

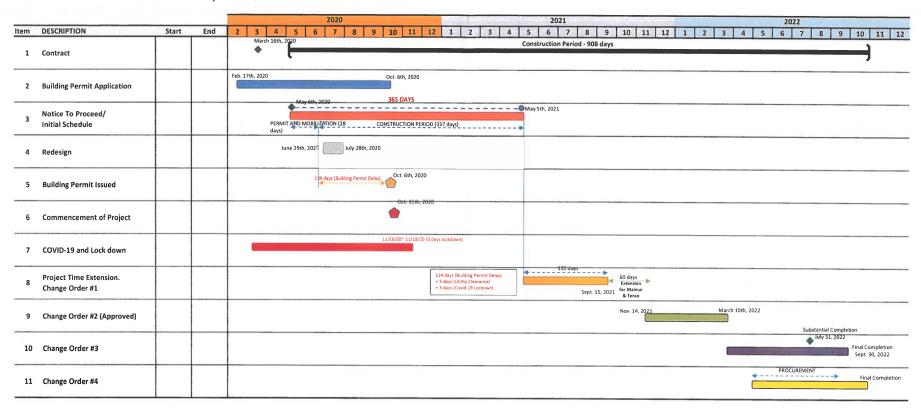
#### **CARNATION:**

A1 INSTALLATION OF TWO CONCENTRIC REDUCER	2DAYS
A2 12" PIPE CROSSING ROUTE 15 ADDITIONAL POTHOLING DUE TO	
EXISTING GPA LINE NIT SHOWN ON PLAN INLUDING STEEL PLATE	
MAINTENANCE	10DAYS
A3 PRV 15 ADDITIONAL WORK TO EXCAVATE AND INSTALL CRUSH	
CRUSH ROCK INCLUDING CONCRETE PATCHING	7DAYS
A4 ADDITIONAL VALVE COVER	2DAYS
A5 ADDITIONAL EXPLORATION LEAKING VALVE	5DAYS
A6 PRV 15 HATCH COVER INSTALLATION	6DAYS
DEDUCT ORIGINAL COVER INSTALLATION AS PER CONTRACT	-2DAYS
YSENGSONG:	
<b>B1</b> PRV 77 EXTRA EXCAVATION INCLUDING EXPLORATION	10 DAYS
DEDUCT ELECTRICAL WORKS ORIGINAL PLAN	-3 DAYS
CLARA:	
C1 EXTRA EXCAVATION, BACKFILLING AND COMPACTION	9DAYS
DEDUCT ELECTRICAL WORKS AS PER ORIGINAL PLAN	2DAYS
C2 ADDITIONAL POTHOLING REQUESTED BY GWA	14 DAYS
C3 ADDITONAL TRAFFIC CONTROL MAINTENANCE AND	
ERRODED SOIL EXCAVATION	5DAY\$
C4 ADDITONAL WORK TEMPORARY BACKFILLING DUE TO	
OUTAGE RESCHEDULE BY GWA	7DAYS
C5 ADDITONAL POTHOLING REQUESTED BY GWA TO LOCATE	
EXISTING VALVE	6DAYS

C6 RE CHLORINATION DUE TO OUTAGE RESCHEDULED BY GWA	2DAYS
<b>DELAY</b> ON OUTAGE REQUEST RE SCHEDULED BY GWA REQUESTED	
OCT. 15, 2021 OUTAGE APPROVED February 11, 2022	119 days
KAISER:	
<b>D1</b> ADDITIONAL POT HOLING AND ADDITONAL PIPE INSTALLATION	39 DAYS
DEDUCT ORIGINAL EXCAV. AS PER COBNTRACT	2DAYS
DEDUCT 14" PIPING NOT INSTALLED	3DAYS
DEDUCT MM 12C NOT INSTALED	1DAY
D2 PRV 43A AND 43B DIFFERENT SITE CONDITION	5DAYS
D3 ABANDONMENT OF 8" PRV	8DAYS
D4 INLET PIPING AJUSTMENT INCLUDING PIPING AND	
BACKFILLING	4DAYS
<b>D5</b> ADDITIONAL WORK TO INSTALL ADDITIONAL TEE AND VALVE	
AT PRV 79	1DAY
<b>D6</b> CONNECTION OF EXISTING 2" LINE TO GWA LAB.	1DAY
<b>G</b> ADDITIONAL POTHOLING , BACKFILLING AND FLOWABLE FILL	12 DAYS
ADDITIONAL WORK KAISER, WAITING FOR MATERIALS ON 6"	
ASBESTOS TO C900 PIPE ,12 x 12 x 12 TEE DI	14 TO 16 WEEKS

# ATTACHMENT F

#### PROJECT: PRESSURE ZONE REALIGNMENT, PHASE 1



# **GM REPORT**

# **NOVEMBER 2022**





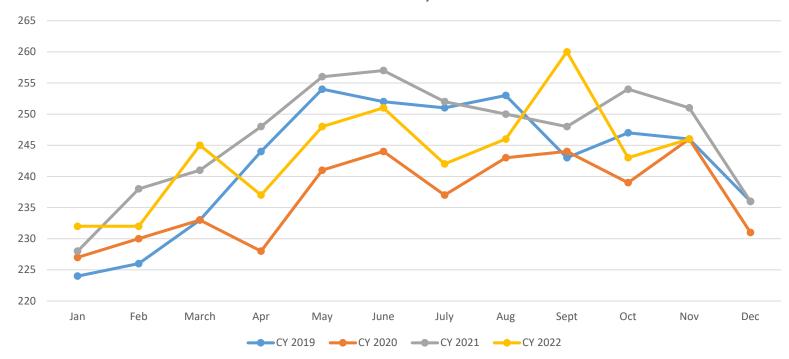
# **Generation Status**

## 1. Reserve Margin Forecast for December 2022:

Projected Available Capacity: 286 MW
Projected Demand: 236 MW
Anticipated Reserve Margin: 50 MW

## 2. System Peak Demand:

#### PEAK MW DEMAND Thru Nov 14, 2022



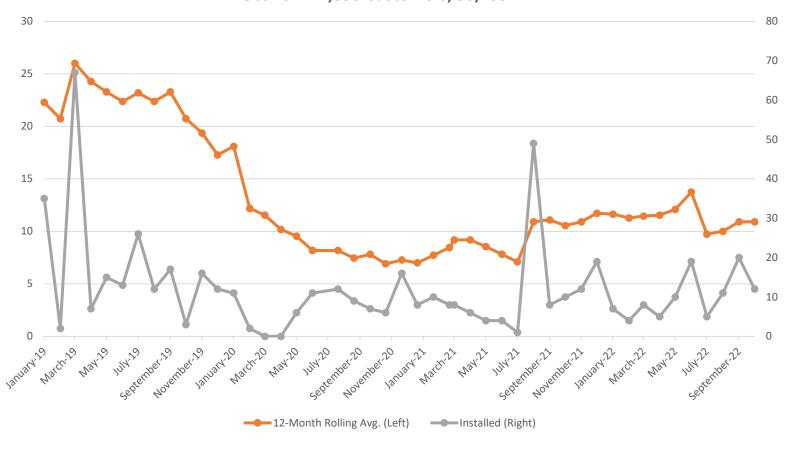




# Net Metering (NEM)

## 3. Net Metering (NEM) Growth Thru October 2022:

NEM GROWTH
Oct 2022: 2,396 Customers; 30,266 kW

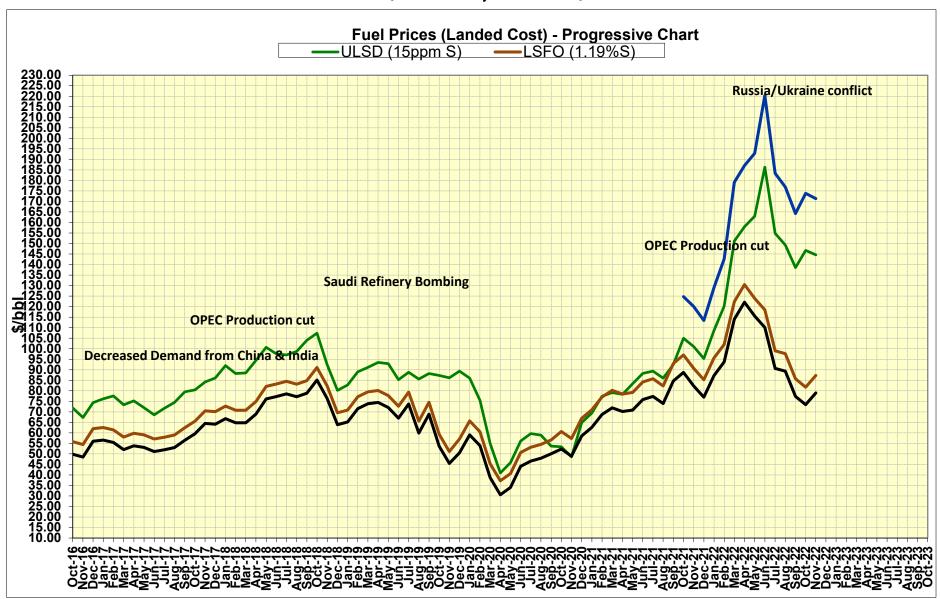






# GPA Fuel Landed Cost (Per Barrel) Thru Nov. 09, 2022

## 4. 0.2% LSRFO \$171.36; ULSD \$144.63



## 5. PUC Update:

### <u>Tuesday, November 29, 2022 Special Meeting Agenda Items [Pending Confirmation]:</u>

- GPA Docket 23-02, Petition for Contract Review Relative to the Approval of Engineering, Procurement and Construction Management (EPCM) Contract with Stanley Consultants, Inc.
- GPA Docket 23-03, Petition for Contract Review Relative to Authorization of Guam Power Authority to Award Property Insurance

### Dockets Approved at Thursday, October 27, 2022 Meeting

- GPA Docket 23-01, Petition for Approval of the Phase IV Renewable Acquisition for GPA - APPROVED
- GPA Docket 22-15, PUC Review of LEAC pursuant to June 16, 2022 PUC Order -APPROVED a LEAC increase to \$0.318576/kWh, which is acceptable to GPA

## 6. Bill No. 351-36 (COR) - Virtual Power Plant Program

- Introduced November 1, 2022 by Sen. Clynt Ridgell, and co-sponsored by Sens. Joe S. San Agustin, Tina Rose Muna Barnes, Jose Terlaje, and Amanda Shelton.
- Directs GPA to establish a Virtual Power Plant Program, a network of distributed energy resources (DER) comprised of solar PV systems and energy storage batteries at residents, businesses, government, and non-profit organizations sites.
- GPA reviewed the legislation, as introduced.
- A public hearing was held on Friday, November 18, 2022.





## 6. Bill No. 351-36 (COR) - Virtual Power Plant Program - Continued

- GPA did review the bill which has now been substantially changed from the original bill provided to GPA. Senator Ridgell did
  want our support of the bill and therefore agreed to our proposed changes which is basically what was introduced. I believe
  GPA will testify in support of the bill.
- Bill recognizes authority to establish and implement the program is vested in CCU and PUC. If program is not approved by
  governance and oversight commissions, program is not pursued or awarded. Perhaps, the language should be more specific
  as to when we pursue the program? I am fine in pursuing a bid a program within 9 months. But perhaps the or in the
  language should be "and" 30 days upon PUC approval?
- Bill basically acknowledges the authorities of the CCU and PUC. It is mandating that we pursue a program for solar roof top but doesn't as typically done mandate specific details beyond acceptable bond covenants and enabling acts of CCU and PUC
- With regards to the 5 year residency of this program, I surmised it as a policy call to provide local businesses a part in the long term renewable program. My thinking on this is if program is not beneficial to all parties, the CCU and PUC will not approve such program.
- The roof top programs are a supplemental conversion of "oil to jobs" and will not provide cheaper energy than utility scale solar but provides value in lessening the impact fluctuating high fuel oil prices have perennially had on our ratepayers. Because roof top solar will always be a small increment of the overall GPA renewables capacity, its impact on the LEAC is more on providing sustained energy cost (1% max escalator) despite perhaps being a slightly higher priced one. All of these programs will be accepted, discontinued, adjusted over time and all approved by CCU and PUC. However, the evolution won't start until we begin.
- To achieve 50% renewables, GPA needs to add 400 MW by 2030 and an additional 500 MW beyond 2030 to achieve 100% renewables. Although there appears to be adequate land mass to accomplish these needs, I estimated potential roof top solar capacity in the neighborhood of 300MW.
- As I had noted in my September GM report, GPA intends to pursue roof top solar programs by aggregating types of
  programs to certain capacity size bids and taking advantage of economies of scale to reduce prices. We have not yet
  determined the model but programs such as virtual power plants, community solar and others will be developed for CCU and
  PUC approval. GPA will determine what it thinks is the best model for the island community and pursue approval from CCU
  and PUC for the specified program. The proposed bill does not seem to limit our plans.





## 7. Customer Assistance Programs

- \$1.062M (1,502 households) Guam Homeowner Assistance Fund Program (HAF)
- \$3.38M (2,011 households) Emergency Rental Assistance Program (ERA)
- \$26,381,000 (residential, multi-metered residential, commercial accounts; July-November 2022) - Prugråman Ayuda Para I Taotao-ta Energy Credit

# 8. Legislation Introduced to Extend the *Prugråman Ayuda Para I Taotao-ta* Energy Credit Program

- On November 10, 2022, two (2) bills were introduced, intending to provide a fivemonth extension of the *Prugråman Ayuda Para I Taotao-ta Energy Credit Program*, established by PL 36-54.
  - Bill 357-36 (COR), introduced by Speaker Therese Terlaje will appropriate an additional \$26,381,000 from FY22 unappropriated, excess General Fund revenues.
  - Bill 359-36 (COR), introduced by Sen. Joe S. San Agustin, will authorize the Governor to spend up to \$26,381,000 from any funding source available, including using her transfer authority.
- Both bills extend the disbursement of \$100 monthly credits to active residential and commercial GPA customers through April 2023.
- This is great news for our ratepayers, since many are still feeling the economic impact of the high volatility in world oil prices and other global events.
- I would like to thank Speaker Terlaje and Senator San Agustin. The extension of the Prugråman Ayuda Para I Taotao-ta Energy Credit program will help many in need of assistance.



# **Energy Sense Rebate Program (ESRP) Online Application**

# 9. DSM Online Report - October 2022

#### **APPLICATIONS**

Month	Applications	Commercial	Residential
Aug-22	217	0	217
Sep-22	479	7	472
Oct-22	474	4	470
TOTAL	1170	11	1159

#### **AVERAGE REBATE PER APPLICATION**

Commercial		Residential		
\$	309	\$	286	

#### **EQUIPMENT**

Month	Applications	Commercial	Residential
Aug-22	315	0	315
Sep-22	667	12	655
Oct-22	689	9	680
TOTAL	1671	21	1650

#### **AVERAGE REBATE PER EQUIPMENT**

Com	mercial	Residential				
\$	162	\$	201			

#### **REBATES**

Month	Rebate	Commercial	Residential		
Aug-22	\$ 61,375.00	\$ -	\$	61,375.00	
Sep-22	\$ 134,525.00	\$ 1,950.00	\$	132,575.00	
Oct-22	\$ 139,375.00	\$ 1,450.00	\$	137,925.00	
TOTAL	\$ 335,275.00	\$ 3,400.00	\$	331,875.00	

<sup>\*</sup> DSM Online went live on 8/17/22. August 2022 figures are from 8/17 – 8/31 only.



 $<sup>\</sup>hbox{* Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually}.$ 

<sup>\*</sup> Paper applications are NOT INCLUDED with these counts.

# Energy Sense Rebate Program (ESRP) Online Application (cont'd)

# 9. DSM Online Report - October 2022

#### **APPLICATION COUNTS PER STATUS**

			Commercial		Residential					
Month	Applications	Processing	Approved	Denied	Processing	Approved	Denied			
Aug-22	217	0	0	0	58	139	20			
Sep-22	479	1	0	6	333	17	122			
Oct-22	474	2	0	2	414	0	56			
TOTAL	1170	3	0	8	805	156	198			

#### **APPLICATION COUNTS PER PROGRAM**

			Comm	ercial		Residential				
Month	Applications	Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer	
Aug-22	217	0	0	0	0	192	0	15	10	
Sep-22	479	7	0	0	0	404	0	29	39	
Oct-22	474	4	0	0	0	413	0	19	38	
TOTAL	1170	11	0	0	0	1009	0	63	87	

#### **REBATES PER PROGRAM**

1122/1120 / 211/1100	NED/TED ENT NO GIVEN																	
				Commercial								Residential						
Month		Rebate	Split A/C Units		Central A/C Units		VRF A/C Units		Rooftop A/C Units		Split A/C Units		Central A/C Unit		Window A/C Units		Washer/Dryer	
Aug-22	\$	61,375.00	\$	1	\$		\$	-	\$		\$	57,375.00	\$	-	\$	1,600.00	\$	2,400.00
Sep-22	\$	134,525.00	\$	1,950.00	\$		\$	-	\$		\$	120,175.00	\$	-	\$	3,400.00	\$	9,000.00
Oct-22	\$	139,375.00	\$	1,450.00	\$		\$	-	\$		\$	126,625.00	\$	-	\$	1,900.00	\$	9,400.00
TOTAL	\$	335,275.00	\$	3,400.00	\$	-	\$	-	\$		\$	304,175.00	\$	-	\$	6,900.00	\$	20,800.00

#### **EQUIPMENT COUNTS PER PROGRAM**

			Comm	nercial		Residential				
Month	Equipment	Split A/C Units	Central A/C Units	VRF A/C Units	Rooftop A/C Units	Split A/C Units	Central A/C Units	Window A/C Units	Washer/Dryer	
Aug-22	315	0	0	0	0	287	0	16	12	
Sep-22	667	12	0	0	0	576	0	34	45	
Oct-22	689	9	0	0	0	614	0	19	47	
TOTAL	1671	21	0	0	0	1477	0	69	104	

<sup>\*</sup> DSM Online went live on 8/17/22. August 2022 figures are from 8/17 – 8/31 only.

<sup>\*</sup> Paper applications are NOT INCLUDED with these counts.





<sup>\*</sup> Large Commercial, Government, Prepaid, and Inactive accounts are still tracked and processed manually.

### 10. New Power Plant Update: GPA Activities

#### Completed:

- ECA Amendment: Signed on March 17, 2021.
- Resolution on Section 106 process between Navy/SHPO/GPA (cultural process)
- · Archaeological Inventory Survey of Ukudu Site
- Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Baseline noise study for Piti 41 MW diesel generator plant site.
- Water Supply and Discharge Agreement signed.
- Approval of research design for boring of proposed site in Piti for diesel generator relocation
- Approval of Archaeological Monitoring & Discovery Plan for pipeline construction
- Public Law 36-91 was signed on 4/11/22 for exemption of construction of Reserve Facility in Piti.
- · GHPO Concurrence of Section 106 of the bull cart trails
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- · Geotechnical boring test report at the Piti site completed.
- GPA approved remaining Phase 5 & 6 construction permits.
- GPA obtained MEC specialist for construction support at Nimitz allowing excavation to resume on Nov. 1, 2022

#### Ongoing / Pending:

- Archaeological & Cultural Requirements:
  - ✓ Section 106 process for cultural survey on Navy properties (Harmon Substation) revised submitted being delivered to SHPO for final approval. Navy to complete NEPA documents upon final approval once SHPO provides review response to allow for construction activities on the bull cart trails along pipeline route and in the Harmon Substation.
  - Archaeological monitoring for pipeline construction work (Chaot & Nimitz areas).

#### **Critical Path & Risk Items**

#### **Cultural Survey**

(SHPO Approvals Required)

 Section 106 process required for Navy properties

#### **Delays on Permit Approvals**

- Construction Permits
- Air Permit (Reserve Facility)
- NPDES Permit

#### **Construction Mitigation**

 For any wetland, biological, cultural or other findings during construction (unknowns)

#### **41 MW Reserve Facility**

 Discussions of revised scope due to increased contracting cost.



### 10. New Power Plant Update: GPA Activities (continued)

#### Water & Wastewater Requirements:

- ✓ Change of Law issues due to update GWA NPDES permit affecting discharge of wastewater from cooling system. Follow-up with GWA on the NPDES permit modification.
- Construction Permit & Drawing Reviews:
  - ✓ Interconnection and pipeline design documents are being reviewed for approval.
- Reserve Facility:
  - ✓ Revised scope provided and being evaluated.
- Air Permit Support:
  - ✓ Assisting with information to support the Reserve Facility permit. GPA to modify Piti 8&9 permit to reduce operating hours allowing planned operational support for the new Piti plant.
  - ✓ Permitting on hold pending resolution on Reserve Facility
- · Other:
  - ✓ Monthly project reviews including Project Schedule.
  - √ Weekly meetings on contract items and ongoing construction activities and pending issues
  - ✓ Coordination with Navy on excavation activities for pipeline construction
  - ✓ Attending transportation logistic meetings for heavy transport to Ukudu from Port.
  - ✓ GPA continues with researching easement options to move new pipelines further away from waterways (Sinajana)





### 10. New Power Plant Update: <u>GUP Activities (Contractor)</u>

#### Completed:

- · EPC Contract Doosan
- · Height Variance for Ukudu Site
- Financing Contracts Signed Equity Bridge Loan in place. Senior loan requires air permit and land lease legislation for funds drawdown.
- Down payment to Siemens to secure Turbine Order (long lead item)
- Survey Maps for land lease recorded at Dept. of Land Management
- · Phase I for Ukudu Plant construction permit approved. Foundation work is ongoing.
- GUP issues Notice to Proceed to EPC on May 31, 2022.
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- GEPA approves and issues Ukudu Air Permit on 7/20/22 during construction groundbreaking ceremony.
- KEPCO/GUP achieves financial close on September 30, 2022.

#### Ongoing / Pending:

- · Design / Permitting
  - ✓ Construction
    - Power Plant 6 phases of design for permitting. Phase 2-6 pending approvals
    - Pipeline Excavation and pipeline installation ongoing at Nimitz, within Tiyan along Route 8 towards airport.
       Contractors working with DPW on encroachment permit for areas crossing and along roadways.
    - Transmission Line design and material specifications under review. Anticipating construction early 2023.
  - ✓ Air Permits
    - Piti Reserve Facility USEPA approved netting plan with restrictions on Piti 8&9 to allow minor source permit.
       Application hold pending resolution on Reserve Facility revised scope.
- Procurement initiating other equipment procurement
  - Existing Pipeline Cleaning & Demolition Land Use Control document submitted to GEPA for review regarding Route 16 (Airport) to Route 34 abandonment plan.





## 10. New Power Plant Update: <u>GUP Activities (Contractor)</u> continued

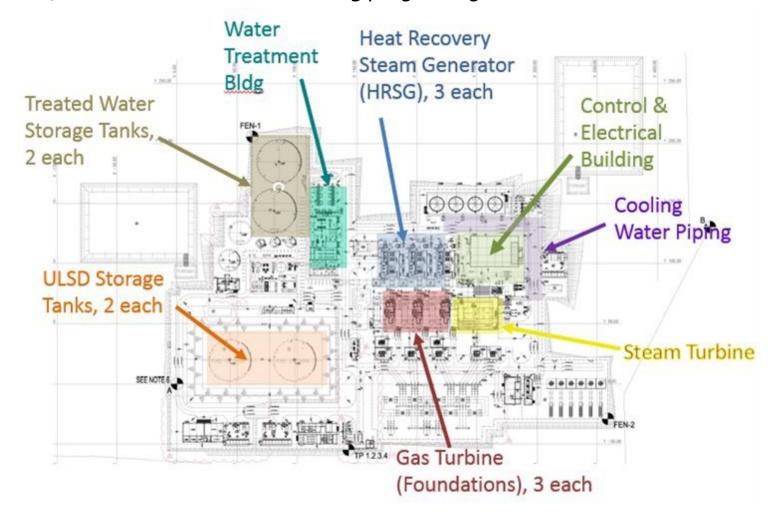
Ongoing / Pending: (continued)

- <u>Reserve Facility</u> Pending evaluation of the revised scope. Due to continuous increase in battery pricing, DUP was not able to provide BESS option.
- Schedule Update Plant and fuel pipeline continue to progress with no major schedule impact reported.
- Transportation Logistics EPC continues to work with DPW on transport plan from Port to Ukudu site.
  - Bridge analysis dictating required transport equipment.
  - Temporary bridge delivered as required by DPW as backup for any bridge damage due to limited alternate routes in some areas.
  - Transportation will take several hours over several days to move HRSG modules and will affect traffic during movement.
  - · Weekly meetings being held to discuss plans and requirements.
  - 25 heavy cargo movements expected thru April 2023
  - Demonstration of the Self-Propelled Modular Transporter (SPMT) was provided to DPW, GUP, DUP and GPA representatives on Oct. 27 at the Port.
  - First heavy cargo shipment arrived on Guam on Nov. 2 which contains the 12 HRSG modules. It is being stored at the Port.





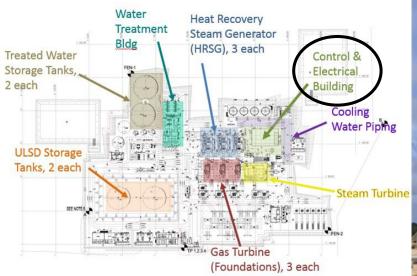
Construction work ongoing with Control & Electric Building, Heat Recovery Steam Generator foundation, Fuel Storage Tanks, Cooling Water Piping, Water Treatment Tanks, Gas Turbine Foundations, and **Water Treatment Building** progressing







### Control & Electrical Building – Steel frames



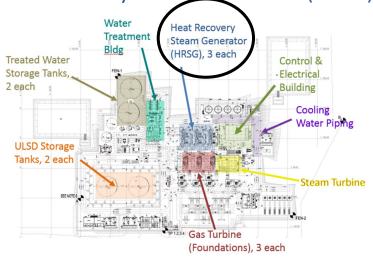








Heat Recovery Steam Generator (HRSG) – Foundation work ongoing



**HRSG (#1 of 3)** Foundation work (background with forms)



HRSG (#2 of 3) Foundation work
(backfilling)



**HRSG (#3 of 3)** Foundation work (complete)

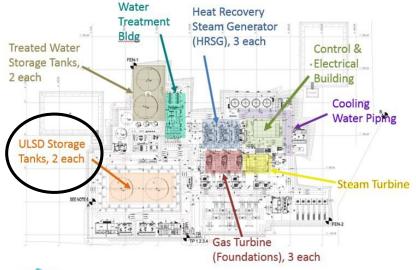






### ULSD Storage Tank #1 - Backfilling





### **ULSD Storage Tank #2** – Sand bedding



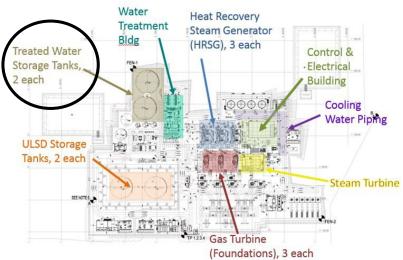




## Treated Water Storage Tanks 1 & 2 – Steel walls in place for welding



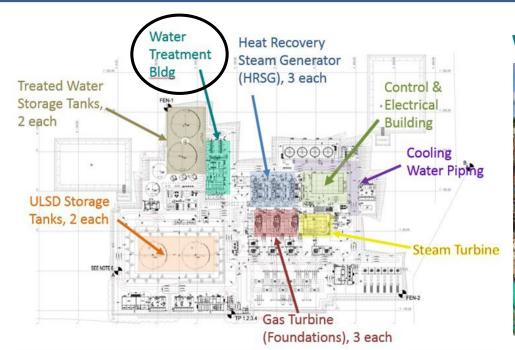












### Water Treatment Building - Foundation

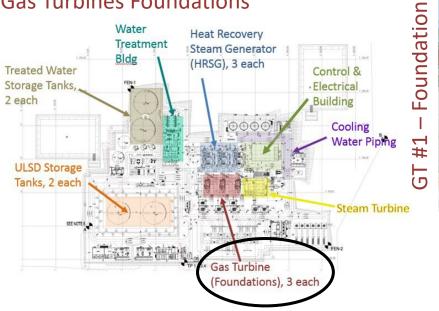








### **Gas Turbines Foundations**



GT #2 & #3 – Foundations with HRSG foundation in background.



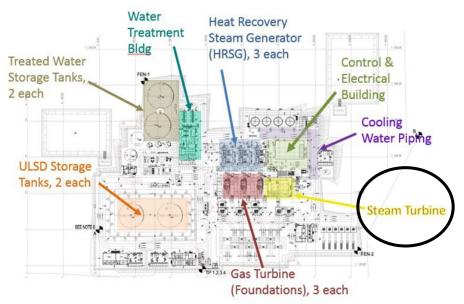
Transformer Foundation







### **Steam Turbine Foundation**











# **Transportation**

## Self-Propelled Modular Transporter Demonstration (Oct. 27, 2022)











# **Transportation**

# Arrival of 12 HSRGs at Port Authority of Guam on November 2, 2022

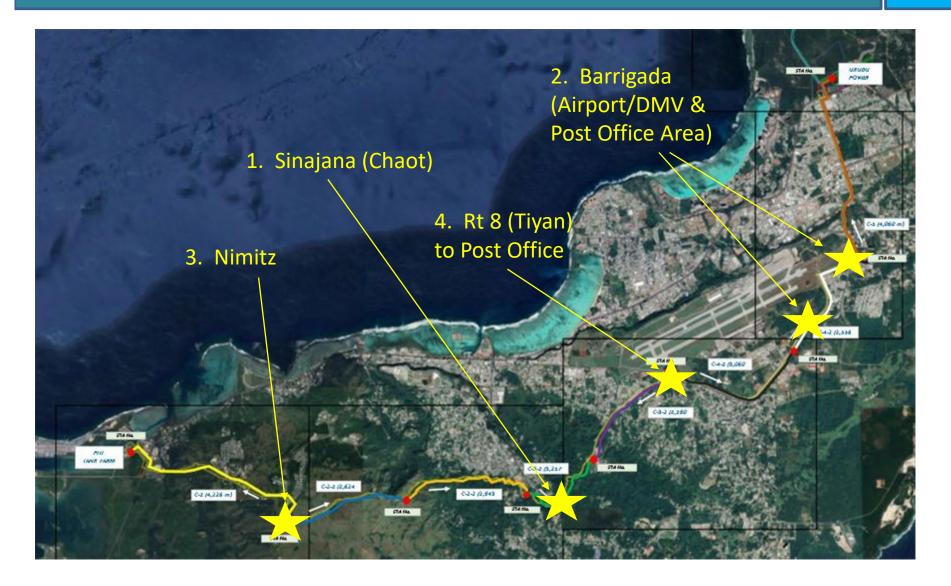








# **Fuel Pipeline Construction Status**







# **Fuel Pipeline Construction Status**

**1. Chaot area (100 M)** *Backfill and compacting testing completed.* 



# 2. Barrigada – Near Post Office Excavation towards Airport completed. Pipe installation ongoing

### 2. Barrigada - Airport / Across DMV

All excavation within Airport fencing completed.

Continued pipe & fiber installation and backfill and testing













# **Fuel Pipeline Construction Status**

### 3. Nimitz

Excavation work restarted with MEC construction support. Pipeline now being installed.







## 4. Rt 8 (Tiyan) to Post Office

Excavation continues. Old lines are being removed. Pipelines are being staged.











# 11. Generation KPIs Update October 2022







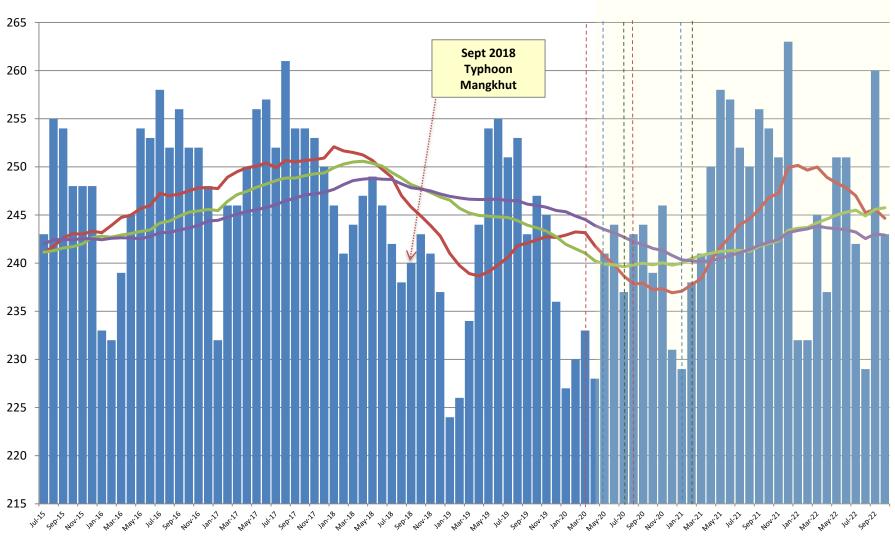
# Historical Monthly Peak Demand July 2015 - October 2022

### COVID 19 Pandemic PCOR1 - Mar 15, 2020

PCOR2 - May 10, 2020 PCOR3 - Jul 20, 2020 PCOR1 - Aug 16, 2020

PCOR 2- Jan 18, 2021

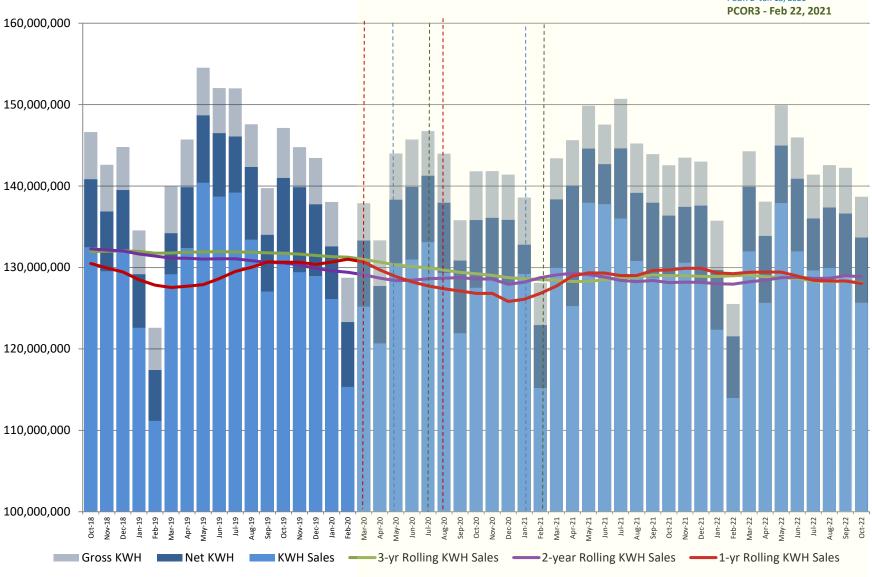
PCOR 2- Jan 18, 2021 PCOR3 - Feb 22, 2021



# Historical KWH Sales October 2018 - October 2022

### **COVID 19 Pandemic**

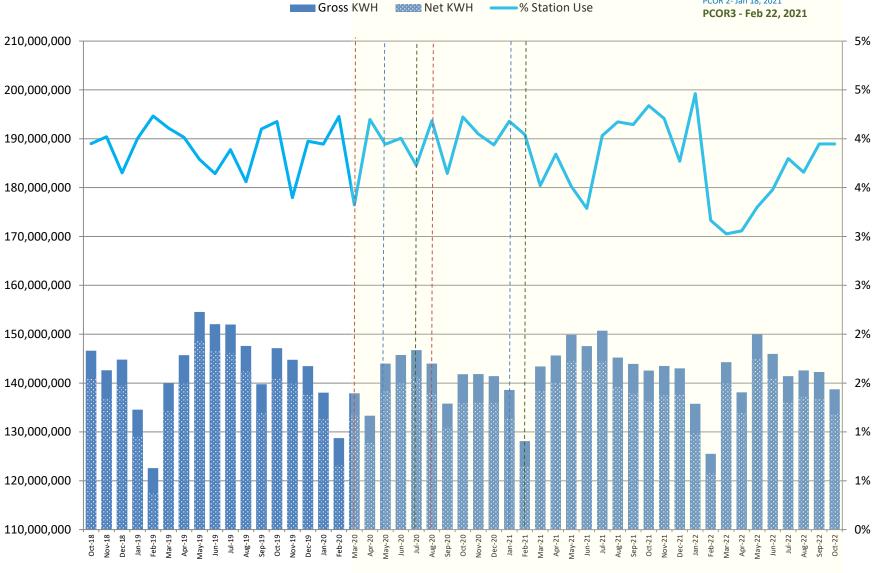
PCOR2 - May 10, 2020 PCOR3 - Jul 20, 2020 PCOR1 - Aug 16, 2020 PCOR 2- Jan 18, 2021



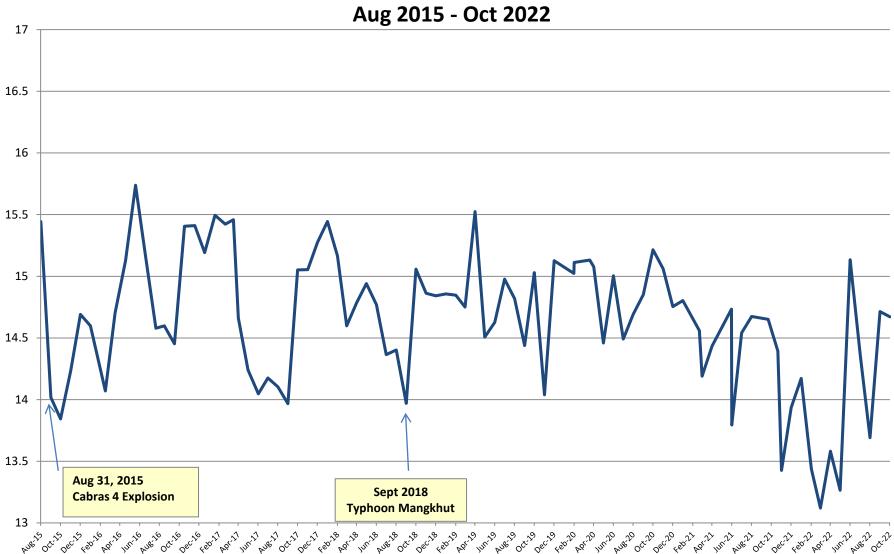
### **Gross and Net Generation (KWH)** October 2018 - October 2022

### **COVID 19 Pandemic** PCOR1 - Mar 15, 2020

PCOR2 - May 10, 2020 PCOR3 - Jul 20, 2020 PCOR1 - Aug 16, 2020 PCOR 2- Jan 18, 2021



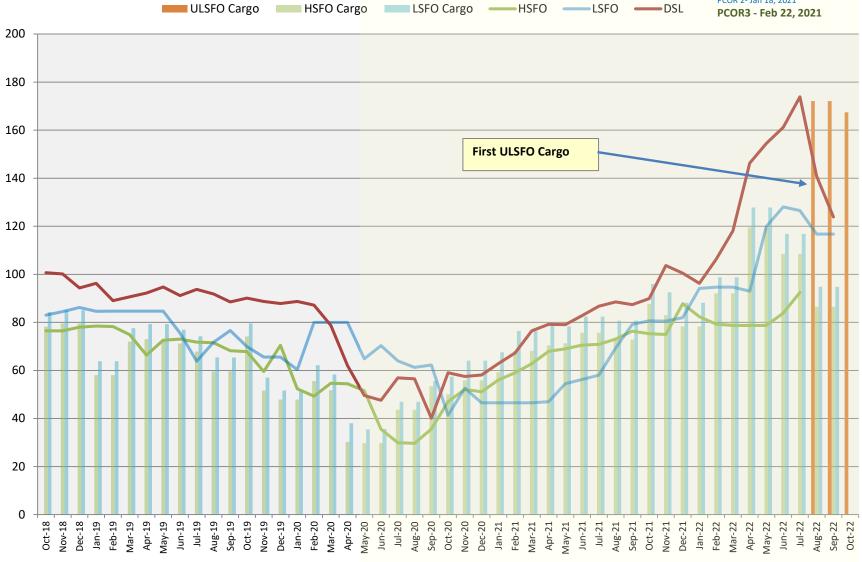
# SYSTEM GROSS HEAT RATE (KWH/Gal)



# Fuel Cargo and Fuel Consumption Costs (\$/bbl) October 2018 - October 2022

### **COVID 19 Pandemic**

PCOR1 - Mar 15, 2020 PCOR2 - May 10, 2020 PCOR3 - Jul 20, 2020 PCOR1 - Aug 16, 2020 PCOR 2- Jan 18, 2021

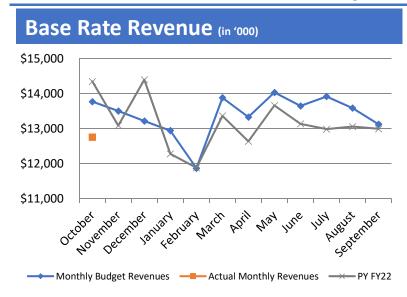


# CFO FINANCIAL HIGHLIGHTS October 2022





# October 2022 Monthly Financial Highlights



	Through October 31, 2022									
	Monthly Budget	Actual Monthly			CY vs PY					
\$000	Revenues	Revenues	Variance	PY FY22	Variance					
October	\$ 13,769	\$ 12,757	\$ (1,012)	\$ 14,345	\$ (1,588)					
November	13,500			13,085						
December	13,214			14,396						
January	12,939			12,278						
February	11,866			11,879						
March	13,880			13,364						
April	13,329			12,636						
May	14,033			13,661						
June	13,646			13,134						
July	13,916			12,983						
August	13,585			13,056						
September	13,122			12,992						
Total	\$ 160,799	\$ 12,757	\$ (1,012)	\$ 157,808	\$ (1,588)					
TI 10 11 24 2022										

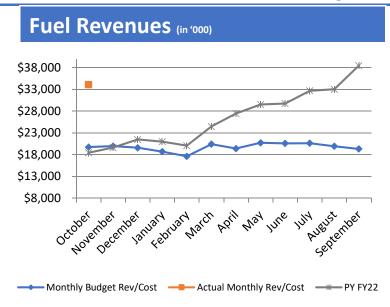
MWH Sales (in 'mWh)	
150,000	
140,000	
130,000	
120,000	
110,000	
100,000	
Ottober the lands of the philas was the bound of the land to be sent to the se	imber
→ Monthly Budget Sales	FY22

Through October 31, 2022									
	Monthly Budget	Actual Monthly				CY vs PY			
mwh	Sales	Sales	Variance		PY FY22	Variance			
October	134,253	125,672	(8,581)	. ↓	129,175	(3,503)	↓		
November	131,630				130,597				
December	128,841				128,204				
January	126,160				122,367				
February	115,698				113,980				
March	135,335				131,984				
April	129,963				125,661				
May	136,827				137,915				
June	133,054				131,980				
July	135,686				129,637				
August	132,459				129,938				
September	127,944				128,721				
Total	1,567,850	125,672	(8,581)		1,540,160	(3,503)			

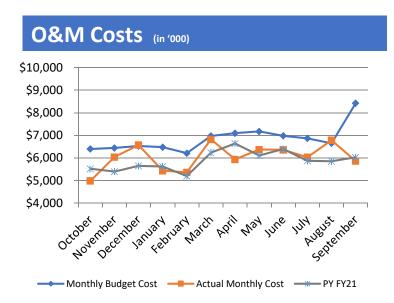


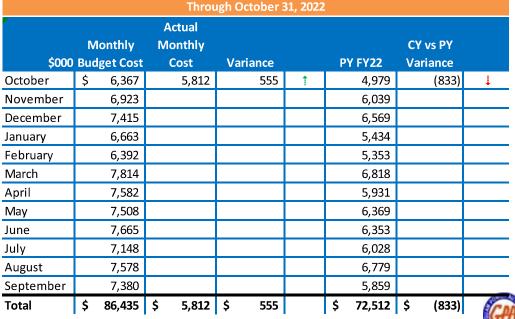


# October 2022 Monthly Financial Highlights (Continued)



	Through October 31, 2022								
	Monthly Budget	Actual Monthly				CY vs PY			
\$000	Rev/Cost	Rev/Cost	Variance		PY FY22	Variance			
October	\$ 19,726	\$ 34,062	14,336	1	\$ 18,431	15,631	1		
November	19,943				19,600				
December	19,578				21,475				
January	18,687				20,978				
February	17,608				20,043				
March	20,390				24,465				
April	19,394				27,433				
May	20,701				29,517				
June	20,580				29,731				
July	20,617				32,646				
August	19,918				32,999				
September	19,290				38,433				
Total	\$ 236,432	\$ 34,062	\$ 14,336		\$ 315,753	\$ 15,631			







# October 2022 Monthly Financial Highlights (Continued)

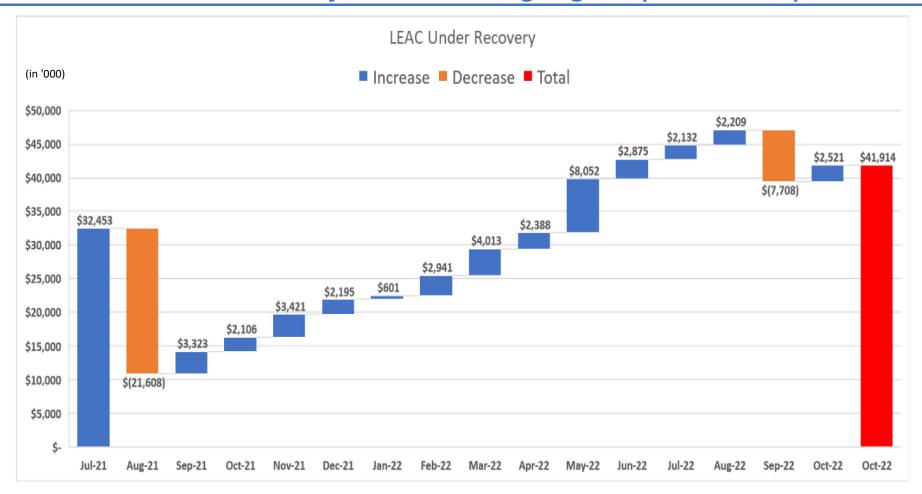
	Through January 31, 2022												
	1Q2020	2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023
Residential	44,203	44,509	45,069	44,191	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,352
Commercial	5,154	5,352	5,309	5,366	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,398
Government	1,072	1,059	1,061	1,081	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,087
Streetlights	1,135	1,128	1,139	1,132	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,169
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	51,565	52,049	52,579	51,771	52,001	52,075	52,759	52,753	52,803	52,886	52,865	52,939	53,007

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023
Senior lien coverage	2.53	1.78	1.42	1.54	1.87	1.72
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.65	1.46	1.23	1.49	1.87	1.72





# October 2022 Monthly Financial Highlights (Continued)







### **Issues for Decision**

### Resolution No. FY2023-04:

Relative to Authorizing the Management of Guam Power Authority for the extension of the Ultra-Low Sulfur Diesel ("ULSD") Storage Agreement with Tristar Terminal Guam, Inc ("TTGI").

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

The existing ULSD Storage Agreement under TTGI-SA-2018-01 is set to expire on December 31, 2022 for Tank 1906 and in June 30, 2023 for Tank 1907, respectively.

GPA has determined that the extension of the ULSD Storage Agreement thru June 30, 2024 will serve the best interest of the Authority and its ratepayers by ensuring uninterrupted supply of ULSD to the GPA plants thru the lease of the ULSD Storage tanks for the transport and receiving bulk fuel shipments into the GPA storage facilities.

### Where is the location?

The TTG ULSD storage tanks are located at the TTGI Terminal in Agat.

### How much will it cost?

The lease fee for each tank is approximately \$98,000.00 per month (excluding handling and throughput fees).

Tank 1906 lease cost for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,666,000.00.

Tank 1907 lease cost f for the extension period from January 1, 2023 thru June 30, 2024 is approximately \$1,176,000.00.

The aggregate total lease cost for both tanks is approximately \$2,842,000.00 (Exhibit A).

### When will it be completed?

The contract extension will expire in June 30, 2024.

### What is its funding source?

The ULSD Storage fees will be funded under the fuel revenue budget.

### The RFP/BID responses:

TTGI is the sole source provider for the ULSD Storage Facility in Guam meeting GPA requirements.



### CONSOLIDATED COMMISSION ON UTILITIES

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

### **GPA RESOLUTION NO. FY2023-04**

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO EXTEND THE ULSD STORAGE LEASE AGREEMENT WITH TRISTAR TERMINALS GUAM, INC.

WHEREAS, GPA currently lease tanks for Ultra-Low Sulfur Diesel Fuel (hereinafter referred to as "ULSD") storage from Tristar Terminals Guam, Inc (hereinafter referred to as "TTGI") under reference agreement TTGI-SA-2018-01; and

WHEREAS, the ULSD Storage Agreement for the lease of Tank 1906 will expire in December 31, 2022 and the lease of Tank 1907 will expire in June 30, 2023, respectively; and

**WHEREAS**, GPA and TTGI has negotiated for the extension of the lease of Tank 1906 and Tank 1907 to expire at the same time in June 30, 2024; and

WHEREAS, the lease fee for each tank is approximately \$98,000.00 per month (excluding handling and throughput fees). Tank 1906 lease cost for the extension period from

GPA RESOLUTION NO. FY2023-04

1	January 1, 2023 thru June 30, 2024 is approximately \$1,666,000.00. Tank 1907 lease cost for
2	the extension period from July 1, 2023 thru June 30, 2024 is approximately \$1,176,000.00. The
3	aggregate total lease cost for both tanks is approximately \$2,842,000.00 (Exhibit A); and
4	
5	WHEREAS, GPA is seeking the approval of the CCU for the extension of the lease of
6	the ULSD storage tanks to expire in June 30, 2024.
7	
8	NOW, BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities,
9	subject to the review and approval of the Guam Public Utilities Commission, as follows:
10	
11	1. GPA's request to extend the lease of the ULSD storage tanks to ensure adequacy
12	of supply to the power plants is reasonable and prudent.
13	
14	2. GPA is authorized to enter into an agreement with Tristar Terminals Guam, Inc.
15	for the extension of the lease of the ULSD storage tanks thru June 30, 2024.
16	
17	3. The General Manager of the Guam Power Authority is hereby authorized an
18	increase in obligating authority to the annual value of the contract and execute
19	such agreements and documents necessary for a contract with TRISTAR
20	TERMINALS GUAM, INC.
21	
22	<b>RESOLVED</b> , that the Chairman certifies and the Board Secretary attests to the adoption
23	of this Resolution.
	GPA RESOLUTION NO. FY2023-04 2

	CCO Meeting, November 29, 2022 - GPA
1	
2	DULY AND REGULARLY ADOPTED, this 29 <sup>th</sup> day of November 2022.
3	
4	Certified by: Attested by:
5	
6	JOSEPH T. DUENAS PEDRO ROY MARTINEZ
7	Chairperson Secretary
8	
9	I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities
10	(CCU), as evidenced by my signature above, do hereby certify as follows:
11	The foregoing is a full, true and correct copy of the resolution duly adopted at a regular
12	meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally
13	held at a place properly noticed and advertised at which meeting a quorum was present and the
14	members who were present voted as follows:
15	
16	Ayes:
17	Nays:
18	Abstain:
19	Absent:
20	
21	
22	
23	
	GPA RESOLUTION NO. FY2023-04

### **EXHIBIT A: ULSD Storage Agreement (TTGI-SA-2018-01)**

	Storage consolts		Storag	je Fees			
ULSD Tanks	Storage capacity	Base	year	Extension year		Variance	Remarks
	(bbls)	Monthly Fee	Annual Fee	Monthly Fee	Annual Fee		
Tk1906	196,000	\$98,000	\$1,176,000	\$98,000	\$1,176,000	\$0	Fee for the base year based on a consecutive 3-year contract. No fe changes for the extension years
Tk1907	196,000	\$147,000	\$1,764,000	\$98,000	\$1,176,000	(\$588,000)	Fee for the base year based on a short contract period of 1-year to recover the tank refurbishment co (lower fees is equally distributed thru a minimum of 3-year contrac Fee reduced for the extension year

Estimated Expenses for the Extension years

Storage Fees	Extension Period	No. of months	Monthly Fee	Total Cost
Tk1906	01/01/2023-06/30/2024	17	\$98,000	\$1,666,000
Tk1907	07/01/2023-06/30/2024	12	\$98,000	\$1,176,000
Total thru June 30, 2024				\$2,842,000

GPA RESOLUTION NO. FY2023-04

**EXHIBIT A** 

TRISTAR AGREEMENTS - Fee Comparison

	Storage capacity		Storage Fees				
ULSD Tanks		Base	Base year		on year	Variance	Remarks
	(bbls)	Monthly Fee	Annual Fee	Monthly Fee	Annual Fee		
Tk1906	196,000	\$98,000	\$1,176,000	\$98,000	\$1,176,000	\$0	Fee for the base year based on a consecutive 3-year contract. No fee changes for the extension years
Tk1907	196,000	\$147,000	\$1,764,000	\$98,000	\$1,176,000	(\$588,000)	Fee for the base year based on a short contract period of 1-year to recover the tank refurbishment cost (lower fees is equally distributed thru a minimum of 3-year contract). Fee reduced for the extension years.

**Estimated Expenses for the Extension years** 

Storage Fees	Extension Period	No. of months	Monthly Fee	Total Cost
Tk1906	01/01/2023-06/30/2024	17	\$98,000	\$1,666,000
Tk1907	07/01/2023-06/30/2024	12	\$98,000	\$1,176,000
Total thru June 30, 2024				\$2,842,000



TTGI/ACCT/OUT/OCT/2022/013

October 18, 2022

John Benavente General Manager Guam Power Authority (GPA) PO Box 2977 Hagatna, Guam 96932-2977

Through,

Mr. Albert Florencio, SPORD Department

RE: Proposal and Offer Terms for ULSD Storage for Tanks 1906 & 1907 the period 2022-2024

Dear Mr. Benavente,

We refer to our meeting with the GPA SPORD on the contract renewal of the subject tanks that expire on 31st December 2022 and 30th June 2023, respectively. Subsequent to our meeting, Tristar Terminals Guam, Inc (TTGI) is pleased to offer the following as our terms and fees for the renewal of the ULSD Storage and Pipeline Agreement for the period from expiry to 30th June 2024.

Storage Agreement# TTGI-SA-2018-01

Tank#	Period	Monthly Fee	Annual Fee
1906	January 2023 - June 2024	\$98,000.00	\$1,176,000.00
1907	July 2023 - June 2024	\$98,000.00	\$1,176,000.00

Enclosed is the draft contract amendment reflecting the fees above and extending the validity of the existing contract for GPA's review.

Should you need further clarification regarding this letter please feel free to me at 565-2333. Sincerely yours,

Encl:

1) Draft Contract Amendment - AMENDED NO. 3 & Addendum to Contract TTGI-SA-2018-01



### AMENDED NO. 3 & ADDENDUM TO CONTRACT TTGI-SA-2018-01 STORAGE AGREEMENT

This addendum to the Storage Agreement is made by and between **TRISTAR TERMINALS GUAM**, **INC.**, a Guam corporation whose address is P.O. Box 8210, Agat, Guam 96918, and **GUAM POWER AUTHORITY**, a public corporation of Guam, whose address is P.O. Box 2977, Hagatna, Guam 96932.

WHEREAS, a Storage Agreement with the reference "TTGI-SA-2018-01" between the parties dated 1st January, 2018 and consequently amended in September 2021, and the parties want to make the following addendums to the said Agreement applicable from 1st January, 2023 onwards.

	NOW,	THEREFOR	E, the	parties	agree
--	------	----------	--------	---------	-------

- E. CONSIDERATION
- E.1 Fee:
  - e) Storage Rate for Tank 1906 and 1907 shall be as follows

Tank#	Period	Monthly Fee	Annual Fee		
1906	January 2023 - June 2024	\$98,000.00	\$1,176,000.00		
1907	July 2023 - June 2024	\$98,000.00	\$1,176,000.00		

- H. TERM OF THE AGREEMENT
- H.1 Term:

The said Agreement is extended upon expiration of the original term and the term of the extended agreement shall end on June 30th, 2024.

Except as stated herein all other terms and condition of the Storage Agreement and Amendments thereto shall remain in effect.

TRISTAR TERMINALS GUAM, INC.	GUAM POWER AUTHORITY
Ву:	Ву:
Name:	Name:
Title:	Title:
Date:	Date:

Mailing Address: P.O. Box 8210, Agat Guam 96928

Physical Address: Agat Terminal, Route 2A, Santa Rita Industrial Drive, Agat, Guam 96915

Tel. +1 671.565.2300 Fax +1 671.565.3909; Tristar Terminals Guam, Inc. www.tristar-group.co/www.agility.com



### **Issues for Decision**

### Resolution No. FY2023-05:

# RELATIVE TO INCREASE THE FY'2023 0.2% LOW SULFUR RESIDUAL FUEL OIL (LSRFO) AND ULTRA-LOW SULFUR DIESEL (ULSD) BUDGET

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

The increase in the FY 2023 budget for the 0.2% LSRFO and ULSD budget is necessary to provide sufficient funding for the fuel expenditures for the uninterrupted supply of fuel for the Baseload plants and Peaking Units.

### Where is the location?

The 0.2% LSRFO and ULSD will be supplied to the Baseload plants and Peaking units.

### How much will it cost?

The estimated additional budget requirement is estimated at approximately **\$293,298,947**.

### When will it be completed?

The FY 2023 increased budget for the 0.2% LSRFO and the ULSD will cover the fuel expenditures thru September 30, 2023.

### What is its funding source?

Fuel revenue funds

### The RFP/BID responses:

N/A.



### CONSOLIDATED COMMISSION ON UTILITIES

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

**GPA RESOLUTION NO. FY2023-05** 

# AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO INCREASE THE FY'2023 0.2% LOW SULFUR RESIDUAL FUEL OIL (LSRFO) AND **ULTRA-LOW SULFUR DIESEL (ULSD) BUDGET**

WHEREAS, the approved Revenue Budget for FY 2023 is \$399,444,000 with the adoption of Resolution FY2021-23. The approved budget is comprised of the following: \$160,800,000 for Non-Fuel Revenue; \$2,212,000 for Miscellaneous Revenues; \$236,432,000 for the Fuel Revenue; and

WHEREAS, out of the \$236,432,000 fuel revenue and expenditure forecast, \$139,685,636 is allocated to the 0.2% LSRFO supply budget, and \$52,654,192 is allocated to the ULSD supply budget; and

WHEREAS, the fuel commodity price increased due to the impact of the Russia/Ukraine conflict and the average price is projected at approximately \$139.469 per barrel for both the 0.2% LSRFO and the ULSD. The estimated shortfall for the LSRFO supply budget is anticipated

23

22

21

GPA RESOLUTION NO. FY2023-05

1	at approximately \$55,365,927 and \$237,933,020 for the ULSD supply budget, for an aggregate									
2	total fuel revenue budget shortfall of \$293,298,947 (Exhibit A); and									
3										
4	WHEREAS, GPA seeks authorization to increase the Authority's FY 2023 Revenue									
5	budget by \$293,298,947 to provide sufficient funding for the fuel expenditures.									
6										
7	NOW, BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities,									
8	subject to the review and approval of the Guam Public Utilities Commission, as follows:									
9										
10	1. The approved GPA Revenue budget for FY 2023 shall be increased to a total									
11	of \$648,650,775 with the following breakdown: \$160,800,000 for Non-Fuel									
12	Revenue; \$2,212,000 for Miscellaneous Revenues; \$485,638,775 for the Fuel									
13	Revenue.									
14										
15	<b>RESOLVED</b> , that the Chairman certifies and the Board Secretary attests to the adoption									
16	of this Resolution.									
17										
18	<b>DULY AND REGULARLY ADOPTED</b> , this 29 <sup>th</sup> day of November 2022.									
19	Certified by: Attested by:									
20										
21										
22	JOSEPH T. DUENAS PEDRO ROY MARTINEZ									
23	Chairperson Secretary									
	GPA RESOLUTION NO. FY2023-05									

1	I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities							
2	(CCU), as evidenced by my signature above, do hereby certify as follows:							
3	The foregoing is a full, true and correct copy of the resolution duly adopted at a regular							
4	meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally							
5	held at a place properly noticed and advertised at which meeting a quorum was present and the							
6	members who were present voted as follows:							
7								
8	Ayes:							
9	Nays:							
10	Abstain:							
11	Absent:							
12								
13								
14								
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18								
19								
20								
21								
22								
23								
	GPA RESOLUTION NO. FY2023-05							

### **EXHIBIT A:**

	Original Proposal						Approved 8/24/2022		Variance	
FY2023 FUEL REVENUE BUDGET	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)		\$	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$
(A) RESIDUAL FUEL OIL #6 (0.2% LSRFO)	1,488,150	\$86.994	\$27.331	\$114.325	\$	170,132,405	\$93.865	\$ 139,685,636	(\$20.459)	(\$30,446,769)
(B) DIESEL FUEL OIL NO.2 (ULSD)	1,712,692	\$86.994	\$9.260	\$96.254	\$	164,852,787	\$30.744	\$ 52,654,192	(\$65.510)	(\$112,198,595)
(C) RENEWABLES					\$	12,216,104		\$ 22,940,086		\$10,723,982
(D) ENGINE CYLINDER OIL (for MEC 8&9)					\$	3,803,026		\$ 3,169,188		(\$633,838)
(E) UREA (FOR AGGREKO)					\$	1,220,503		\$ 1,017,086		(\$203,417)
(F) FUEL HANDLING SERVICES					\$	15,283,468		\$ 13,965,812		(\$1,317,656)
(G) DSM REBATE PROGRAM					\$	3,000,000		\$ 3,000,000		\$0
FY2023 FUEL REVENUE BUDGET	3,200,842				\$	370,508,293		\$ 236,432,000		(\$134,076,293)

Revised Fuel Revenue Forecast:

RESIDUAL FUEL OIL NO.6 (0.2% LSRFO)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)		\$	Remarks
Approved Budget	1,488,150	\$66.535	\$27.331	\$93.865	\$	139,685,636	
Revised Requirement*	1,109,551	\$139.469	\$36.324	\$175.793	\$	195,051,563	MOPS increased due to Russia/Ukraine Conflict
RFO Budget Shortfall:						(55,365,927)	

DIESEL FUEL OIL NO.2 (ULSD)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,712,692	\$21.484	\$9.260	\$30.744	\$ 52,654,192	
Revised Requirement*	1,979,922	\$139.469	\$7.298	\$146.767	\$ 290,587,212	MOPS increased due to Russia/Ukraine Conflict
		\$ (237,933,020)				

\*Updated LEAC-23 & MOPS

TOTAL (RFO & ULSD) Budget Shortfall: (\$293,298,947)

FY 2023 FUEL REVENUE BUDGET REVISION:

FUEL REVENUE BUDGET	Approved Budget (10/03/22)	Amendment Request	Adjusted Budget
(A) RESIDUAL FUEL OIL #6 (0.2% LSRFO)	\$ 139,685,636	\$ 55,365,927	\$ 195,051,563
(B) DIESEL FUEL OIL NO.2 (ULSD)	\$ 52,654,192	\$237,933,020	\$ 290,587,212
(C) RENEWABLES	\$ 22,940,086	\$ -	\$ 22,940,086
(D) ENGINE CYLINDER OIL (for MEC 8&9)	\$ 3,169,188	\$ -	\$ 3,169,188
(E) UREA (FOR AGGREKO)	\$ 1,017,086	\$ -	\$ 1,017,086
(F) FUEL HANDLING SERVICES	\$ 13,965,812	\$ -	\$ 13,965,812
(G) DSM REBATE PROGRAM	\$ 3,000,000	\$ -	\$ 3,000,000
FUEL REVENUE BUDGET	\$ 236,432,000	\$293,298,947	\$ 485,638,775

 Non-Fuel Revenue
 \$ 160,800,000
 \$ - 5
 \$ 160,800,000

 Miscellaneous Revenue
 \$ 2,212,000
 \$ - 5
 \$ 2,212,000

 TOTAL GPA Revenue Budget
 \$ 399,444,000
 \$ 293,298,947
 \$ 648,650,775

GPA RESOLUTION NO. FY2023-05

### SUMMARY

	Original Proposal							Approved 8/24/2022		Variance	
FY2023 FUEL REVENUE BUDGET	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)		\$	Unit Cost (\$/bbl)	\$	Unit Cost (\$/bbl)	\$	
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	1,488,150	\$86.994	\$27.331	\$114.325	\$	170,132,405	\$93.865	\$ 139,685,636	(\$20.459)	(\$30,446,769)	
(B) DIESEL FUEL OIL NO.2 (ULSD)	1,712,692	\$86.994	\$9.260	\$96.254	\$	164,852,787	\$30.744	\$ 52,654,192	(\$65.510)	(\$112,198,595)	
(C) RENEWABLES					\$	12,216,104		\$ 22,940,086		\$10,723,982	
(D) ENGINE CYLINDER OIL (for MEC 8&9)					\$	3,803,026		\$ 3,169,188		(\$633,838)	
(E) UREA (FOR AGGREKO)					\$	1,220,503		\$ 1,017,086		(\$203,417)	
(F) FUEL HANDLING SERVICES					\$	15,283,468		\$ 13,965,812		(\$1,317,656)	
(G) DSM REBATE PROGRAM					\$	3,000,000		\$ 3,000,000		\$0	
FY2023 FUEL REVENUE BUDGET	3,200,842				\$	370,508,293		\$ 236,432,000		(\$134,076,293)	

### Revised Fuel Revenue Forecast:

RESIDUAL FUEL OIL NO.6 (0.2% LSRFO)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)		\$	Remarks
Approved Budget	1,488,150	\$66.535	\$27.331	\$93.865	\$	139,685,636	
Revised Requirement*	1,109,551	\$139.469	\$36.324	\$175.793	\$	195,051,563	MOPS increased due to Russia/Ukraine Conflict
RFO Budget Shortfall:						(55,365,927)	

DIESEL FUEL OIL NO.2 (ULSD)	bbls	MOPS (\$/bbl)	Premium (\$/bbl)	Unit Cost (\$/bbl)	\$	Remarks
Approved Budget	1,712,692	\$21.484	\$9.260	\$30.744	\$ 52,654,192	
Revised Requirement*	1,979,922	\$139.469	\$7.298	\$146.767	\$ 290,587,212	MOPS increased due to Russia/Ukraine Conflict
			ULSD Budg	get Shortfall:	\$ (237,933,020)	

<sup>\*</sup>Updated LEAC-23 & MOPS

TOTAL (RFO & ULSD) Budget Shortfall: (\$293,298,947)

### FY 2023 FUEL REVENUE BUDGET REVISION:

FUEL REVENUE BUDGET	Approved Budget (10/03/22)	Amendment Request	Adjusted Budget
(A) RESIDUAL FUEL OIL # 6 (0.2% LSRFO)	\$ 139,685,636	\$ 55,365,927	\$ 195,051,563
(B) DIESEL FUEL OIL NO.2 (ULSD)	\$ 52,654,192	\$ 237,933,020	\$ 290,587,212
(C) RENEWABLES	\$ 22,940,086	\$ -	\$ 22,940,086
(D) ENGINE CYLINDER OIL (for MEC 8&9)	\$ 3,169,188	\$ -	\$ 3,169,188
(E) UREA (FOR AGGREKO)	\$ 1,017,086	\$ -	\$ 1,017,086
(F) FUEL HANDLING SERVICES	\$ 13,965,812	\$ -	\$ 13,965,812
(G) DSM REBATE PROGRAM	\$ 3,000,000	\$ -	\$ 3,000,000
FUEL REVENUE BUDGET	\$ 236,432,000	\$ 293,298,947	\$ 485,638,775

Non-Fuel Revenue Miscellaneous Revenue \$ 160,800,000 \$ - \$ 160,800,000 \$ 2,212,000 \$ 399,444,000 \$ 293,298,947 \$ 648,650,775 TOTAL GPA Revenue Budget



# CONSOLIDATED COMMISSION ON UTILITIES Guam Power Authority | Guam Waterworks Authority

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

2 **GPA RESOLUTION 2021-23** 3 RELATIVE TO THE ADOPTION OF A BUDGET FOR THE 4 **GUAM POWER AUTHORITY FOR FISCAL YEARS 2022 AND 2023** 5 6 7 WHEREAS, the Guam Power Authority (GPA) is a Public Corporation of the Government of 8 Guam; and 9 10 WHEREAS, Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the 11 Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority; and 12 13 WHEREAS, Section 6.11 of the GPA Bond Indenture Agreement requires the Authority to 14 provide a copy of an approved budget to the Bond Trustee prior to the beginning of each fiscal year; and 15 16 WHEREAS, the General Manager of the Guam Power Authority has reviewed and proposes the 17 budget for Fiscal Years 2022 and 2023 totaling \$407,546,000 and \$399,444,000, respectively; and 18 19 WHEREAS, the General Manager has reviewed and proposes a Revenue Funded Capital 20 Improvement Project (CIP) budget totaling \$32,202,862 and \$22,122,263; and 21 22 WHEREAS, the General Manager has reviewed the budget to ensure that all budget expenditures 23 are consistent with the strategic goals of the Authority; and 24 25 NOW, THEREFORE BE IT RESOLVED BY THE CONSOLIDATED COMMISSION ON 26 UTILITIES AS THE GOVERNING BODY OF THE GUAM POWER AUTHORITY, AS 27 **FOLLOWS:** 28 29 1. The Fiscal Years 2022 and 2023 proposed budget of \$407,546,000 and \$399,444,000, 30 respectively, of operating revenues and operating expenses in addition to other cash flow 31 requirements such as debt services, working capital and conforming to obligatory debt 32 coverage ratio of 1.3 are hereby approved (Exhibit A).

33	2. The authorized level of positions	within the Authority shall be 490 FTEs.
34	3. The General Manager is authorize	ed to implement structural pay adjustment to the 25th market
35	percentile in Fiscal Year 2023 ba	ised on the 2017 Market Data or updated data as it becomes
36	available and subject to availabili	
37	-	ed to transfer no more than 10% of the overall approved GPA
38	_	be no transfer into the personnel account from other non-
39	labor accounts.	to the transfer that the personner account from other non-
10	labor accounts.	
	PERCOVATED A LA CLA	
41 42		the Commission certifies and the Board Secretary of this
12	Resolution.	
13		
14		
15	DULY and REGULARY ADOPT	ED AND APPROVED THIS this 24th DAY of AUGUST
16	2021	
17		
18		
	Certified by:	Attested by:
	A7.9	
	JOSEPH T. DUENAS	MICHAEL LIMTIACO
	Chairman Consolidated Commission on Utilities	Secretary Consolidated Commission on Utilities
	Consolidated Commission on Cititles	Consolidated Containssion on Othices
19 50	I, Michael Limtiaco, Secretary for th	e Consolidated Commission on Utilities (CCU), as
51	evidenced by my signature above do certify as	s follows:
52		
53	The foregoing is a full, true, and corre	ect copy of the resolution duly adopted at a regular meeting
i4	of the members of Guam Consolidated Comm	ission on Utilities, duly and legally held at the meeting
55	place properly noticed and advertised at which	n meeting a quorum was present and the members who were
6	present voted as follows:	
7	<i></i>	ALL ALLS
8 9	Ayes:	
0	Nays:	
1	Al-	
52 53	Absent:	5 (03.100)
4	Abstain:	
		The state of the s

### **GPA** Revenue Requirement Fiscal Year 2022 & 2023

### **Exhibit A**

Proforma	Income	Statements

	Proforma Income Statements	_				
	(in '000)		Y2022 oposed	FY2023 Proposed		
1	REVENUES					
2	Existing Base Rate Revenues	\$	156,200	\$	160,800	
3	Fuel Revenues		249,186		236,432	
4	Miscellaneous Revenues		2,160		2,212	
5	Total Revenues		407,546		399,444	
6	Bad Debt Expense		(1,223)		(1,198)	
7	Net Operating Revenues		406,324		398,245	
8						
9	Production Fuel		249,186		236,432	
10						
11	MEC		12,810		13,996	
13	IPP		12,810		13,996	
14						
15	O&M EXPENSES					
16	Yigo Diesel Units (Aggreko)		3,157		3,315	
17	Operating Supplies		3,229		3,316	
18	Utilities - Water & Communications		2,988		3,137	
19						
20	WORK FORCE					
21	Salaries		34,583		36,567	
22	Employee Benefits		11,948		12,571	
23	Retiree & Health Care		4,600		4,784	
24	Labor, Benefits & Retirees		51,131		53,922	
25	Less Capitalized Labor		(6,093)		(6,459)	
26 27	Personnel		45,038		47,463	
28	Apprentice labor		1,915		1,991	
29	Workforce Interns		1,000		1,100	
30	Workforce contracts		2,915		3,091	
31	Total Work Force		47,953		50,554	
32						
33	Fixed Management Fees (PMC)		2,770		2,853	
34	Apprentice supplies & others		40		52	
35	Security Guard/Armored Car Services		1,028		1,069	
36	Software & Network Maintenance		2,148		2,233	
37	Environmental protection		892		927	
38	Other Contracts		8,794		9,284	
39	Contractual		15,672		16,418	
40						

41	Insurance	6,868	7,212
42	Miscellaneous	1,868	1,961
43	Off Island Training	180	188
44	Training	102	162
45	Office Supplies	100	104
46	Other Administrative	65	68
47	Administrative & General	 9,184	 9,695
48		-,	-,
49	Total O&M Expenses	82,182	86,435
50	•	,	•
51	Depreciation	40,254	41,864
52	•		·
53	Total Operating Expenses	\$ 384,433	\$ 378,727
54			
55	Earnings From Operations	21,891	19,519
56			
57	Other Revenues (Expenses):		
58	Investment Income	1,000	1,000
59	Interest expense (ST Debt)	(30)	_
60	Interest Expense (Aggreko Lease Payment)	-	-
61	Interest expense (2012 Revenue Bond)	(14,290)	(13,254)
62	Interest expense (2014 Revenue Bond)	(3,411)	(3,328)
63	Interest expense (2017 Refunding Bond)	(7,418)	(7,402)
64	Other Expense/Income		
65	Amortization of Issuance Costs	 475	 475
66			
67	Net Earnings(Loss) Before Capital Contribution	(1,783)	(2,990)
68	Capital Contributions	 	 -
69			
70	Increase (Decrease) in Net Assets	\$ (1,783)	\$ (2,990)
71			
72	<b>Debt Service Coverage Calculation</b>		
73	Earnings From Operations	\$ 21,891	\$ 19,519
74	Add Interest Income	1,000	1,000
75	Add: Depreciation	 40,254	41,864
76	Balance Available for Debt Service	63,145	62,383
77	IPP Debt Service + Aggreko lease	-	-
78	Balance After IPP Debt Service	 63,145	62,383
79	Debt Service		
80	Bond Interest Expense	25,119	23,984
81	Bond Principal	 22,705	24,020
82	Total Debt Service	47,824	48,004
83			
84	Debt Service Coverage (Bond Method)	1.32	1.30
85	Debt Service Coverage (S&P Method)	1.32	1.30

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87	Cashflow Statement		
88	Net Income	\$ (1,783) \$	(2,990)
89	Depreciation & amortization	39,780	41,389
90	(Unrecovered)/recovered fuel cost	10,000	
91	CIP's-Internally Funded	(32,203)	(22,122)
92	Principal Payment (Aggreko Lease Payment)	-	-
93	Principal Payment (2012 Revenue Bond)	(20,715)	(18,215)
94	Principal Payment (2014 Revenue Bond)	(1,675)	(1,755)
95	Principal Payment (2017 Refunding Bond)	(315)	(4,050)
96	Principal Payment (IPP)	-	-
97	MEC Recapitalization	 (3,764)	(3,764)
98	Cash Carry Over-Surplus/(Deficit)	(10,676)	(11,507)
99	Beginning Balance	 56,556	45,880
100	Ending Balance	45,880	34,373

		FY2022 Proposed		FY2023 Proposed
Number of Employees		490		490
WORK FORCE				
Salaries & Wages				
Regular Pay	\$	32,172,868		33,936,167
Overtime Pay		2,077,000		2,284,700
Night Differential Pay	_	332,704	_	346,055
Sub-Total Employee Salaries		34,582,572		36,566,922
Employee Benefits				
Medical/Dental/Life		2,367,417		2,496,477
Retirement Contribution	_	9,580,998	_	10,074,260
Sub-Total Employee Benefits		11,948,415		12,570,737
Retiree Benefits		4,600,000		4,784,000
Total Labor & Benefits		51,130,987		53,921,659
Less Capitalized Labor		(6,092,991)		(6,458,572)
Total Personnel	\$	45,037,996	\$	47,463,087
Apprentice labor	\$	1,914,547	\$	1,991,128
Workforce Interns	_	1,000,000		1,100,000
Workforce contracts	\$	2,914,547	\$	3,091,128
Total Work Force	\$	47,952,543	\$	50,554,215
		FY2022 Proposed		FY2022 Proposed
		-		-
Contracts				
Apprentice	\$	40,000	\$	51,600
-Supplies & others	\$	40,000	\$	51,600
Environmental protection	\$	892,384	\$	926,878
-Compliance-Emission and water	\$	645,000	\$	743,600
-Used oil, catalyst and others	\$	247,384	\$	183,278

Fixed Management Fees (PMC) \$ 2,769,766 \$	2,852,859
- Cabras 1 & 2 \$ 1,972,488 \$	2,031,663
- CT \$ 797,278 \$	821,196
Software & Network Maintenance \$ 2,147,624 \$	2,233,528
-Advance Grid Analysis (AGA) \$ 140,000 \$	145,600
-JDE license \$ 250,300 \$	260,312
-MDMS SW License Renewal & Software Maintenance \$ 95,000 \$	98,800
-Oracle DB license renewal for CC&B Database \$ 73,000 \$	75,920
-Oracle DB license renewal for CC&B Database-DR \$ 47,000 \$	48,880
-Universal Credits of CHATBot \$ 32,000 \$	33,280
-CC&B SW Maintenance License fee renewal \$ 108,057 \$	112,380
-Other licenses \$ 1,402,267 \$	1,458,356
Security Guard/Armored Car Services \$ 1,028,000 \$	1,069,120
-Security Guard Services \$ 1,000,000 \$	1,040,000
-Armored Car Services \$ 28,000 \$	29,120
7 25,000 Ç	23,120
Audit Fee Financial \$ 125,000 \$	130,000
Building maintenance \$ 564,755 \$	587,348
Engineering Consultants \$ 93,500 \$	97,240
Grounds Maintenance \$ 412,360 \$	427,455
Heavy Equipment Maintenance \$ 35,150 \$	36,556
Heavy Equipment Rental \$ 67,450 \$	69,503
Land Lease \$ 134,800 \$	141,540
Legal Consultants \$ 30,000 \$	31,200
Light Vehicle Maintenance \$ 26,900 \$	27,976
Office Equipment Rental \$ 112,000 \$	116,480
Other Contractual Services	
- Regulatory consultant \$ 212,500 \$	221,000
-ESS \$ 86,000 \$	89,440
-GPS tracking \$ 88,800 \$	92,352
-Disposal of soot and used oil \$ 120,000 \$	120,000
-USDA snake control \$ 246,000 \$	258,300
-Fire suppression system inspection \$ 94,000 \$	96,820
-Others contractual services \$ 1,228,080 \$	1,289,488
Other Maintenance	
-Maintenance/Repair Fire Alarms & gas suppression systems \$ 128,000 \$	132,640
-Vegetation Management \$ 347,175 \$	499,062
-Surveillance camera \$ 30,000 \$	31,200
-Other maintenance \$ 277,808 \$	288,920
Other Professional Services	
-Consulting Services on Training and Assessment for Piti 7 \$ 247,000 \$	256,880
-Technical Services - Cabras 1&2 Overhaul \$ - \$	-
-Milsoft Texting System-Outage reporting \$ 47,000 \$	48,880
-Smart grid network system support \$ 185,000 \$	

	_	400.000	_	101000
-ESS and Renewables Consultant	\$	100,000	\$	104,000
-Consent decree legal services	\$	100,000	\$	104,000
-CC&B technical support	\$	300,000	\$	312,000
-Bill Print & news letters	\$	375,000	\$	390,000
-Insurance Risk Engineer	\$	119,000	\$	123,760
-Other professional services	\$	2,057,708	\$	2,137,216
Other Rental	\$	220,600	\$	229,030
Power Plant Accessory Equipment Maintenance	\$	178,390	\$	182,589
Radio Maintenance & Repair	\$	60,000	\$	62,400
Rental of Building	\$	79,200	\$	83,160
Technical Fees	\$	264,866	\$	273,451
Total - Other Contracts	\$	8,794,042	\$	9,284,286
Total Contract	\$	15,671,816	\$	16,418,271
Aggreko Units		3,157,000		3,314,850
Operating Supplies				
Accessory Equipment		246,500		252,720
Boiler & Associated Eqpt Parts		330,000		333,000
Chemicals		203,020		206,829
Conductors, Poles & Line HW		348,600		361,682
Copier Supplies		31,225		32,360
Coveralls/Uniforms		21,392		22,192
Diesel Fuel		100,000		104,000
Diesel Plant Parts		85,281		88,642
EPA & Others		61,875		62,670
Gases		203,716		205,697
Gasoline fuel		120,000		124,800
Janitorial Supplies		30,000		31,200
Lead Seals		3,000		3,120
Lubrication		208,645		215,606
Meter Test Parts, Etc.		16,125		16,770
Other Materials		333,799		342,838
Other Parts		261,600		267,924
Other Supplies		20,137		20,286
Printed Forms		26,015		26,773
Safety Supplies		129,593		133,703
SCADA Parts & Accessory		45,000		46,800
Station Equipment Repair Parts		41,800		43,472
Tires		40,000		41,600
Tools		85,237		88,250
Transformer Repair Parts		26,738		27,808
Turbine & Associated Eqpt parts		80,000		80,000
Vehicle & Heavy Equipment Parts		130,000		135,200

Total - Operating Supplies	3,229,298	3,315,942
Utilities - Water & Communications		
Courier Services	57,000	59,850
Postage	275,000	288,750
Telephone (Local)	145,000	152,250
Telephone (Overseas)	9,500	9,750
Utilities - Water	2,501,000	2,626,050
Total - Utilities - Water & Communications	2,987,500	3,136,650
Miscellaneous		
Ads & Radio Announcements	130,400	136,920
Board Fees	30,000	31,500
Collection Fees	1,300,000	1,365,000
Dues & Subscription	110,000	115,500
P.U.C.	200,000	210,000
Trustee / Bank Commission Fees	98,000	102,900
Total - Miscellaneous	1,868,400	1,961,820
Insurance		
Property	5,777,520	6,066,396
General Liability	76,536	80,363
Auto Liability	106,000	111,300
Pollution	150,000	157,500
Professional Liability	102,000	107,100
Excess General Liability	204,804	215,044
Excess Workmen's Compensation	15,236	15,998
Crime	32,895	34,540
Directors & Officers	68,229	71,640
Aggreko Insurance	220,000	231,000
Sub-Total: Property & Liability	6,753,220	7,090,881
Damage Claims	50,000	52,500
Workmen's Compensation (Safety)	65,000	68,250
Total - Insurance	6,868,220	7,211,631
Off-Island Training	180,356	187,570
Training & Materials	102,000	161,560
Office Supplies	100,000	103,945
Other Admin	65,000	67,600
Total Non-Labor	\$ 34,229,590	\$ 35,879,839

### FY2021 CAPITAL IMPROVEMENT PROJECTS (CIP) - REVENUE FUNDED

	FY2022 Proposed Budget		FY2023 Proposed Budget	
Overhaul	\$	14,900,505	\$	8,491,359
Network				, ,
- SCADA, Advanced Meter Infrastructure, E1 Enhancement and		3,390,508		1,380,800
Disaster Recovery				
Substation and Transmission Improvements		2,539,225		1,453,500
Water Well System Improvements		286,350		1,900,000
Heavy Equipment - Bucket trucks, Diggers		1,805,488		1,520,000
Other General		2,962,847		284,315
General Plant		25,884,923		15,029,974
Engineering Projects		2,192,765		2,750,000
Line Extensions		4,125,174		4,342,289
Total - CIP	\$	32,202,862	\$	22,122,263

REVISED 10/3/22	
GUAM POWER AUTHORITY (GPA)	FY23 Adjusted BUDGET
FY2023 APPROVED FUEL BUDGET	
(A) RESIDUAL FUEL OIL # 6 (RFO) / (Acct # 1000.151000.10)	
1. RFO Supply (Imports) Quantity (bbls)	
TOTAL RFO PURCHASED	\$139,685,636
(B) DIESEL FUEL OIL NO.2 (DFO) / (Acct # 1000.151000.20)	\$52,654,192
FUAL HANDLING SERVICES: (C) RENEWABLES / (Acct # 306000.501000.87)	\$22,940,086
(D) UREA (FOR AGGREKO) / (Acct # 58410.501000.83)	\$1,017,086
(E) ENGINE CYLINDER OIL (MEC) / (Acct # 55810.501000.83)	\$3,169,188
(F) OTHER FUEL HANDLING SVC / (Acct # 54900.501000.83) 1 Ship Demurrage Cost	\$212,147
2 Fuel Farm Mgmt, Operations & Maint - Fixed Mgmt Fees	\$1,497,302
3 Petroleum Inspection,Testing & Facility Calibration	\$1,058,692
4 Dock Usage fee (Dock Use Agreement)	\$1,881,347
5 Pipeline Agreement	\$568,238
6 Storage Agreement (RFO)	\$3,604,730 \$3,430,000
7 Storage Agreement (Diesel) 8 Vacuum Truck Rental	\$3,120,000 \$129,414
9 Bank Charges for RFO L/C Processing Fee	\$599,671
10 Clean Petro-Tanker Hauling Services	\$65,733
11 Labor and Others	
a. Labor	\$198,538
b. Other Fuel-related Expenses	
Subscriptions and Technical Books	\$200,000
Trainings & Seminars	\$30,000
13 MEC HSFO Storage Tank Cleaning, waste oil handling	\$800,000
14 DSM Rebates	\$3,000,000
Handling Services	<u>\$44,092,172</u>
Total Fuel Budget	\$236,432,000



### GUAM POWER AUTHORITY ATURIDÅT ILEKTRESEDÅT GUAHAN P.O. BOX 2977, HÅGATÑA, GUAM 96932-2977

### Issues for Decision

Resolution No.: FY2023-06

Relative to Authorizing GPA to Petition the Guam Public Utilities Commission (GPUC) to Maintain the LEAC for the period February 1, 2023 to July 31, 2023

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

The Guam Public Utilities Commission (GPUC) has established a Tariff under which the Guam Power Authority (GPA) is allowed to recover its fuel costs and fuel related costs under a factor which is reset and trued up every (6) six months through the Levelized Energy Adjustment Clause (LEAC). The deadline for the next filing is December 15, 2022.

On June 16, 2022, GPA has requested expedited relief to set a new LEAC effective July 1, 2022 to mitigate the growing under-recovery balance and filed phased-in increases for the LEAC Factor as follows: \$0.240413/kWh for meters read on or after July 1, 2022; \$0.270185/kWh for meters read on or after September 1, 2022; and \$0.296275/kWh for meters read on or after November 1, 2022 as the projected price of the combined fuels increased about \$25.16/bbl bringing the average projected cost for both types of fuel to \$142.04/bbl as compared to \$116.88/bbl in the original filing.

The phased-in LEAC factor increases requested by GPA was approved by the Guam Public Utility Commission (PUC) on June 16, 2022 as follows: \$0.251638/kWh for meters read on or after of July 1, 2022; and \$0.296043/kWh for meters read on or after September 1, 2022. The PUC determined that it will consider whether there is a need to increase the LEAC Factor further for the period of November 2022 at its October 27, 2022 as the increases would be too great of a financial impact given the economic conditions.

On October 27, 2022 the PUC approved the secondary LEAC Factor of \$0.318576/kWh for meters read on or after November 1, 2022 for maintaining the LEAC Factor of \$0.296043/kWh until the end of January 2023 would amount to the LEAC under-recovery of \$41 million.

### How much will it cost?

The average market price of residual fuel oil and diesel used in this filing for this the current period was approved at \$142.04/bbl. for the (6) six-month period ending January 31, 2023. The projected average price of residual fuel oil and diesel for the period ending July 31, 2023 is expected to be \$135.16/bbl.

The most recent Morgan Stanley market projections indicate declining fuel prices and projected under-recovery for the period ending July 31, 2023 at the current LEAC rate of \$0.318576/kWh is \$8.3 million.

GPA proposes to maintain the fuel cost at \$0.318576/kWh for the periods of February 1, 2023 through July 31, 2023.

GUAM CCU

### CONSOLIDATED COMMISSION ON UTILITIES

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

### GPA RESOLUTION NO. FY2023-06

# AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO PETITION THE GUAM PUBLIC UTILITES COMMISSION TO MAINTAIN THE LEVELIZED ENERGY ADJUSTMENT CLAUSE (LEAC) FOR THE PERIOD FROM FEBRUARY 1, 2023 TO JULY 31, 2023.

WHEREAS, the Guam Public Utilities Commission (GPUC) has established a Tariff under which the Guam Power Authority (GPA) is allowed to recover its fuel costs and fuel related costs under a factor which is reset and trued up every (6) six months through the Levelized Energy Adjustment Clause (LEAC); and

WHEREAS, the deadline for the next filing is December 15, 2022; and

WHEREAS, on June 16, 2022, GPA has requested expedited relief to set a new LEAC effective July 1, 2022 to mitigate the growing under-recovery balance and filed phased-in increases for the LEAC Factor as follows: \$0.240413/kWh for meters read on or after July 1, 2022; \$0.270185/kWh for meters read on or after September 1, 2022; and \$0.296275/kWh for meters read on or after November 1, 2022 as the projected price of the combined fuels increased

GPA RESOLUTION NO. FY2023-06

about \$25.16/bbl bringing the average projected cost for both types of fuel to \$142.04/bbl as

1 2

compared to \$116.88/bbl in the original filing; and

WHEREAS, the phased-in LEAC factor increases requested by GPA was approved by the Guam Public Utility Commission (PUC) on June 16, 2022 as follows: \$0.251638/kWh for meters read on or after of July 1, 2022; and \$0.296043/kWh for meters read on or after September 1, 2022. The PUC determined that it will consider whether there is a need to increase the LEAC Factor further for the period of November 2022 at its October 27, 2022 as the increases would be too great of a financial impact given the economic conditions; and

WHEREAS, on October 27, 2022 the PUC approved the secondary LEAC Factor of \$0.318576/kWh for meters read on or after November 1, 2022 for maintaining the LEAC Factor of \$0.296043/kWh until the end of January 2023 would amount to the LEAC under-recovery of \$41 million; and

WHEREAS, in June 2022, the GPA phased-in increases for the LEAC from the periods of July 1, 2022 through January 31, 2023, as ordered by the Public Utilities Commission, included the embedded rate of \$0.003109/kWh for the Demand Side Management (DSM) Program; establishing the funding source for the DSM Program that would provide roughly \$1.75M for a seven-month period. Total revenues collected for the DSM Program between the six-month period of May through October 2022 is \$1.94 million, or an average of \$324 thousand per month; and

GPA RESOLUTION NO. FY2023-06

1	WHEREAS, the average market price of residual fuel oil and diesel used in this filing
2	for this the current period was approved at \$142.04/bbl for the (6) six-month period ending
3	January 31, 2023. The projected average price of residual fuel oil and diesel for the period
4	ending July 31, 2023 is expected to be \$135.16/bbl; and
5	
6	WHEREAS, the most recent Morgan Stanley market projections indicate declining fuel
7	prices and projected under-recovery for the period ending July 31, 2023 at the current LEAC
8	rate of \$0.318576/kWh is \$8.3 million; and
9	
10	WHEREAS, GPA proposes to maintain the fuel cost at \$0.318576/kWh for the periods
11	of February 1, 2023 through July 31, 2023; and
12	
13	WHEREAS, an estimated \$1.5 million is included for costs associated with the Demand
14	Side Management rebate program for the anticipated LEAC period; and
15	
16	WHEREAS, GPA now is requesting the Consolidated Commission on Utilities to
17	authorize the Authority to file such petition with the Guam Public Utilities Commission.
18	
19	NOW, BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities
20	does hereby approve the following:
21	
22	The General Manager of the Guam Power Authority is authorized to petition the Guam Public
23	Utilities Commission to maintain the secondary voltage LEAC rate of \$0.318576/kWh effective
	GPA RESOLUTION NO. FY2023-06

1	for the period from February 1, 2023 t	to July 31, 2023. (LEAC factors for alternative voltage						
2	levels are as reflected in the attached spreadsheets in the attached Exhibit A.)							
3								
4	RESOLVED, that the Chairman certifies and the Board Secretary attests to the adoption							
5	of this Resolution.							
6								
7	DULY AND REGULARLY ADOPTED, this 29 <sup>th</sup> day of November 2022.							
8	Certified by:	Attested by:						
9								
10								
11	JOSEPH T. DUENAS	PEDRO ROY MARTINEZ						
12	Chairperson	Secretary						
13								
14	I, Pedro Roy Martinez, Board Secretary of the Consolidated Commission on Utilities							
15	(CCU), as evidenced by my signature above, do hereby certify as follows:							
16	The foregoing is a full, true and correct copy of the resolution duly adopted at a regular							
17	meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally							
18	held at a place properly noticed and advertised at which meeting a quorum was present and the							
19	members who were present voted as follows:							
20	Ayes:	<u> </u>						
21	Nays:							
22	Abstain:	<u> </u>						
23	Absent:							
	GPA RESOLUTION NO. FY2023-06 4							