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8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 7/16/17*	34-17-806
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 5/23/17*	34-17-807
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 4/18/17*	34-17-808
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 6/6/17*	34-17-809
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 3/21/17*	34-17-810
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 2/21/17*	34-17-811
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 1/24/17*	34-17-812
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 1/12/17*	34-17-813
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 12/6/16*	34-17-814
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeitng11/22/16*	34-17-815
8/2/2017	8/2/2017	Consolidated Commission on Uitlities	CCU Meeting 10/25/16*	34-17-816

2017 AUG -2 PM 12:48 filed

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OFFICE OF SPEAKER BENJAMIN J.F. CRUZ

Committee on Appropriations and Adjudication

I Mina'trentai Kuattro na Liheslaturan Guahan

Guam Congress Building | 163 Chalan Santo Papa | Hagatna, GU 96910

T: (671) 477-2520/1 | F: (671) 477-2522 | www.senatorbjcruz.com

Speaker Benjamin J.F. Cruz

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CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., February 21, 2017

AGENDA

1. CALL TO ORDER

2. APPROVAL OF MINUTES

3. COMMUNICATIONS
   - 3.1 Public Comments (2 min. per person)

4. NEW BUSINESS
   - 4.1 GWA
   - 4.1.1 GM Report Update
   - 4.1.2 Financials
   - 4.1.3 Resolution No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
   - 4.1.4 Resolution No. 19-FY2017 Relative to Approval of the Critical Wastewater Pump Station Repairs and High Water Alarms Construction Project
   - 4.1.5 Resolution No. 20-FY2017 Relative to Approval of 2016 Bond Fund as an Alternative Funding Source to PMO Amendment No. 5
   - 4.1.6 Resolution No. 21-FY2017 Relative to the Amendment of the Classification Standards of the Water Meter Repairer and the Water Meter Repairer Supervisor Positions
   - 4.1.7 Resolution No. 22-FY2017 Ratification of Purchases Under Indefinite Quantity Contract with JMI-Edison for the Purchase of Submersible Pumps and Motors for GWA Deep Wells

   - 4.2 GPA
   - 4.2.1 GM Report Update
   - 4.2.2 Financials
   - 4.2.3 Resolution 2017-07 Relative to Approval of the Contract Extension for Korean East-West Power (KEWP) for the Management, Operation and Maintenance of the GPA Cabras 3&4 Power Plants

5. OLD BUSINESS

6. ANNOUNCEMENTS
   - 6.1 Next CCU Meetings: GWA WS – March 15; GPA WS – March 16; CCU Meeting – March 21

7. EXECUTIVE SESSION
   - 7.1 Personnel Matter

8. ADJOURNMENT

CONSOLIDATED
COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., January 24, 2017

MINUTES

1. CALL TO ORDER
The Chairman called the regular monthly meeting of January 24, 2017 to order at 5:36p.m. He announced that all (5) Commissioners are present.

Others present at the meeting include:

Commissioners:

Joseph T. Duenas	CCU Chairman
Francis Santos	CCU Vice Chairman
George Bamba	CCU Secretary
Judith Guthertz	CCU Treasurer
Simon Sanchez	Member

Executive Mgmt.:

John Benavente	GM / GPA
Miguel Bordallo	GM / GWA
John Kim	CFO / GPA
Greg Cruz	CFO / GWA
Kelly Clark	Staff Attorney / GWA

Management & Staff:

Paul Kemp	AGM Compliance & Safety / GWA
Vangie Lujan	Compliance & Safety / GWA
Ron Topasna	GWA
Heidi Ballendorf	PIO / GWA
Art Perez	PIO / GPA
Karen Grape	IT / GWA
Joyce Sayama	Mgmt. Analyst / GPA Ex. Office
Ann Borja	Mgmt. Analyst / GWA Ex. Office
Lou Sablan	Board Secretary / CCU
Gilda Mafnas	CFO (Acting)
Dave Fletcher	GWA
Sandra Pablo	GWA Finance
Vicente Pangelinan	GWA

Guest:

Angelica Perez	AM Insurance
Annmarie Muna	AM Insurance

Andy Nivens	PUC
Nestor Licanto	KUAM
Bill Chang	B&C
George Watson	Brown & Caldwell
Craig Bennett	Resident
Kasia Bennett	Resident
Simon Camacho	GPA Retiree
Joseph Cruz	Resident
Andrew P.	PPTC
Telena Nelson	Senator
Darryl Taggerty	Senator Nelson's Office

2. APPROVAL OF MINUTES

The Minutes of December 6, 2016 was presented for approval.

Comm. Bamba motioned to approve the Minutes subject to verification and written correction; Comm. Santos seconded. There was no objection or discussion and the motion carried.

3. COMMUNICATIONS

3.1 Public Comments

Simon Camacho addressed the Commission relative to low morale. He is a retired GPA employee and spoke on behalf of employees especiallyfrom T&D. He gave the Commission a hard copy of several points of concern and asked the Commission for their review and kind respon

Craig and Kasia Bennett filed a complaint with the Commission regarding their application for water pipe installation to their new single family home. They do not agree with the charges that GWA has imposed on them and wanted the Commission to intervene. They submitted a detailed request and related map with details. The Chairman asked the GM to review their submittal and prepare a response via the CCU for review before submittal to the Bennett's.

Sandra Pablo and Joseph Cruz addressed their concern regarding raw sewage overflow at their residence at Rte 4, Talofofo. Ms. Pablo was very upset at the way GWA handled their situation. They said raw sewage was everywhere in their home and GWA wanted them to take inventory of all the damage in order to file a damage claim and that no claim has been filed; it is still a work in progress. They also mentioned that there was a fandango happening at their neighbor's next door and raw sewage was still all over the yard. Guest who parked in the vicinity of their home was walking on it. The said that GWA's response was one of indifference and is inexcusable.

The GWA GM said that GWA followed the correct procedure relative to this type of incidence and confirmed that all requirements were met.

Art Mendiola, a relative of Ms. Palomo voiced that GWA disagreed with the GM and said that not everything was met; more could have been done to remedy the raw sewage in the yard and said GWA did not do enough

4. NEW BUSINESS

4.1 GPA

4.1.1 GM Report Update

1. System Capacity Recovery Plan Update:

- The Dededo Combustion Turbine Plant is on schedule to be commissioned by March 31st, 2017. The plant would add 40 MW of reserve capacity into the system. The plant commissioning will complete our capacity recovery plan effort.
- The following updates our generation capacity recovery schedule:

Date	Description (IWPS Capacity)	MW Added	System MW	2017 Proj. Peak MW	Reserve MW
19-Jan-17	GPA Total Capacity***		386	262	124
28-Feb-17	Dededo CT 2 Commissioning	20	406	262	144
31-Mar-17	Dededo CT 1 Commissioning	20	426	262	164

*** Capacity does not include interruptible load, standby generators and Navy capacity.

Current Outage/Deration:		Capacity	Available	Unavalable	Return Date
	Cabras 1	66	58	8	15-Sep-17
	Medium Speed Diesels Hard Down (3ea.)	13	0	13	30-Sep-17
	Total:			21	
	MW Capacity Available Jan 19th 2017			365	
	Projected January Peak MW Demand			232	
	Available MW Reserve			133	

2 Net Metering: Net Metering Summary Ending December 2016:

Description:	Count	Kw
Active	**1,290**	**13,409**
Pending	143	1,840
Totals:	1,433	15,249

Service:	Count	KW	Kw/Customer
Residential	**1,219**	**10,975**	**9.0**
Others	71	2,434	34.3
Total:	1,290	13,409	10.4
% Residential	**94.5%**	**81.8%**	

Estimated 12 Months Revenue Impact:	$2,502,271

Net Metering Pay out and Carry Over Credits

Pay Out Credits:

Calender Year	Meter Count	Kwh	Amount	Average $/Kwh
CY 2015	74	152,793	$27,480	$0.180
CY 2016 **Estimated**	58	171,649	$32,000	$0.186

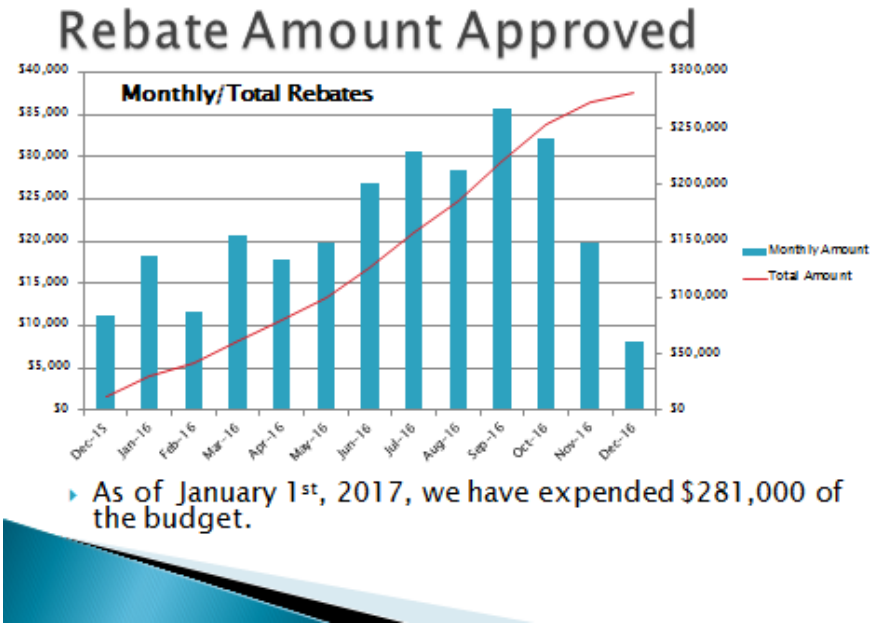
Carry Over Credits:

Calender Year	Meter Count	Kwh	Estimated Amount	Average $/Kwh
CY 2015	410	462,997	$83,270.55	$0.180
CY 2016 Estimated	237	393,433	$73,346.52	$0.186

3 **Combined Cycle Plant Land Bid**: The bid for about 40 acres of land near the GWA Northern Wastewater Treatment Plant will be issued next week.

4 Bond Ratings: Standard & Poor and Fitch have both recently affirmed GPA's investment grade rating with stable outlook. The loss of Cabras 3&4 was of concern to the rating agencies, but the continued efforts to update them on a regular basis on our recovery efforts and the minimal impact the explosion had on financials and service made us successful in maintaining our ratings

5 **DSM Program Update:** The following summarizes rebates thru January 1st 2017. The paid out rebate to date totals $281,000.



6 **Phase II Renewables Bid:**

- Priced proposals were opened on January 13, 2017. GPA is in the process of reviewing submittals to determine the lowest bidder(s).
- Bids for Solar PV system ranged from $0.062 to $0.210/ Kwh. Sole bid for Geo-thermal energy was $0.240/Kwh.
- The notification of successful bidder(s) is targeted for late January.
- A system stability analysis will need to be conducted for the successful bidder(s) proposal to determine the total cost impact for the project.
- I am targeting to provide a recommendation at the February CCU meeting. The contract will require PUC approval.

7 **Energy Storage System Bid:**

a. Technical Proposals were received from four companies.
b. Two companies were deemed acceptable and their price proposal were opened on January 18th.
c. Recommendation for award was added to tonight's agenda.

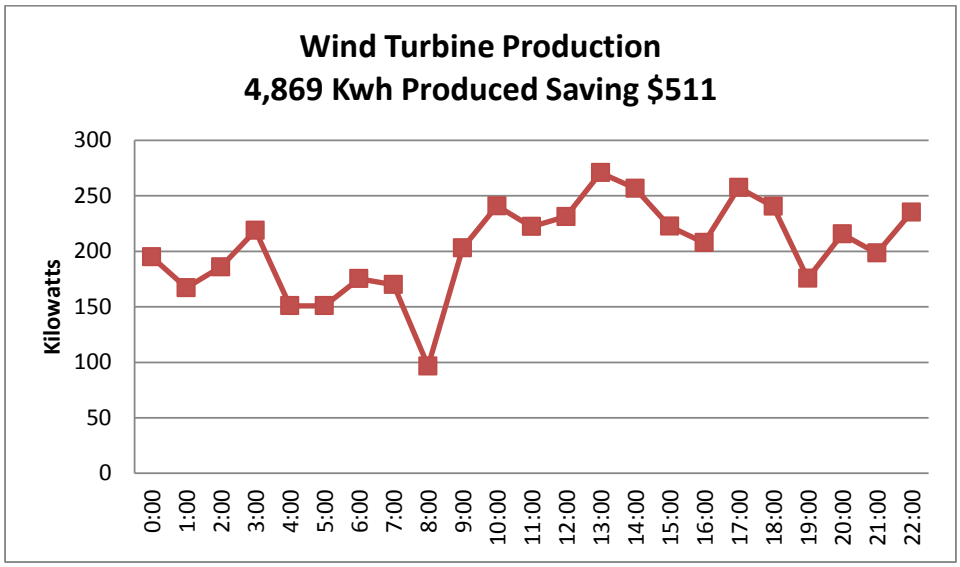
8 **Phase III Renewables Bid:**

9 We expect to announce this bid in February.
10 This is for Solar PV on land leased from the Navy.
11 Project capacity is about 35 MW

9. Other Key Bid Invitations Updates:

- The bids for the major engine overhaul of Diesel units have been received and are being evaluated. A recommendation will be brought to the CCU at the February meeting.
- LED Luminaires is being re-bid. This delays our change out work by about six months.

10. GPA Wind Turbine Production: The following is the production graph for Sunday, January 23rd

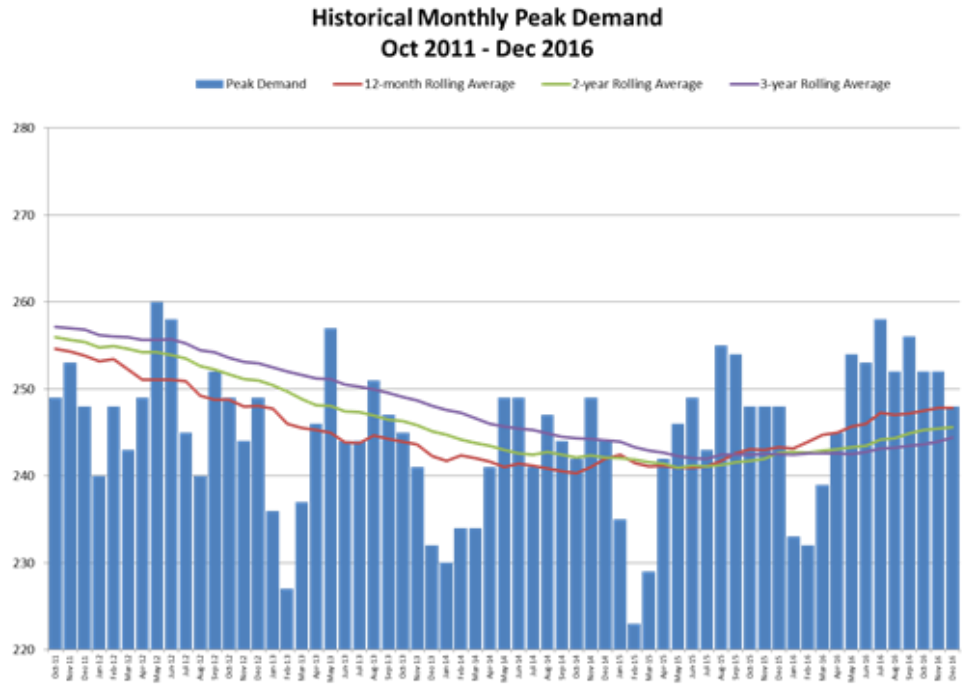


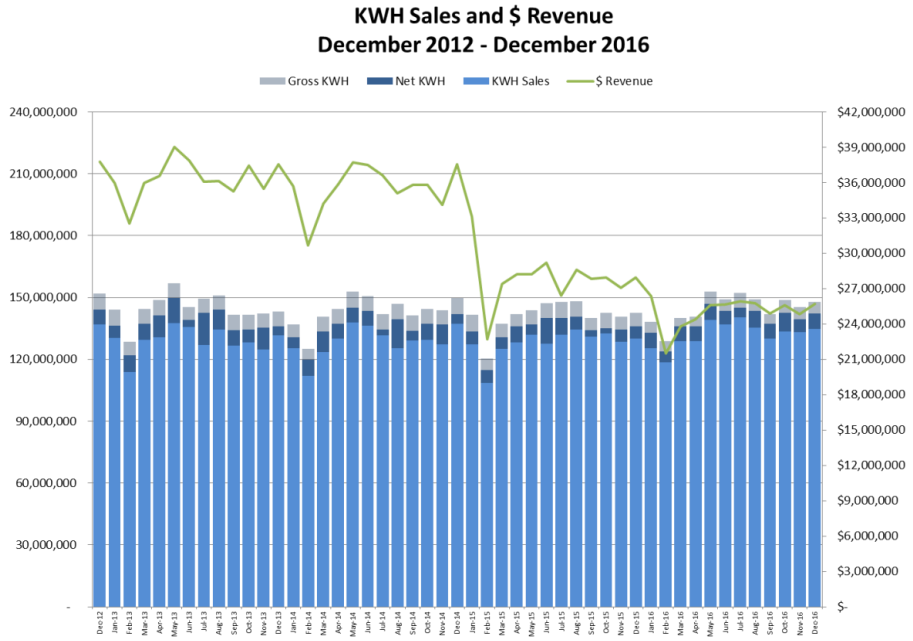
11. Public Commission on Utilities Dockets:

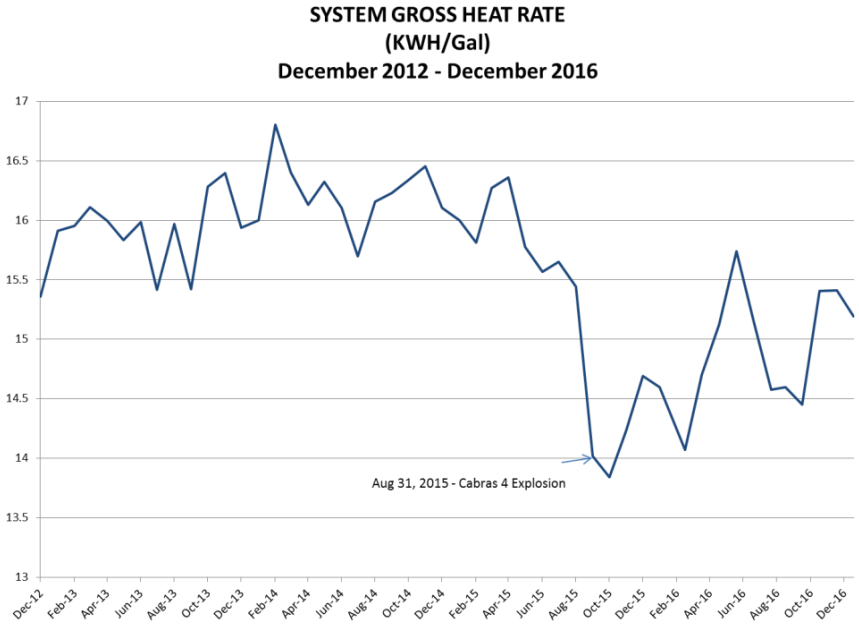
a. A decision on LEAC rate for the period February thru July is expected at their next week regular meeting.

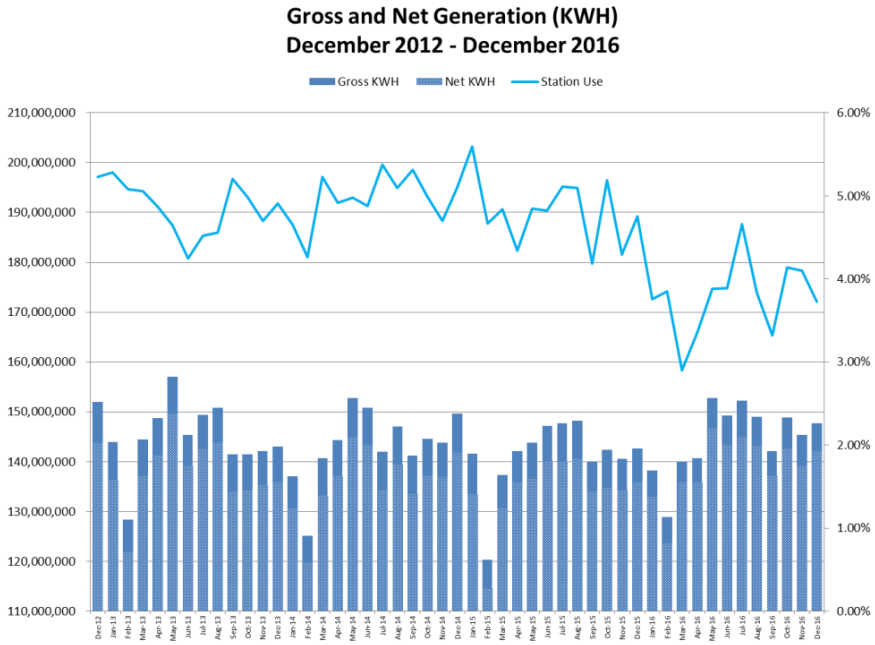
b. GPA Docket 16-01; Contract extension of the Cabras 3&4 EWP was approved for two months.

12. **Key Performance Indicators:** The following pages update information thru December 2016.



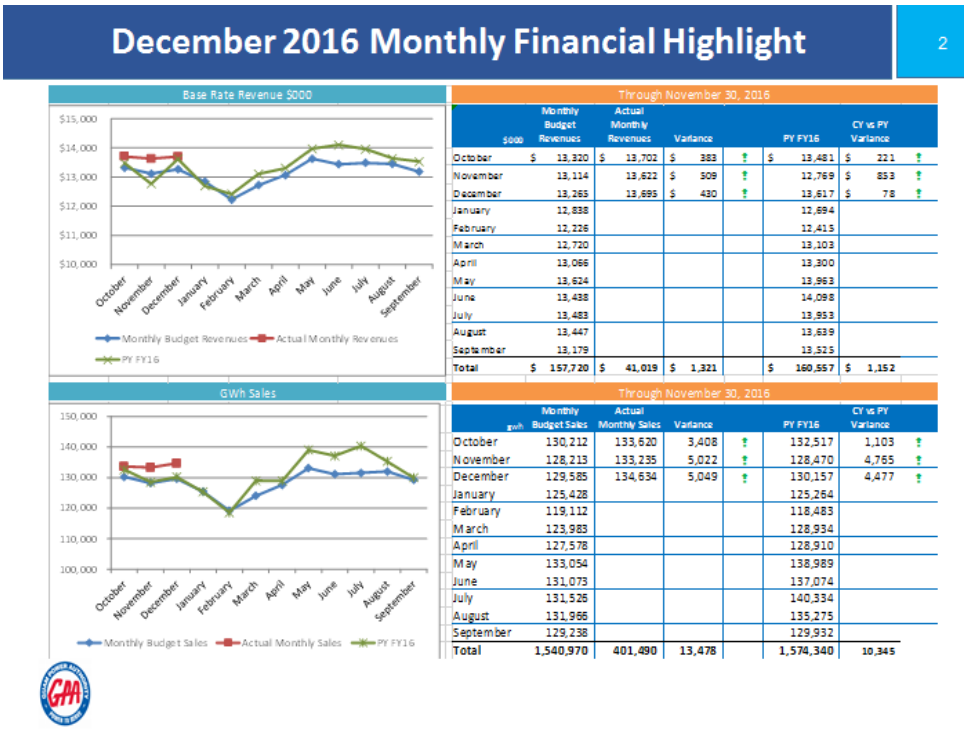

KWH Sales and $ Revenue
December 2012 - December 2016
Gross KWH
Net KWH
KWH Sales
$ Revenue
240,000,000
210,000,000
180,000,000
150,000,000
120,000,000
90,000,000
60,000,000
30,000,000
-
$42,000,000
$39,000,000
$36,000,000
$33,000,000
$30,000,000
$27,000,000
$24,000,000
$21,000,000
$18,000,000
$15,000,000
$12,000,000
$9,000,000
$6,000,000
$3,000,000
$-


SYSTEM GROSS HEAT RATE
(KWH/Gal)
December 2012 - December 2016
17
16.5
16
15.5
15
14.5
14
13.5
13
Aug 31, 2015 - Cabras 4 Explosion
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
Feb-16
Apr-16
Jun-16
Aug-16
Oct-16
Dec-16



4.1.2 Financials

CFO Kim provided highlights for December 2016



Through November 30, 2016

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY16	CY vs PY Variance	
October	$ 13,320	$ 13,702	$ 383	↑	$ 13,481	$ 221	↑
November	13,114	13,622	$ 509	↑	12,769	$ 853	↑
December	13,265	13,695	$ 430	↑	13,617	$ 78	↑
January	12,838				12,694		
February	12,226				12,415		
March	12,720				13,103		
April	13,066				13,300		
May	13,624				13,963		
June	13,438				14,098		
July	13,483				13,953		
August	13,447				13,639		
September	13,179				13,525		
Total	$ 157,720	$ 41,019	$ 1,321		$ 160,557	$ 1,152	

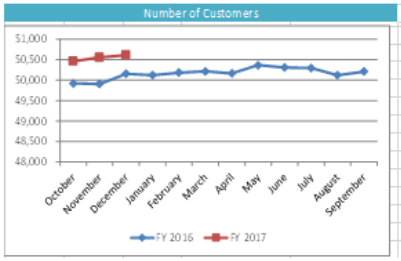
Through November 30, 2016

gwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY16	CY vs PY Variance	
October	130,212	133,620	3,408	↑	132,517	1,103	↑
November	128,213	133,235	5,022	↑	128,470	4,765	↑
December	129,585	134,634	5,049	↑	130,157	4,477	↑
January	125,428				125,254		
February	119,112				118,483		
March	123,983				128,934		
April	127,578				128,910		
May	133,054				138,989		
June	131,073				137,074		
July	131,526				140,334		
August	131,966				135,275		
September	129,238				129,932		
Total	1,540,970	401,490	13,478		1,574,340	10,345	

December 2016 Monthly Financial Highlight (Continued)

3

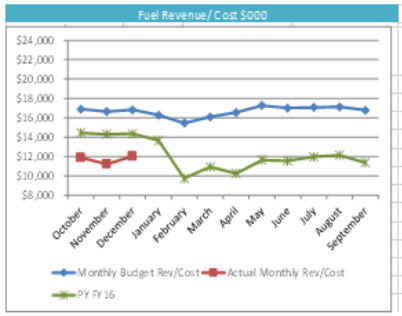
Number of Customers



Through November 30, 2016

	FY 2016	FY 2017	Variance
October	49,919	50,460	541
November	49,905	50,552	647
December	50,155	50,611	456
January	50,119		
February	50,180		
March	50,212		
April	50,162		
May	50,366		
June	50,306		
July	50,293		
August	50,119		
September	50,207		

Fuel Revenue/Cost $000



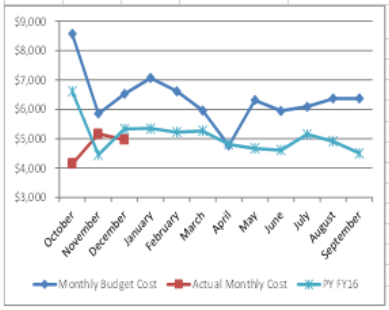
Through November 30, 2016

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance	PY FY16	CY vs PY Variance
October	$ 16,901	$ 11,894	$ (5,008)	$ 14,443	$ (2,549)
November	16,642	11,215	$ (5,427)	14,306	$ (3,091)
December	16,820	12,036	$ (4,784)	14,349	$ (2,313)
January	16,280			13,663	
February	15,460			9,739	
March	16,093			10,924	
April	16,559			10,256	
May	17,270			11,637	
June	17,013			11,536	
July	17,072			11,966	
August	17,129			12,146	
September	16,775			11,375	
Total	$ 200,015	$ 35,145	$ (15,218)	$ 146,340	$ (7,953)

December 2016 Monthly Financial Highlight (Continued)

4

O&M Cost $000



Through November 30, 2016

$000	Monthly Budget Cost	Actual Monthly Cost	Variance	PY FY16	CY vs PY Variance
October	$ 8,564	4,135	4,429	6,605	2,470
November	5,846	5,158	688	4,452	(707)
December	6,520	4,967	1,553	5,330	363
January	7,063		7,063	5,346	5,346
February	6,616		6,616	5,220	5,220
March	5,958		5,958	5,267	5,267
April	4,783		4,783	4,806	4,806
May	6,304		6,304	4,662	4,662
June	5,943		5,943	4,608	4,608
July	6,083		6,083	5,143	5,143
August	6,366		6,366	4,906	4,906
September	6,366		6,366	4,501	4,501
Total	$ 76,394	$ 14,261	$ 62,133	$ 60,847	$ 46,587

Debt service coverage (DSC) calculation-indenture	2012	2013	2014	2015	2016	YTD Dec 2016
Senior lien coverage	2.13	3.36	3.16	3.62	3.35	3.06
Aggregate debt service coverage	1.35	1.88	1.98	2.62	3.35	3.06
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.29	2.16	2.25	2.56	2.52	2.38
Aggregate debt service coverage	0.82	1.21	1.41	1.85	2.52	2.38

4.1.3 Resolution 2017-01 Approval of EPCM for New Generation

GPA issued an RFP to provide Engineering and Technical support in the development of procurement of up to 180MW of new generation capacity through an IPP Contract model. The new power plant is required under GPA's USEPA Compliance Plan for the compliance of the Cabras 1&2 and MEC Power Plants under the EGU MATS and RICE MACT regulations. GPA has estimated $750,000 for the procurement development task. For additional other tasks and scopes of work, GPA will obtain CCU and PUC approval at the appropriate time. These other tasks and scopes are best decided upon as more information is available. For the initial procurement development task GPA has estimated 3-6 months to develop and obtain CCU and PUC approval. GPA's compliance plan has new plants commissioned by December 2020. GPA has obtained approval for use of $750,000 from 2014 Bond Funds LNG Initial Startup Project through CCU Resolution 2015-21 and PUC Order Docket 15-05 issued on October 29, 2016. GPA evaluated Stanley Consultants, Inc as the most qualified and responsive proposal from the submitted proposals. GPA recommends to award and to assign the initial task of the procurement development for the IPP contract. GPA intends to use the EPCM as Owner's Engineer during design and construction of the power plant which will be negotiated later.

Comm, Santos motioned to approve Resolution 2017-01. Comm. Guthertz seconded.

For the record, Comm. Sanchez recused himself because a company he has interest in may be one of bidders and has potential for conflict. Comm. Bamba may also have conflict and asked to be recused

On the motion there were 3 – ayes and 2 abstentions.

4.1.4 Resolution 2017-02 Approval of Fuel Oil Hedging Program

The objective is to have established agreements with potential hedging counterparties that outline the terms applied to the derivatives transactions between GPA and these counterparties. Henceforth to allow GPA to systematically hedge as the needs arise. There will be associated premium for the volume to be traded depending on the kind of hedging instrument GPA will utilize. The premium cost of the hedging will be around $1.13 Million. Once GPA receives authorization to petition the PUC for their authorization and approval, the authorization documents will be presented to the various hedging counterparties with the signed agreements for their records. The hedging trade term will be 3-month to 6-month period. The anticipated funding source for this project is LEAC

In discussion Comm. Bamba said to be cautious because hedging is 2-edge sword. Comm. Sanchez asked management if the timing is really now for hedging; he's curious to know what experts are thinking and if they feel now is time to hedge and wants to hear their opinion. CFO Kim said our consultants think it is wise to hedge now vs. later. Comm. Gutherz said in the news this morning the President may go after the oil wells. At the end of discussions, the Commission asked management to look at this a little bit more. They asked management to get Consultants rationale behind their thinking. While the resolutions is only for authority to hedge when needed the Commission said to go back and ask why they are recommending to hedge in the first place.

This resolution was tabled

4.1.5 Resolution 2017-03 Establishment of Internal Audit Positions

This resolution petitions the CCU to create a Utility Auditor I, II, III, Revenue Protection Utility Investigator, and Revenue Protection Utility Analyst positions in the classified service as allowed by Public Law 28-112 and 4 GCA §6303. GPA Personnel Rules and Regulations Section 7.03 (c), authorizes the General Manager to petition the CCU to amend, to include, but not limited to, deleting, adding, or modifying such positions, the approved list of the Authority's Certified, Technical, and Professional positions. The creation of the Utility Auditor I, II, and III positions are essential to assist GPA management and the CCU in the effective discharge of their responsibilities and governance by furnishing independent analysis, appraisals,recommendations, counsel and information concerning activities under audit to the utility. The creation of the Revenue Protection Utility Investigator and Revenue Protection Utility Analyst positions are essential to institute an effective revenue protection program to minimize the loss of revenue due to meter tampering and unauthorized electrical connections. The minimum salary range based on the market data for 2007 for CTP is as follows: Auditor I - $34,318 per annum; Auditor II - $43,648 per annum; Auditor III - $52,820 per

annum; Revenue protection investigator - $45,420 per annum and Revenue Protection Analyst - $52,820 per annum. The salaries are funded by revenue funds and once approved by the CCU it will be filed with the Guam Legislature with a waiting period of 30 days.

Comm. Guthertz said these positions are critical and endorses a strong internal audit program.

Comm. Guthertz motioned to approve Resolution 2017-03; Comm. Bamba seconded. There was no further discussion or objection and the motion passed.

4.1.6 GPA Resolution 2017-04 / GWA Resolution 17-FY2017 Legislation for Health Insurance

GPA and GWA have recognized that an opportunity for savings exists if GPA and GWA are authorized to procure separate health group insurance for their employees, based on the experience of the Judiciary, which has procured its own health group insurance. The CCU has reviewed the proposed draft legislation which would authorize GPA and GWA to procure separate group health insurance, and the CCU recognizes there is an opportunity for savings.

The General Manager of the Guam Power Authority and the General Manager of the Guam Waterworks Authority are authorized to submit the draft legislation to the legislature for consideration, which if enacted would authorize GPA and GWA to procure separate health group insurance for its employees. Once approved by the CCU and PUC an RFP will be prepared which will determine the costs and benefit package for our employees. If this program comes to fruition, it will be funded by revenue funds.

In discussion, Comm. Guthettz asked if management is going to provide any data to Legislature . Comm. Santos responded that they have all the data and that's what they don't want to show. Comm. Guthertz said she does not want to short change GPA retirees. Comm. Sanchez said GPA/GWA may seek new policy for their employees while retirees remain in the master Guam plan. Comm. Guthertz further stated she does not want to lock out retirees of any potential benefits / savings. Comm. Sanchez then recommended to add "retirees" to the resolution

Comm. Sanchez motioned to approve Resolution 2017-04; Comm. Santos seconded.

Comm. Guthertz motioned to amend Resolution 2017-04 and to add “retirees” on line 21 after the word “employees” ; Comm. Bamba seconded

On the amendment to the resolution – all were in favor

On the entire resolution – all were in favor and Resolution 2017-04 passed unanimously.

4.1.7 Resolution 2017-05 Authorization for Diesel Supply for Base Loads and Peaking Units

The Guam Power Authority’s current contract for Supply of Diesel Fuel Oil No. 2 for the Baseload Plants and Peaking Units is expiring in December 2017. The fuel supply contract with an increase in the estimated supply quantity is necessary to provide uninterrupted supply of fuel for the Baseloads and Peaking units.

Diesel Fuel Oil No.2 will be supplied to the following plant locations:

Baseloads (Cabras 1&2 and MEC 8&9)
Tenjo Vista
Fast Tracks (Manenggon and Talofofo)
TEMES CT
Northern Plants (Dededo CT, Macheche CT and Yigo CT, Aggreko)

The 2-year contract is estimated to exceed $1.5M requiring prior approval from the PUC. The contract is planned for an initial period of two years to commence on or about January 01, 2018 and to expire on December 31, 2019, with the option to extend for three (3) additional one-year terms. This procurement will be funded by revenue funds. The IFB solicitations will commence after CCU approval.

Comm. Guthertz motioned to approve Resolution 2017-05; Comm. Sanchez seconded. There were 4 ayes and 1 abstention. For the record, Comm. Bamba recused himself.

4.1.8 Resolution 2017-06 Relative to Contract Award Energy Storage System Phase I

The project will help alleviate system frequency issues and support renewable energy integration. The ESS is required to mitigate issues resulting from the intermittency of the solar generation from the NRG solar farm and net-metering solar PV throughout the island. This storage system will be located at the Agana Substation: 24 MW and the Talofofo Substation: 16 MW. The project cost is estimated to be: Design and Construction: $34,999,070 and Annual O&M: Starting from $217,040 and increases to $400,997 by year 25. The anticipated completion date is 12 months from Notice to Proceed. Management identified the funding source to be:

Design/Construction:
$34,632,781 from 2014 Series A Revenue Bond
$366,289 from FY2018 CIP Budget
O&M:
$217,040-$400,997 from O&M Budget

Multi-Step Bid No. GPA-082-15
Energy Storage System Phase I
Step 2 Evaluation of Priced Proposals Results

	LG CNS		LSIS	
	24 MW Agana	16 MW Talofofo	24 MW Agana	16 MW Talofofo
Design & Construction	$ 16,799,554	$ 18,199,516	$ 25,096,815	$ 22,079,750
Fixed O&M Annual Fee				
Year 1	$ 108,520	$ 108,520	$ 394,662	$ 394,662
Year 2	$ 111,259	$ 111,259	$ 394,662	$ 394,662
Year 3	$ 114,075	$ 114,075	$ 394,662	$ 394,662
Year 4	$ 116,969	$ 116,969	$ 394,662	$ 394,662
Year 5	$ 119,943	$ 119,943	$ 394,662	$ 394,662
Year 6	$ 123,000	$ 123,000	$ 394,662	$ 394,662
Year 7	$ 126,143	$ 126,143	$ 394,662	$ 394,662
Year 8	$ 129,373	$ 129,373	$ 394,662	$ 394,662
Year 9	$ 132,693	$ 132,693	$ 394,662	$ 394,662
Year 10	$ 136,106	$ 136,106	$ 394,662	$ 394,662
Year 11	$ 139,615	$ 139,615	$ 394,662	$ 394,662
Year 12	$ 143,222	$ 143,222	$ 394,662	$ 394,662
Year 13	$ 146,931	$ 146,931	$ 394,662	$ 394,662
Year 14	$ 150,744	$ 150,744	$ 394,662	$ 394,662
Year 15	$ 154,663	$ 154,663	$ 394,662	$ 394,662
Year 16	$ 158,694	$ 158,694	$ 394,662	$ 394,662
Year 17	$ 162,837	$ 162,837	$ 394,662	$ 394,662
Year 18	$ 167,098	$ 167,098	$ 394,662	$ 394,662
Year 19	$ 171,479	$ 171,479	$ 394,662	$ 394,662
Year 20	$ 175,984	$ 175,984	$ 394,662	$ 394,662
Year 21	$ 180,617	$ 180,617	$ 394,662	$ 394,662
Year 22	$ 185,380	$ 185,380	$ 394,662	$ 394,662
Year 23	$ 190,279	$ 190,279	$ 394,662	$ 394,662

Year 24	$ 195,316	$ 195,316	$ 394,662	$ 394,662
Year 25	$ 200,498	$ 200,499	$ 394,662	$ 394,662
Site Present Value	$ 17,521,245	$ 18,841,964	$ 28,435,773	$ 25,589,486
Total Cost	$ 36,363,208		$ 54,025,259	

Comm. Guthertz motioned to approve Resolution 2017-06; comm. Sanchez seconded. There was no further discussion or objection and the motion passed unanimously.

4.2 GWA

4.2.1 GM Report Update

1. TMW License Agreement:

a. GWA continues operations and maintenance at TMW.

b. Operation has been affected by multiple equipment issues:

i. Fan failure: unit being serviced

ii. Oxygen sensor: failed; replacement being procured

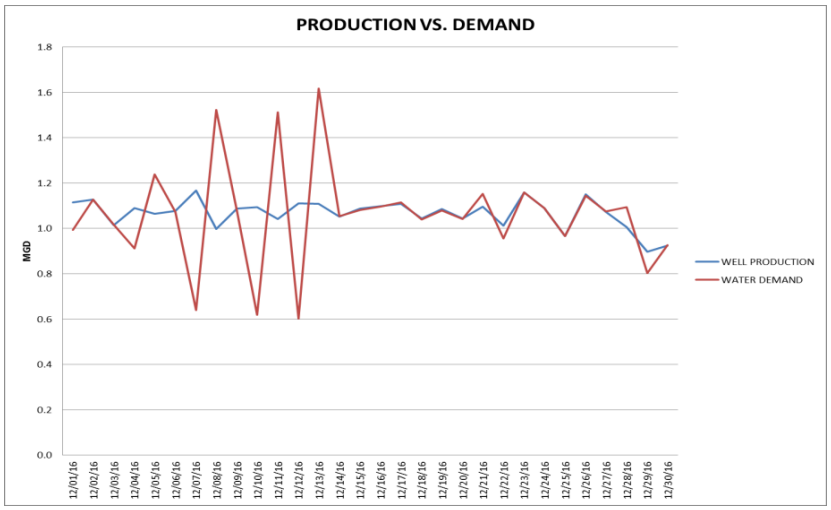
iii. Level indicator: failed; replacement being procured – affected booster pump operation feeding into system; operating with adjustment to setpoints.

c. GWA has met with DoD and DPW/PB to finalize GWA's work for the Potts Junction intertie.

d. Production:

i. Fairly consistent between 1.0 and 1.2 million gallons per day (MGD), with the exception of several events tripped equipment events - see chart below.

ii. Total production in November was **27,098,700 gallons.** Total Production in December was 33,124,400.



2. **Easement Request for Agat WWTP Project**
    a. NBG Installation Commanding Officer approved the easement grant at no cost.
    b. Still waiting on Commander Navy Installation Command on the term and type of request approval.
    c. GWA is willing to do 50% of the maintenance of the easement as part of the contribution.
    d. GWA will pay for appraisal and survey for legal meets and bounds if needed for the agreement.
3. **Interoperability Options – future projects**
    a. Santa Rosa.
    b. Route 15 line connection.
    c. Agana Heights tanks (GWA and Naval Hospital).
    d. Urunao and the Wildlife Refuge.

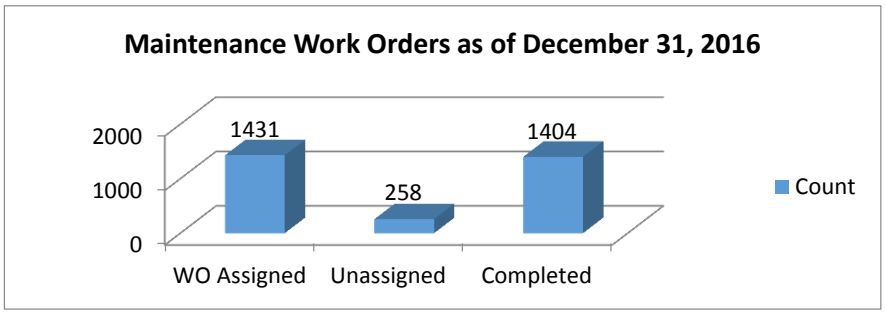
OEA Grants – Guam Water-Wastewater Infrastructure Projects

- PM/CM award pending; negotiations finalized.
- GWA is providing assistance to USEPA for NEPA process associated with initial project; formal NEPA activities pending contract (USEPA).
- NGLA Monitoring Wells – final siting report issued; prioritization underway to set preference for installation locations and rehabilitation.
- GWWIST meeting scheduled for February in Guam.

Action Item	Date (Target)	Date (Actual)	Status
Project Funds Available	~~Oct-15~~ / July-16	AUG-30-16	Completed
Land Acquisition	~~Sep-16 (?)~~ Jan-17		On-target
Procure PM/CM Firm	~~Apr-16~~ / Jan-17		On-target
Procure Design Firm	~~Oct-16 (?)~~ Jul-17		On-target
Design -- 30/60/90/Final -- Review	~~Nov-17~~ Jun-18		On-target
NEPA Analysis and Determination	~~Aug-17~~ Feb-17		??
Procure Construction Firm	~~Jun~~Dec-18		On-target
Construction Complete/Commence Operations	Nov-21		On-target
Sewer line connection from MCB to GWA infrastructure	~~TBD (?)~~ Jul-19		On-target
MCB Initial Operating Capability	Jul-22		On-target

Asset Management

- CMMS system went live on October 3, 2016.
- Weekly and monthly meetings continue
- Over 3,000 Work Orders issued so far.
- Over 1,404 Work Orders completed.

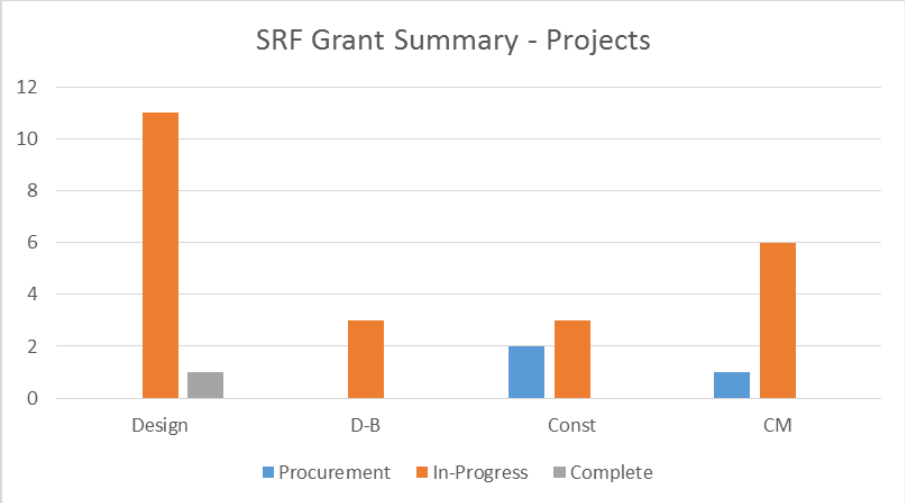


USEPA SRF Projects

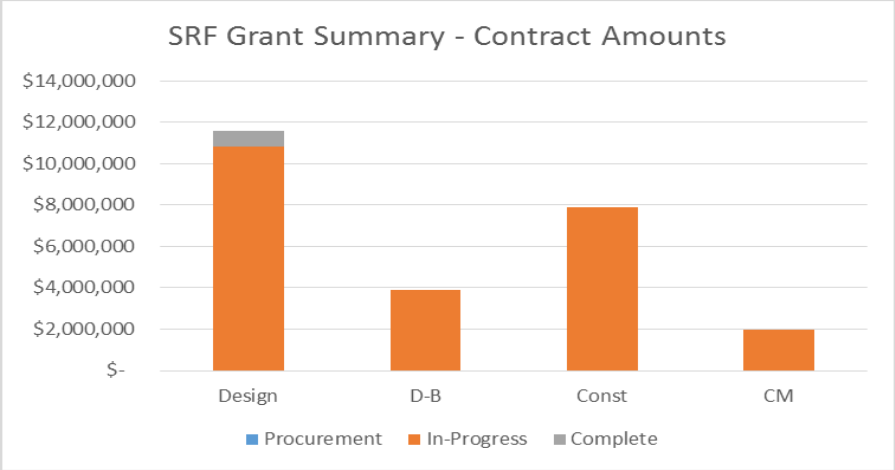
- Summary of all SRF grant funded projects are shown below.

SRF Grant Summary - Projects

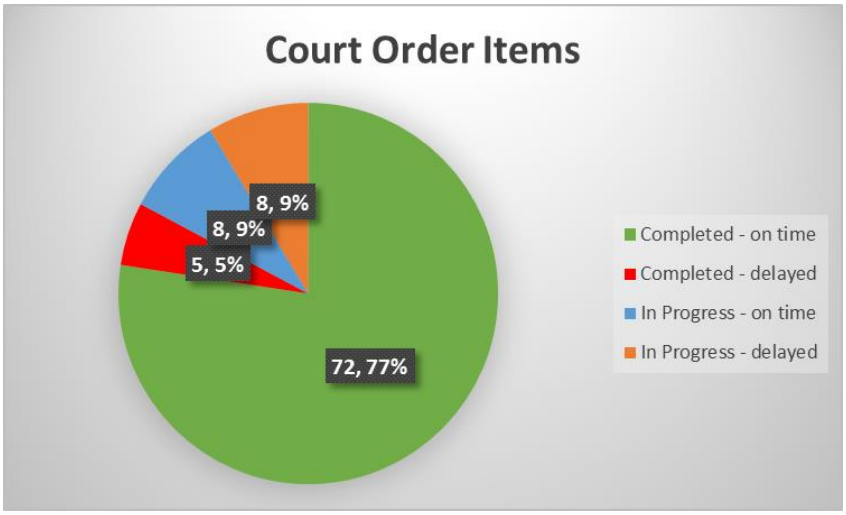
	Procurement	In-Progress	Complete	Totals	%
Design	0	11	1	12	44%
D-B	0	3		3	11%
Const	2	3		5	19%
CM	1	6		7	26%
Totals	3	23	1	27	
%	11%	85%	4%		



SRF Grant Summary - Contract Amounts					
	Procurement	In-Progress	Complete	Totals	%
Design	$ -	$ 10,812,544	$ 792,980	$ 11,605,524	46%
D-B	$ -	$ 3,898,896		$ 3,898,896	15%
Const	$ -	$ 7,883,710		$ 7,883,710	31%
CM	$ -	$ 1,969,876		$ 1,969,876	8%
Totals	$ -	$ 24,565,026	$ 792,980	$ 25,358,006	
%	0%	97%	3%		



Court Order



Court Order Summary

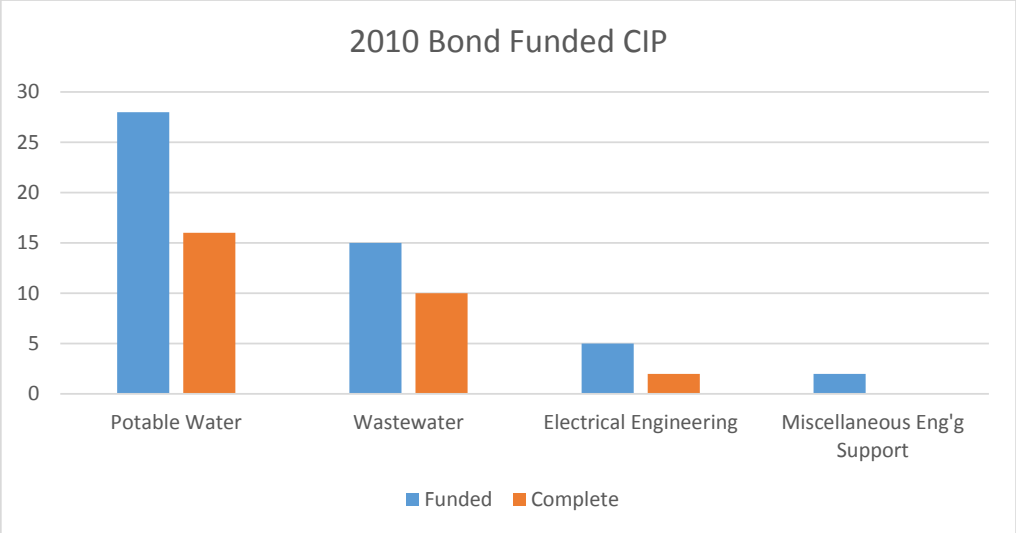
	Court Order Items	%	Performance (on-time or completed)
Completed - on time	72	77%	
Completed - delayed	5	5%	
In Progress - on time	8	9%	
In Progress - delayed	8	9%	91.4%
Totals	93	100%	

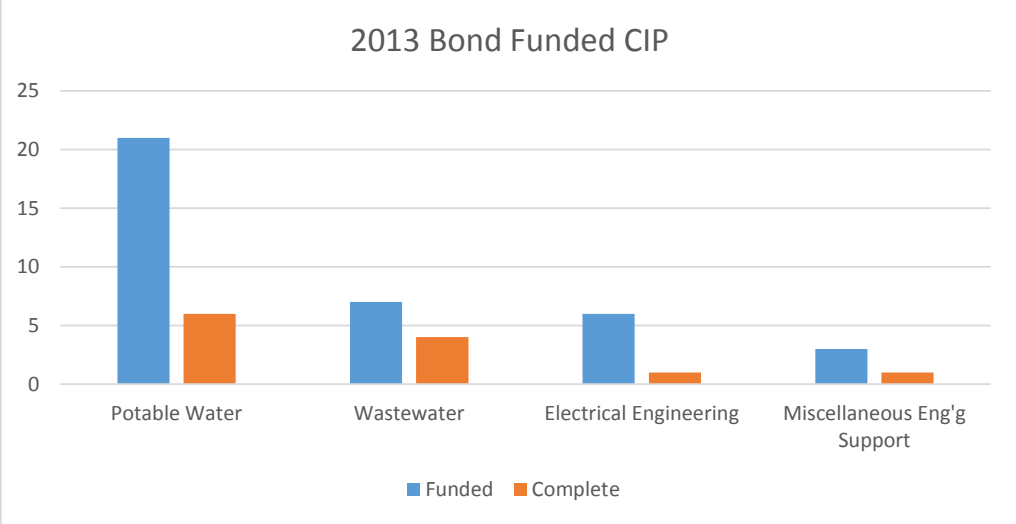
- 8 items delayed
  - SSES (2 items)
  - Agat/SR System Upgrades (2 items)
  - Sewer Cleaning
  - CCTV
  - Cl Residual Monitors
  - Meters
- Final Date to complete all Court Order items is December 21, 2020.
- Overflow or Bypass events reported to USEPA – 6 events reported in December 2016 and January 2017
  - 4 – Manholes due to rain (Rt. 10 by Wendy's, Rt. 4 by McDonald's, 2x by Harmon Lift Station–2016 & 2017)
  - 1 – Sensor failure (Rt. 10 Pump Station)
  - 1 – Manhole & residential backup due to rags & grease (Talofofo)
  -

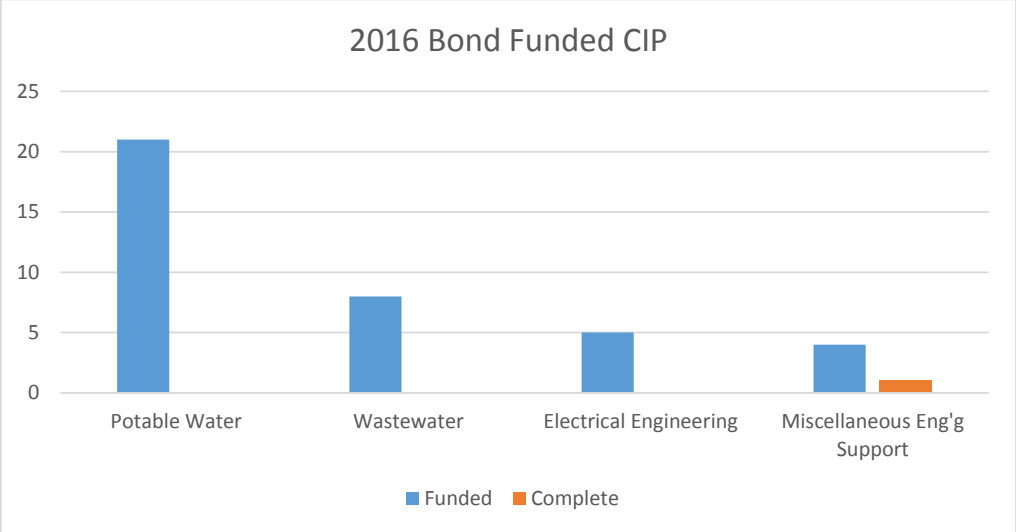
CIP Summary

CIP Summary - Project Encumbrance

	2010 Bond		2013 Bond		2016 Bond			
	Funded	Complete	Funded	Complete	Funded	Complete	Total CIP Projects	%
Potable Water	28	16	21	6	21	0	31	53%
Wastewater	15	10	7	4	8	0	16	27%
Electrical Engineering	5	2	6	1	5	0	9	15%
Miscellaneous Eng'g Support	2	0	3	1	4	1	3	5%
Totals	50	28	37	12	38	1	59	100%
% of Total CIP by Fund Source	85%		63%		64%			
% of CIP Funding Completed		56%		32%		3%		

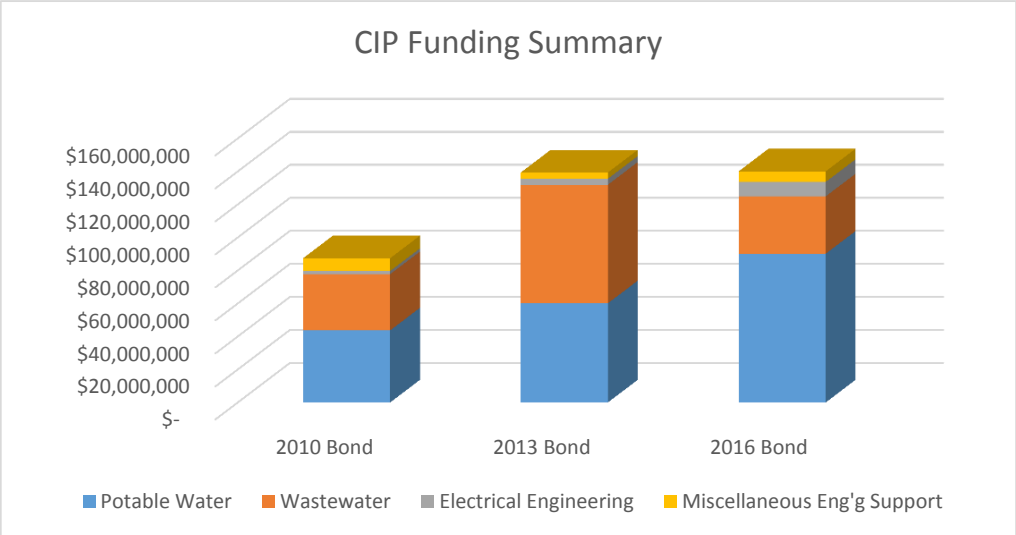

2010 Bond Funded CIP
30
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete


2013 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete


2016 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete

CIP Summary – ProjectAmounts

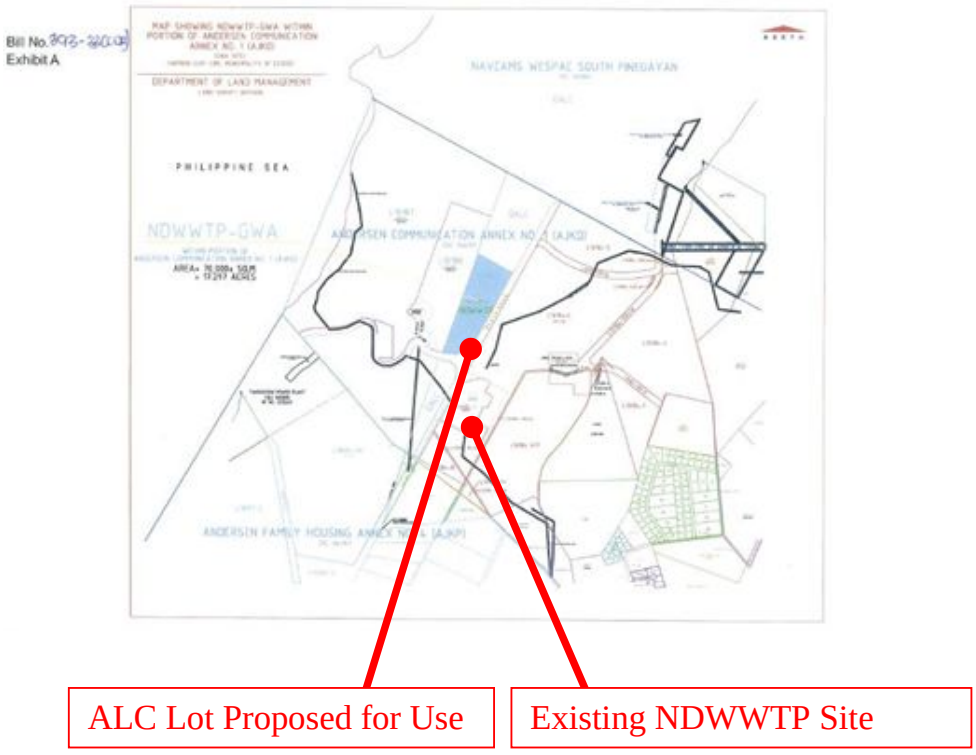
	2010 Bond		2013 Bond		2016 Bond			
	Funded	%	Funded	%	Funded	%	Total CIP Projects	%
Potable Water	$ 43,671,000	50%	$ 60,082,000	43%	$ 90,148,000	65%	$ 193,901,000	53%
Wastewater	$ 34,070,000	39%	$ 71,823,000	52%	$ 34,727,000	25%	$ 140,620,000	38%
Electrical Engineering	$ 1,920,000	2%	$ 3,645,000	3%	$ 8,750,000	6%	$ 14,315,000	4%
Miscellaneous Eng'g Support	$ 7,741,000	9%	$ 3,775,000	3%	$ 6,394,460	5%	$ 17,910,460	5%
Totals	$ 87,402,000	100%	$ 139,325,000	100%	$ 140,019,460	100%	$ 366,746,460	100%
%	23.8%		38.0%		38.2%			



Land Acquisition Status

- ALC property for NDWWTP:
  - Legislation authorizing acquisition submitted;
  - public hearing was held with supporting resolutions and testimony from ALC, CCU and GWA;
  - bill to be heard at next legislative session.
- CLTC properties: On December 27, 2016, DOLM Director found that the appraisals were in order and approved the fair market value established for the lots transferred by public laws to the Guam Waterworks Authority.
- Private properties needed for Court-order improvement projects: completed or pending survey. See Land Acquisition chart below.

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
	Ugum	Private	Relevant documentation sent on 01/05/17 to legal for condemnation process.
	Manenggon	Private	Contract of sale transmitted to property owner. Survey map transmitted 01/10/17 to DOLM for final approval. GWA still awaiting action from property owner.
	Santa Rita	Gov't. – CLTC	Survey map sent on 01/10/17 to DOE for signature.
	Astumbo	Gov't. - CLTC	Survey map on-going
	Upper Tumon	Gov't. - CLTC	Survey map transmitted 01/06/17 to DOLM for final approval.
	Piti	Private	Engineering currently reviewing options for relocating the Piti tank from current location to area east of the Nimitz Estate Subdivision. Second letter sent 01/10/17 to private property owner for interest in land acquisition.
Deep Well	Y-8	Gov't. - CLTC	GWA engineering working to obtain appraisal and survey services.
	AG-12	Dept. of Agriculture/ Manhita Farms	GWA engineering working to obtain appraisal and survey services.
Booster Pump Station	Brigade	Private	Survey severance map transmitted 01/05/17 to surveyor for corrections by DLM. Appraisal report completed. "Offer" letter being drafted for land owner.

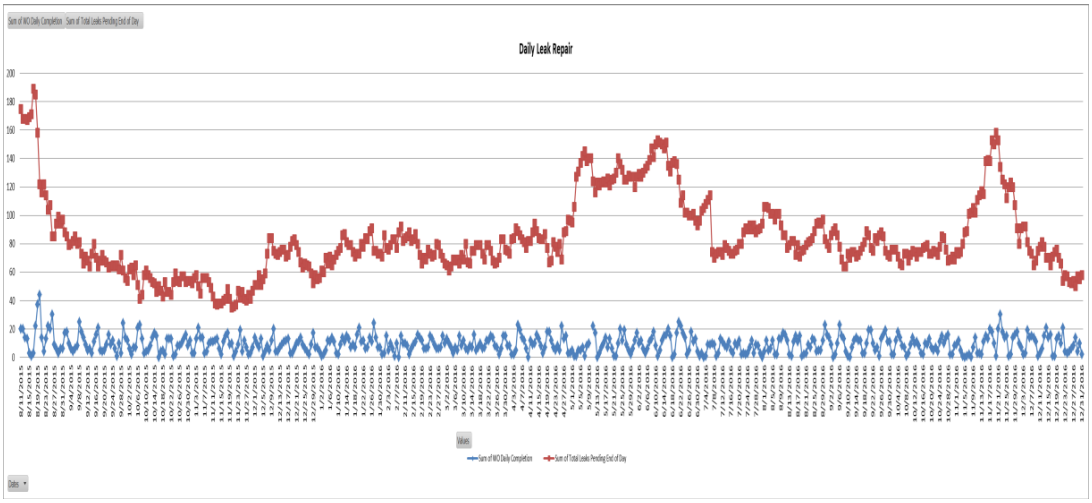


GUAM OFFICE OF PUBLIC AUDITOR FY2016 FINANCIAL HIGHLIGHTS REPORT

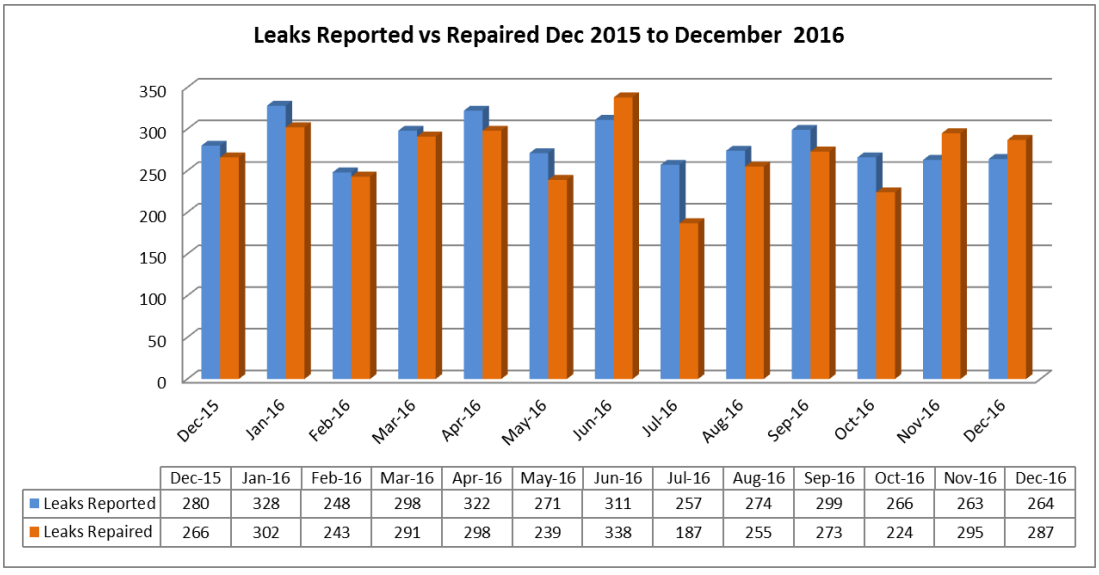
- On January 17, 2017, the Guam OPA submitted their report on GWA's FY2016 Financial Highlights. Items highlighted in this Report were as follows:
  - GWA Achieves Low-Risk Auditee Status
  - Debt Service and Future Borrowings
  - Military Build-up Funding
  - Increase in Operating Revenues, Operating Expenses, N0n-Operating Expenses
  - Unaccounted Water (values calculated using AWWA M-36 standards is 53%)
  - Water Rate History
  - Governmental Accounting Statement – Pension Liability
  - Reports on Compliance and on Internal Control and Major Federal Programs

Key Operational Issues

Leak Repair: WOs Completed & Pending (Daily)
(up to December 31, 2016)

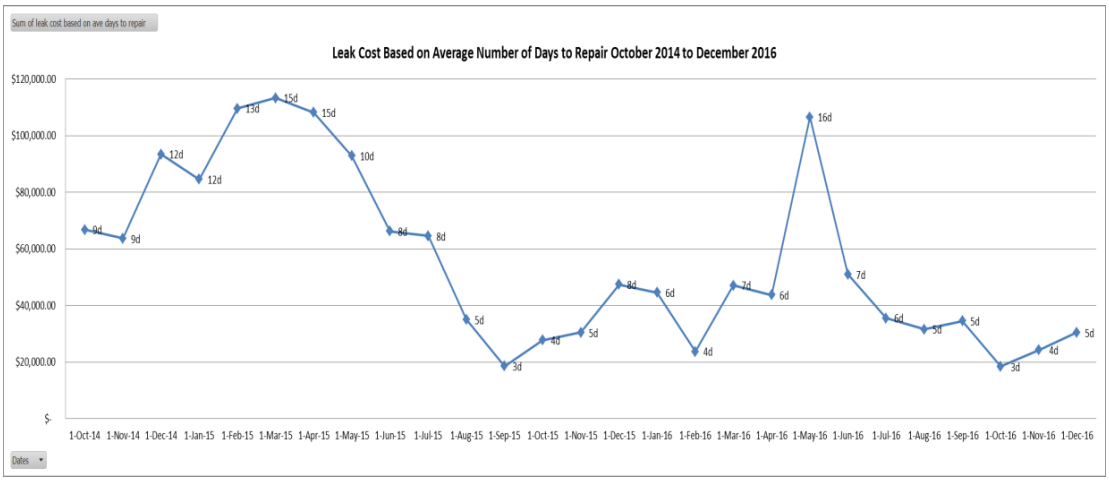


Leak Repair: Leaks Reported and Repaired (Monthly)



	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Leaks Reported	280	328	248	298	322	271	311	257	274	299	266	263	264
Leaks Repaired	266	302	243	291	298	239	338	187	255	273	224	295	287

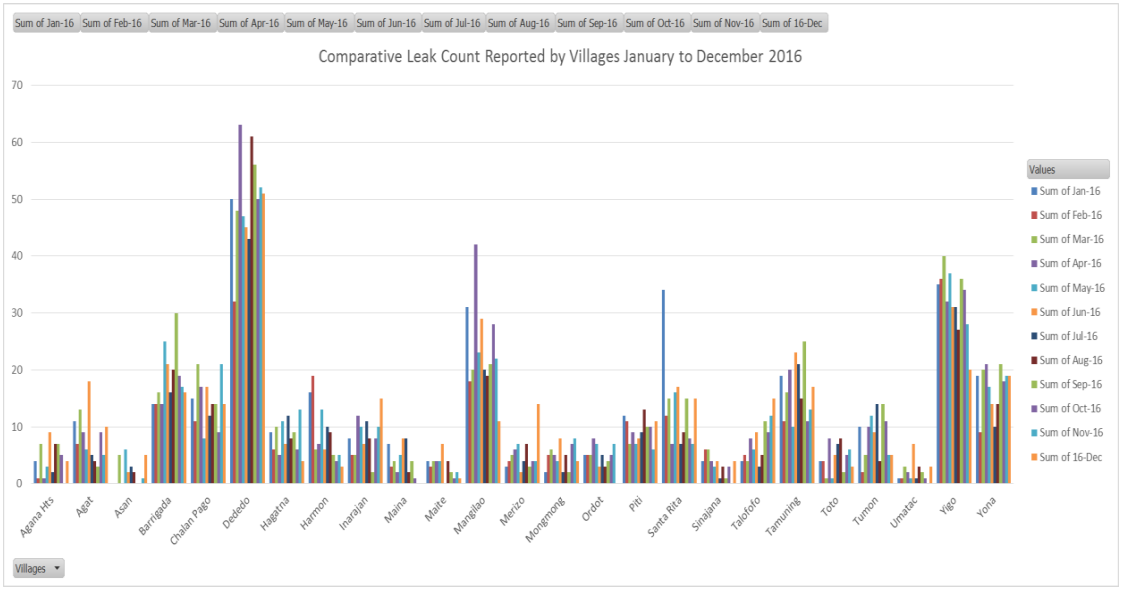
Leak Repair: Cost Savings – Days to Repair (Monthly)



Assumptions:

1. Leak rate = 4 gpm
2. Cost per kgal = $4.00

Leak Repair: Reported by Village



4.2.2 Financials

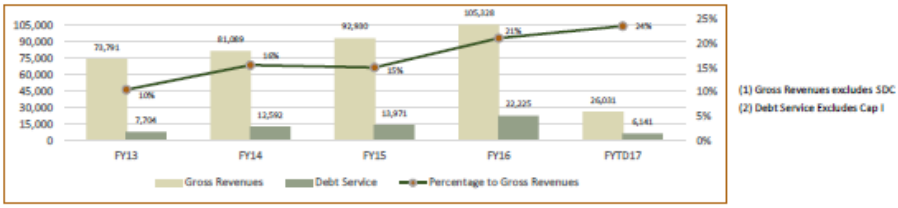
DASHBOARD

December 2016 YTD Budget vs Actual ($000)

Category	Description	Budget FY17	Actual FY17	Variance
Rate Based Revenues	Water	$17,617	$16,227	($1,390)
	Wastewater	$10,137	$9,596	($541)
	Total	$27,754	$25,823	($1,931)
Operations & Maintenance	Salaries & Benefits	$5,675	$4,358	($1,317)
	Power	$3,185	$2,798	($387)
	Water Purchases	$2,029	$1,839	($190)
	A&G	$2,806	$1,992	($815)
	Contractual	$888	$721	($168)
	Total	$20,288	$16,772	($3,516)

Category	FY17	FY16
Accounts Payable $$/Days	$4,789 / 59 days	$4,909 / 53 days
Accounts Receivable $$/Days	$18,104 / 52 days	$16,709 / 51 days
Days Cash On Hand	157 days	178 days
Annual Debt Service (Revenue Bonds)	$24,563	$22,225
Debt Service Coverage (Bond/PUC)	2.16 / 2.62	2.33 / 2.54

Debt as a Percent to Gross Revenue



4.2.3 Resolution No. 11-FY2017Ratification of Poll Vote Amending Positions for the Assistant GM of Operations (AGMO) and the Assistant GM of Administration (AGMA)

Resolution 11-FY2017 asks the Commission to amend the Assistant General Manager of Operations position description and specifications, and salary range to support the Agency's daily operations within its Water and Wastewater Divisions; providing effective and efficient delivery of safe drinking water and services to the community. It also asks to amend the Assistant General Manager of Administration position title, position description, and salary range to support the Agency's daily operations within its Administrative and Support Divisions providing quality customer service to both internal and external customers at the most effective, efficient and cost-effective manner.

The Agency currently employs just one Assistant General Manager for Compliance & Safety, while the other divisions of as much importance function without an Assistant General Manager at its helm, thus limiting effective communications direct to the General Manager while at the same time, affecting operations to provide statuses by Superintendents or Managers, who would otherwise be addressing the water | wastewater needs of our community. The Assistant General Manager of Operations, if approved, will be under the direct supervision and management of the General Manager while overseeing and ensuring optimal performance of our Water and Wastewater Divisions. The Assistant General Manager of Administration & Support, if approved, will be under the direct supervision and management of the General Manager while overseeing the following divisions: Human Resources, Procurement, Supply & Warehouse, Fleet & Equipment, Information Technology and Engineering.

Public Law 28-112, Section 9 (3) requires GPA and GWA to post a petition on their websites for ten (10) days (not including Saturdays, Sundays and government of Guam holidays). After the 10 days posting, the petition can then be forwarded to the CCU for their disposition at any regularly scheduled meeting. GWA has met the posting requirements. Additionally, Guam law requires notice of such posting to each newspaper of general circulation and broadcasting station, which airs regular news programs within Guam.

GWA will certify funding for the position available for the filling and retention of its certified, technical and professional newly created position. The funding of this position does not have an impact on the General Fund.

Comm. Santos moved to approved Resolution 11-FY2017; Comm. Bamba seconded. There was no further discussion or objection and the motion passed unanimously.

4.2.4 Resolution No. 12-FY2017 Ratification of Poll Vote of Bid Award for Diesel Fuel Oil No. 2 and Regular Unleaded Automotive Gasoline for Transportation Fleet / Heavy Equipment

To supply GWA Diesel Fuel Oil No. 2 and Regular Unleaded Automotive Gasoline for GWA's Transportation Fleet and Heavy Equipment, and Yes, it's necessary and urgent, without the fuel, GWA cannot meet its daily operational needs and activities. The estimated fuel cost for Unleaded gasoline with Mobil Oil Guam is $1.523 per gallon at 115,000 gallons of unleaded gasoline per year at a cost of $175,145.00. The estimated fuel cost for Diesel Fuel with IP&E is $1.3200 per gallon at 50,000 gallons of diesel per year at a cost of $66,000. The estimated annual total is $241,145.00 and will be funded through O&M. Fuel Services for GWA's vehicle and equipment fleet will be on-going for the duration of the initial 3-year contract with the option to renew for an additional 2 years, 1-year term.

Comm. Sanchez moved to approve Resolution 12-FY2017; Comm. Santos seconded. On the motion, there was no further discussion or objection and the motion passed.

4.2.5 Resolution No. 13-FY2017 Ratification of Poll Vote Relative to Baza Gardens WW Conveyance and Pumping Phase II Project

The objective of the overall intent of the "Baza Gardens Wastewater Cross Island Pumping and Conveyance" project is to convey/pump the wastewater treated at the Baza Gardens WWTP to the new Agat-Santa Rita WWTP along Route 17. This construction procurement is Phase II of multiple three phases. Phase I is current in construction. Phase II involves construction of one sewer pump station located near Windward Hills Country Club with 3-75 hp pump and standby generator, 1767 linear feet of gravity line with sizes 15 inches in diameter and 14,298 linear feet of 12 inches in diameter and force main. The impetus of this project is the 2011 Court Order requirements under Paragraph 13, but which GWA has established deadlines under Paragraph 14. The urgency for this project is that GWA is working to issue an NTP for construction by January 31, 2017 in order to stay within the projected project completion date. The construction contract length of this project is 365 calendar days after an NTP is issued to the contractor.

Phase II project is located along Route 17 closest to Baza Gardens. The bid proposal amount for Phase II is Five Million Nine Hundred Nineteen Thousand Forty Five Dollars and Forty Three Cents ($5,919,045.43). GWA management is also seeking a 5% contingency of the bid amount or Two Hundred Ninety Five Thousand Nine Hundred Fifty Two Dollars and Twenty Seven Cents ($295,952.27) which would bring the total authorized funding amount to Six Million Two Hundred Fourteen Thousand Nine Hundred Ninety Seven Dollars and Seventy Cents ($6,214,997.70). The funding for this project will be from the 2016 Bond Funds under the line items CIP WW 11-03 "Baza Gardens STP Replacement" and Internally Funded CIP.

Comm. Sanchez motioned to approve Resolution 13-FY2017; Comm. Guthertz seconded. There was no further discussion or objection and the motion carried.

4.2.6 Resolution No. 14-FY2017 Relative to GWA's Bond Reallocation and CIP Update

The objective of the resolution is to reallocate 2010, 2013 and 2016 Bond proceeds from CIP line items, which contain a "balance" from which CIP projects can be deferred until a later date so as to move forward with CIP projects that do not have sufficient funding to execute a contract. In addition this resolution seeks CCU approval of the Updated Capital Improvements Plan "January 2017" given the requested reallocation of bond funds will affect availability of CIP bond funding.

The Bond reallocation will affect the Baza Gardens WWTP (WW 11-03), Umatac-Merizo WWTP (WW 12-07) and Northern District WWTP (WW 17-02). Funds from the 2010, 2013 and 2016 Bond fund totaling Twenty-Nine Million Six Hundred Thousand Dollars ($29,600,000.00) will be reallocated to the three WWTPs noted above. The construction contract length of this project is 365 calendar days after an NTP is issued to the contractor.

Comm. Guthertz motioned to approve Resolution 14-FY2017; Comm. Bamba seconded. There was no further discussion or objection and the motion passed.

4.2.7 Resolution No. 15-FY2017 Relative to Program Management/Construction Management Contract for the Office of Economic Adjustment "Guam Water and Wastewater Infrastructure Improvements" Project

Collaborative discussions between GWA, the CCU, the Office of the Governor of Guam, DoD, USEPA and the Office of Economic Adjustment (OEA) resulted in GWA being deemed the proper entity to serve as "owner and operator" of the Guam civilian water and wastewater projects which are necessary given the impacts associated with the Marines Corps relocation to Guam. The objective of the resolution is to seek approval for Brown and Caldwell to be the Program Management/Construction

Management (PM/CM) team who will provide support services related to design, construction and operational needs as part of the execution of the Guam Civilian water and wastewater projects which are necessary.

The projects the PM/CM will provide support services for include the NDWWTP Treatment Upgrades, the GWA Interceptor Sewer Refurbishment (AAFB to NDWWTP), and the NGLA Monitoring System Expansion/Rehabilitation.

The project locations are the NDWWTP Treatment Upgrades which will convert the plant from advance primary treatment to secondary treatment, (2) the GWA Interceptor Sewer Refurbishment (AAFB to NDWWTP) to rehabilitate sewer lines ranging in sizes from 18 inches to 42 inches, and (3) the NGLA Monitoring System Expansion/Rehabilitation which is a project that intends to refurbish up to twelve existing monitoring wells and installation of up to seven new monitoring wells at various locations on DoD and GovGuam property over the northern Guam lens.

The fee for the project management and construction management services to be provided is a fixed fee amount of Fourteen Million Seven Hundred Ninety Thousand Three Hundred Forty-Six Dollars ($14,790,346.00). GWA Management further seeks CCU approval of a five percent (5%) contingency of Seven Hundred Thirty Nine Thousand Five Hundred Seventeen Dollars and Thirty Cents ($739,517.30) that would bring the total funding amount to Fifteen Million Five Hundred Twenty Nine Thousand Eight Hundred Sixty-Three Dollars and Thirty Cents ($15,529,863.30). The program management/construction management services will be for a five-year (5) period.

Comm. Bamba motioned to approve Resolution 15-FY2017; Comm. Sanchez seconded. There was no further discussion or objection and the motion passed unanimously.

4.2.8 Resolution No. 16-FY2017 Relative to Amending the Construction Management Services for the PW 12-04 Chaot and Agana Heights Design/Build Reservoir Replacement Project

The objective of the resolution is to amend the current contract with AMOrient Engineering to cover construction management services that occurred between the period December 2015 to December 2016 work which was due to continued delays from the construction contractor. The project location is at Chaot and Agana Heights reservoir locations. The amendment of the contract would increase the contract value an additional Three Hundred Forty Six Thousand Five Hundred Forty-One Dollars ($346,541.00) to bring the total contract amount to One Million Six Hundred Twenty Eight Thousand Five Hundred Twenty-One Dollars and Twenty Eight Cents ($1,628,521.28). Funds from the liquidated damages received from the contractor due to delays on project completion will be applied to fund the construction management work. GWA management also contemplates using Internal Funded CIP, along with PW 12-04 and PW 05-05 as alternate sources until such time "re-imbursement" from funds held from the contractor as part of liquidated damages is made.

Comm. Bamba motioned to approve Resolution 16-FY2017; Comm. Guthertz seconded. There was no further discussion or objection and the motion passed.

5. OLD BUSINESS – None

6. ANNOUNCEMENTS

6.1 Next CCU Meetings

The Chairman announced that the next meeting would be a work session for GWA on Feb. 15, followed by GPA work session on Feb. 16 and CCU regular monthly meeting on Feb. 21.

He then asked for a motion to move the meeting to Executive Session and referenced legal counsel's related affidavit.

Comm. Bamba motioned to move the meeting to Executive Session; Comm. Guthertz seconded and the meeting moved to Executive Session..

The Chairman called for a 10 minute recess before executive session.

7. EXECUTIVE SESSION

7.1 Personnel Matter

Executive Session began at 7:40 p.m, and this matter was discussed.

8. ADJOURNMENT

There was no further business to bring before the Commission and the meeting was adjourned at 8:50 p.m.

\\s\\
bls

Attested:

_____	_____
JOSEPH T. DUENAS, Chairman	J. GEORGE BAMBA, Secretary

-

CONSOLIDATED
COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

Special Board Meeting

CCU Board Conference Room
3rd Floor, Gloria B. Nelson Public Service Bldg.
11:30 a.m., January 12, 2017

MINUTES

I. CALL TO ORDER

Chief Justice Elect Katherine Maraman called the Special Board Meeting of the Consolidated Commission on Utilities to order at 12:01 p.m.. The Chief Justice Elect apologized for being late and announced that she is happy to officiate and will perform the Oath of Office after the Roll Call.

II. ROLL CALL

The Chief Justice Elect proceeded to perform the Roll Call of Commission members. The following Commissioners names were called and all responded "present" accordingly:

Joseph T. Duenas
Judith P. Guthertz
J. George Bamba
Francis Santos
Simon Sanchez

III. PRESENTATION OF GEC CERTIFICATES & ADMINISTRATION OF OATH

She said she will first examine the Certificates of Election from the Guam Election Commission to confirm its validity and then perform the Oath of Office immediately thereafter. After all the elected Commissioners have been duly sworn she will facilitate the Election of Officers and then at that time relinquish the gavel to whomever is elected Chairman of the CCU.

At this point Associate Justice called on Judith P. Guthertz to please step forward. She first reviewed the election certificate from the Guam Election Commission (CEC). Chief Justice Elect Maraman said she has reviewed the certificate for Ms. Guthertz and by virtue of Section 1128 of Guam Code Annotated Title 3 and based on tabulation and returns of the general election of November 8, 2016 certify that Judith P. Guthertz has been duly elected in office as a member of the Consolidated Commission on Utilities and is duly signed by all the members of the CEC. Chief Justice then proceeded to administer the Oath of Office to Ms. Guthertz. Immediately afterwards, Ms. Guthertz signed her Oath certificate.

He then asked Joseph T. Duenas to present his certificate from the Guam Election Commission. Chief Justice Elect Maraman said she has reviewed the certificate and by virtue of Section 1128 of Guam Code Annotated Title 3 and based on tabulation and returns of the general election of November 8, 2016 certify that Joseph T. Duenas has been duly elected in office as a member of the Consolidated Commission on Utilities and is duly signed by all the members of the CEC. Chief Justice then proceeded to administer the Oath of Office to Mr. Duenas and then asked him to sign is Oath certificate immediately afterwards.

All present applauded the newly elected Commissioners and there was a brief break for official group photos of the complete (5) member Commission.

IV. ELECTION OF CCU OFFICERS

Chief Justice Elect Maraman said that all the elected members have taken their oath of office and there now is a full body of Commission members on the Board, she will now entertain a motion for the election of officers for the Consolidated Commission on Utilities.

Comm. George Bamba motioned that he would like to nominate Joseph Duenas for Chairman, Frances Santos for Vice Chairman and Judith Guthertz for Treasurer: Comm. Sanchez seconded and added that he would like to nominate George Bamba for Secretary.

Chief Justice Elect Maraman asked if there were any other nominations.

Comm. Bamba moved that nominations be closed and seconded by Comm. Sanchez. CJ Elect Maraman asked if there were any objections and there were none. She said the nominations are now closed and proceeded to ask for the vote by show of hands:

Joseph Duenas as Chairman – for the record the vote was unanimous
Francis Santos as Vice Chairman – for the record the vote was unanimous
George Bamba as Secretary – for the record the vote was unanimous
Judith Guthertz as Treasurer – for the record the vote was unanimous

The Chief Justice Elect announced she will now relinquish the gavel to the CCU Chairman – Joseph T. Duenas.

V. ANNOUNCEMENTS

The Chairman said he had a few announcements. The Commission will be conducting a work session for GWA on Jan. 18 at 11:30 a.m. and Jan. 19 at 11:30 for GPA; the next CCU meeting is on January 24th at 5:30 p.m.

VI. ADJOURNMENT

The Chair called for a motion to adjourn.

Comm. Sanchez motioned to adjourn and Comm. Bamba seconded.

The Chairman said the meeting is now adjourned; it was 12:30 p.m.

Chairman Duenas then invited Fr. Jeff San Nicolas to say the Grace Before Meals and extended the invitation for a light merienda to everyone in attendance.

\\s\\
bls

Attested:

_____ _____
JOSEPH T. DUENAS, Chairman J. GEORGE BAMBA, Secretary

GUAM WATERWORKS AUTHORITY

General Manager's Report

GPWA CCU Board Meeting, February 21, 2017

"One Guam" Initiative – GWA and DOD NAVFAC

1. **Tumon Maui Well:**
    a. SCADA – issues and status
        i. GWA was able to get the software for the SCADA system.
        ii. GWA will now be able to make necessary adjustments to obtain data to better manage the system.
    b. Power Line Status
        i. DOD needs to work with GPA to get the power issues resolved and transferred to GWA.
    c. Inspection by DOD
        i. Performed on February 1, 2017.
        ii. Report will be completed and submitted to DOD.
        iii. Anticipate 3rd quarter inspection in April.
    d. Production:
        i. Fairly consistent between 1.0 and 1.1 million gallons per day (MGD), with the exception of several days of less production due to preventive maintenance being performed which required the system to be secured - see chart below.
        ii. Total production in December was **33,124,400 gallons.** Total Production in January was **33,226,200.**



2. Agat WWTP Project

a. Appraisal still pending
   i. Estimated fee is $4,500.
   ii. DOD will provide a letter from the Navy requesting the appraisal fee to move process forward.
b. MEC estimate for the use of the easement for construction of waterline
   i. Rough order of magnitude ca. $70k to $100k; could be higher.
   ii. Anywhere from $90 - $1,200/yd³.
   iii. Possibility that they may not need to do MEC.
c. Mixing zone study cooperation
   i. Successful completion of data gathering.
   ii. Anticipate report of findings and mixing zone proposal in March 2017.

3. Santa Rosa Tank

a. GWA submitted request for consideration to Andersen AFB.
b. GWA and Andersen are working together on the design.
c. MOU will need to be drafted for this project.

4. OEA Coordination

a. Sites for the monitoring wells have been selected and prioritized. USEPA will be here this month to visit the sites.
b. USEPA will be having a meeting with local federal and local regulatory agencies to discuss the Northern WWTP diffuser, including the requirements for the NEPA.

5. GIS Data

a. A subgroup will be created to address data sharing protocols and cybersecurity.

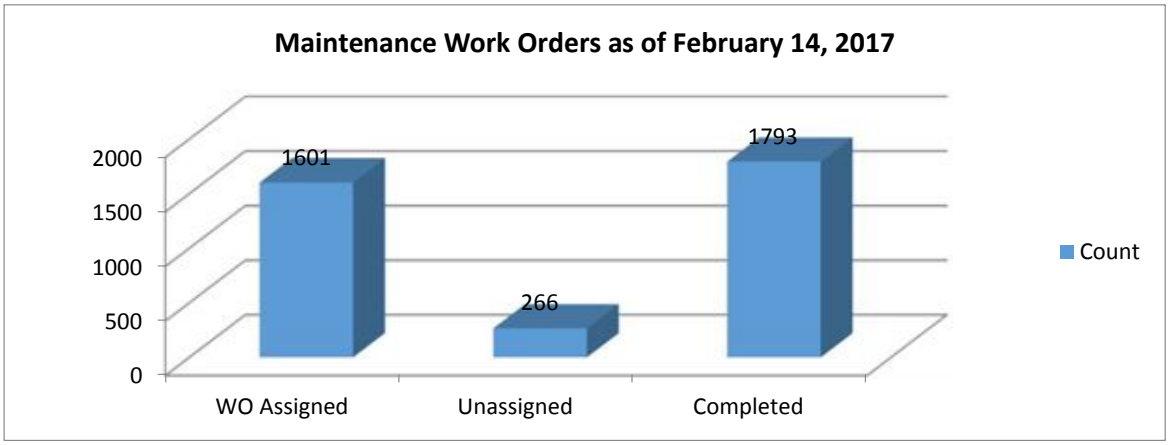
OEA Grants – Guam Water-Wastewater Infrastructure Projects

- PM/CM contract awarded; NTP issued.
- GWA is providing assistance to USEPA for NEPA process associated with initial project; formal NEPA activities pending contract (USEPA). Currently in federal procurement.
- NGLA Monitoring Wells – MEC issues clarified; OEA/USEPA to meet with affected DOD installations.
- GWWIST meeting scheduled for February in Guam.

Action Item	Date (Target)	Date (Actual)	Status
Project Funds Available	~~Oct-15~~ / Jul-16	Aug-30-16	Completed
Land Acquisition	~~Sep-16 (?)~~ Jan-17	Jan-17 (Compensation pending)	On-target
Procure PM/CM Firm	~~Apr-16~~ / Jan-17	Jan-17 (NTP issued Feb-10)	Completed
Procure Design Firm	~~Oct-16 (?)~~ Jul-17		On-target
Design -- 30/60/90/Final -- Review	~~Nov-17~~ Jun-18		On-target
NEPA Analysis and Determination	~~Aug-17~~ Feb-17		Delayed
Procure Construction Firm	~~Jun~~ Dec-18		On-target
Construction Complete/Commence Operations	Nov-21		On-target
Sewer line connection from MCB to GWA infrastructure	~~TBD (?)~~ Jul-19		On-target
MCB Initial Operating Capability	Jul-22		On-target

Asset Management

- CMMS system went live on October 3, 2016.
- Weekly and monthly meetings continue.
- Over 3,500 Work Orders issued so far.
- Over 1,700 Work Orders completed.
- Over 100 new assets registered into CMMS for various sites and facilities, to include our new Meter Test Facility and all its Bench Test equipment.
- Over 50 heavy equipment configured into CMMS to track maintenance.
- Work Order Report Summary (see below).

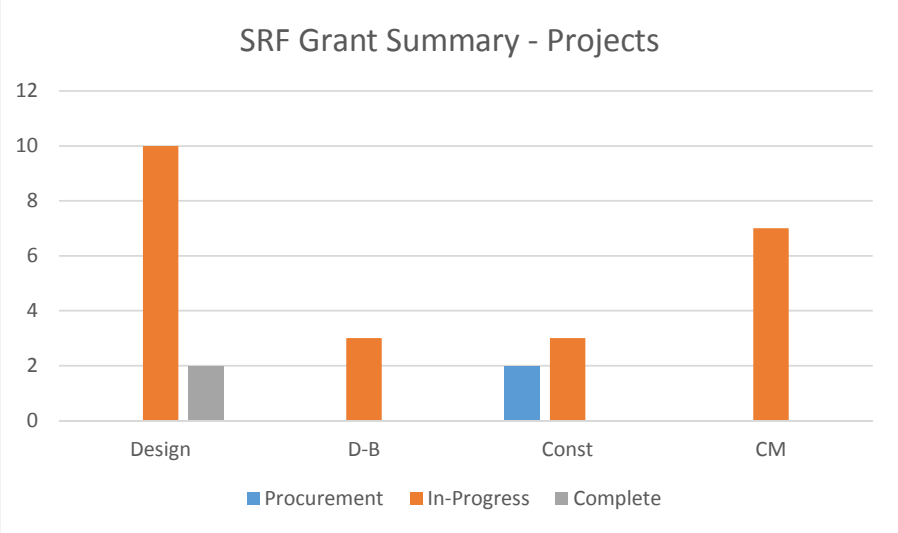


USEPA SRF Projects

- Summary of all SRF grant funded projects are shown below.

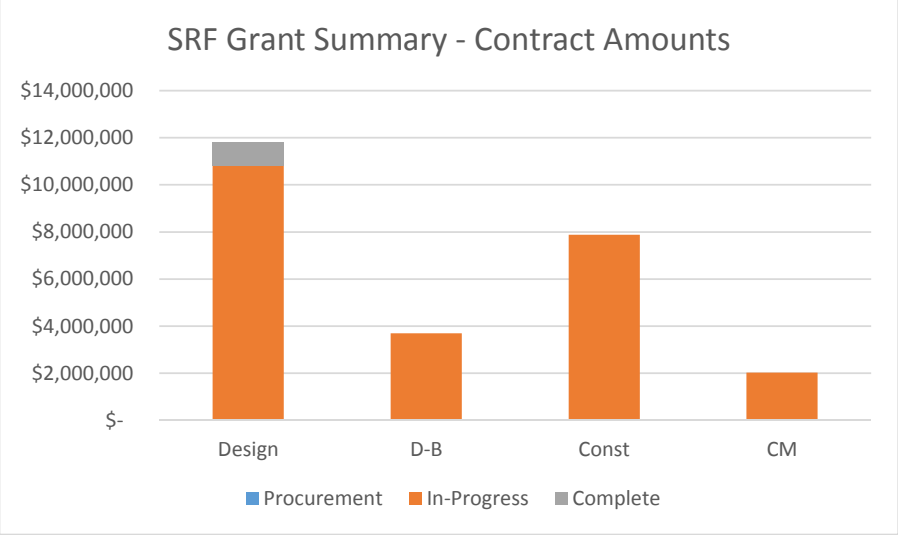
SRF Grant Summary - Projects

	Procurement	In-Progress	Complete	Totals	%
Design	0	10	2	12	44%
D-B	0	3		3	11%
Const	2	3		5	19%
CM	0	7		7	26%
Totals	2	23	2	27	
%	7%	85%	7%		

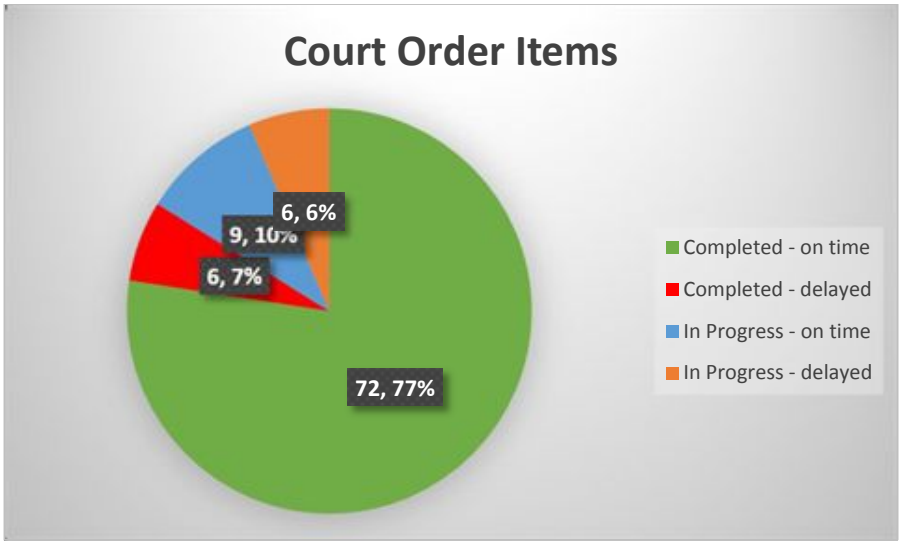


SRF Grant Summary - Contract Amounts

	Procurement	In-Progress	Complete	Totals	%
Design	$ -	$ 10,812,544	$ 994,468	$ 11,807,012	46%
D-B	$ -	$ 3,697,408		$ 3,697,408	15%
Const	$ -	$ 7,883,710		$ 7,883,710	31%
CM	$ -	$ 2,021,827		$ 2,021,827	8%
Totals	$ -	$ 24,415,489	$ 994,468	$ 25,409,957	
%	0%	96%	4%		



Court Order



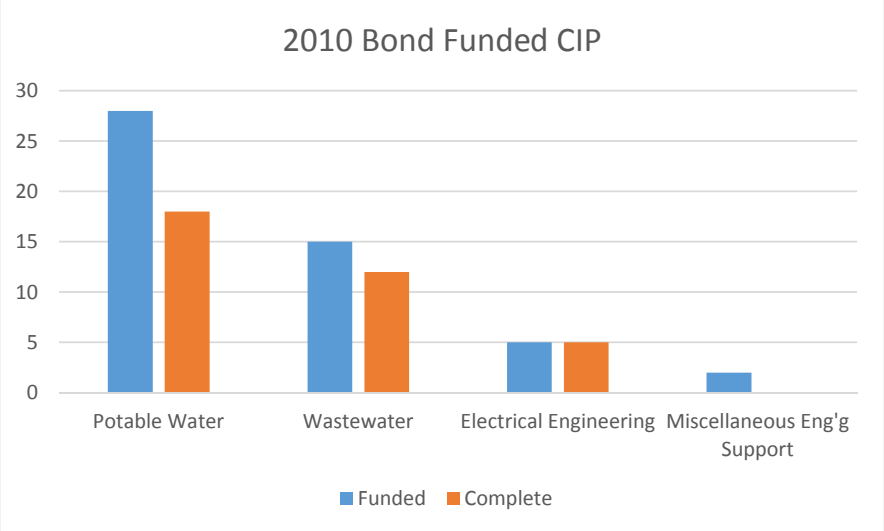
Court Order Summary			
	Court Order Items	**%**	**Performance (on-time or completed)**
Completed - on time	72	77%	
Completed - delayed	6	6%	
In Progress - on time	9	10%	
In Progress - delayed	6	6%	93.5%
Totals	93	100%	

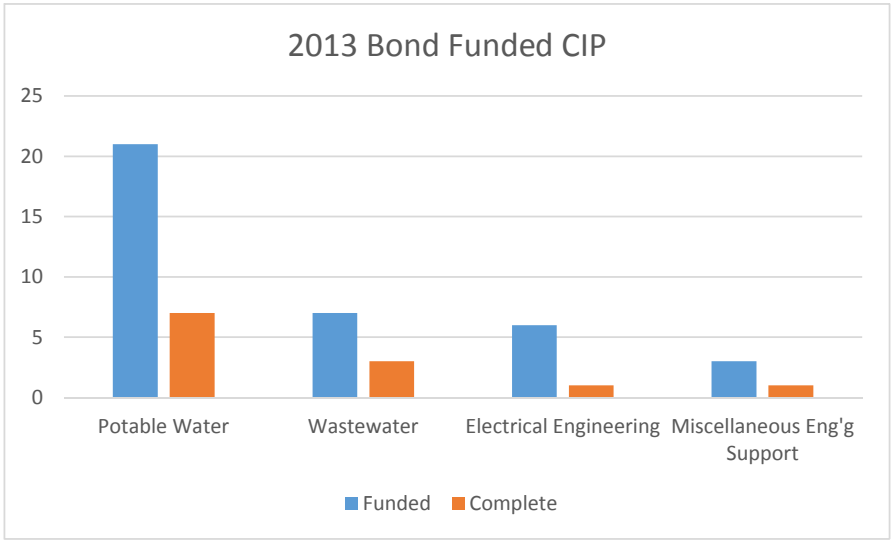
- 6 items delayed.
  - SSES (2 items)
  - Agat/SR System (2 items)
  - Cl Residual Monitors
  - Meters
- Final Date to complete all Court Order items is December 31, 2020.
- Overflow or Bypass events reported to USEPA – 6 events reported in December 2016 and January 2017; 1 so far in February 2017.
  - Harmon Lift Station spill due to rainstorm (Jan. 11)
  - Harmon Lift Station spill due to control failure (Jan. 26)
  - Spill on Asan bypass because of a pump failure (Jan. 28)
  - Spill due to damage to the Harmon Loop Road force main by Nova Group (Feb. 8-10)

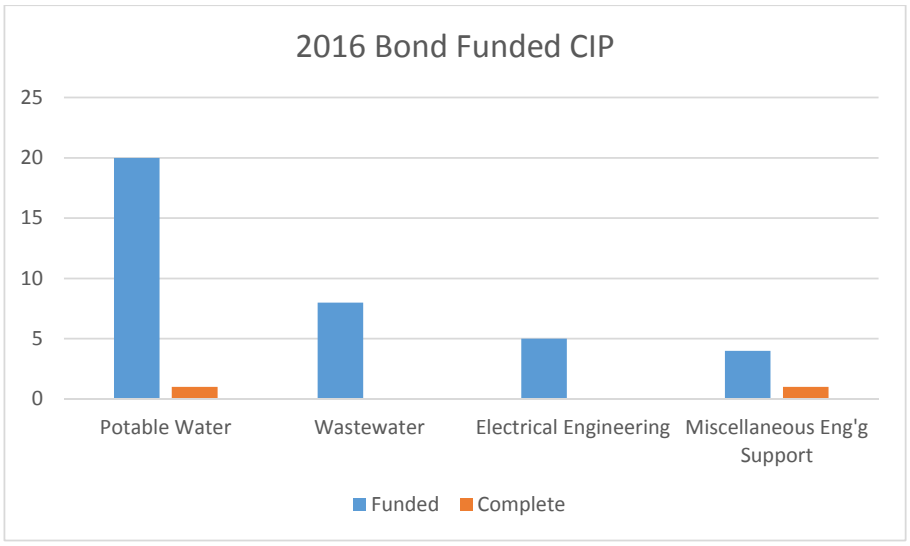
CIP Summary

CIP Summary - Project Encumbrance

	2010 Bond		2013 Bond		2016 Bond			
	Funded	Complete	Funded	Complete	Funded	Complete	Total CIP Projects	%
Potable Water	28	18	21	7	20	1	31	53%
Wastewater	15	12	7	3	8	0	16	27%
Electrical Engineering	5	5	6	1	5	0	9	15%
Miscellaneous Eng'g Support	2	0	3	1	4	1	3	5%
Totals	50	35	37	12	37	2	59	100%
% of Total CIP by Fund Source	85%		63%		63%			
% of CIP Funding Completed		70%		32%		5%		

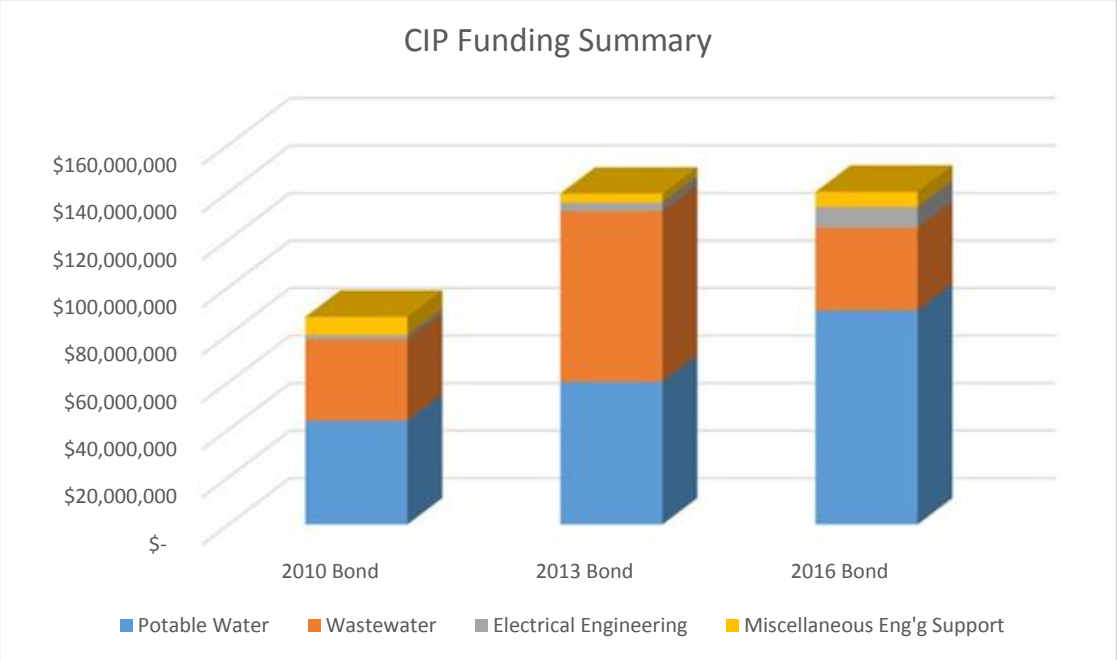



2013 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete


2016 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete

CIP Summary - Project Amounts

	2010 Bond		2013 Bond		2016 Bond			
	Funded	%	Funded	%	Funded	%	Total CIP Projects	%
Potable Water	$ 43,671,000	50%	$ 58,317,117	42%	$ 64,647,830	46%	$ 166,635,947	45%
Wastewater	$ 34,070,000	39%	$ 73,837,883	53%	$ 60,227,170	43%	$ 168,135,053	46%
Electrical Engineering	$ 1,920,000	2%	$ 3,395,000	2%	$ 8,750,000	6%	$ 14,065,000	4%
Miscellaneous Eng'g Support	$ 7,741,000	9%	$ 3,775,000	3%	$ 6,394,460	5%	$ 17,910,460	5%
Totals	$ 87,402,000	100%	$ 139,325,000	100%	$ 140,019,460	100%	$ 366,746,460	100%
%	23.8%		38.0%		38.2%			



Land Acquisition Status

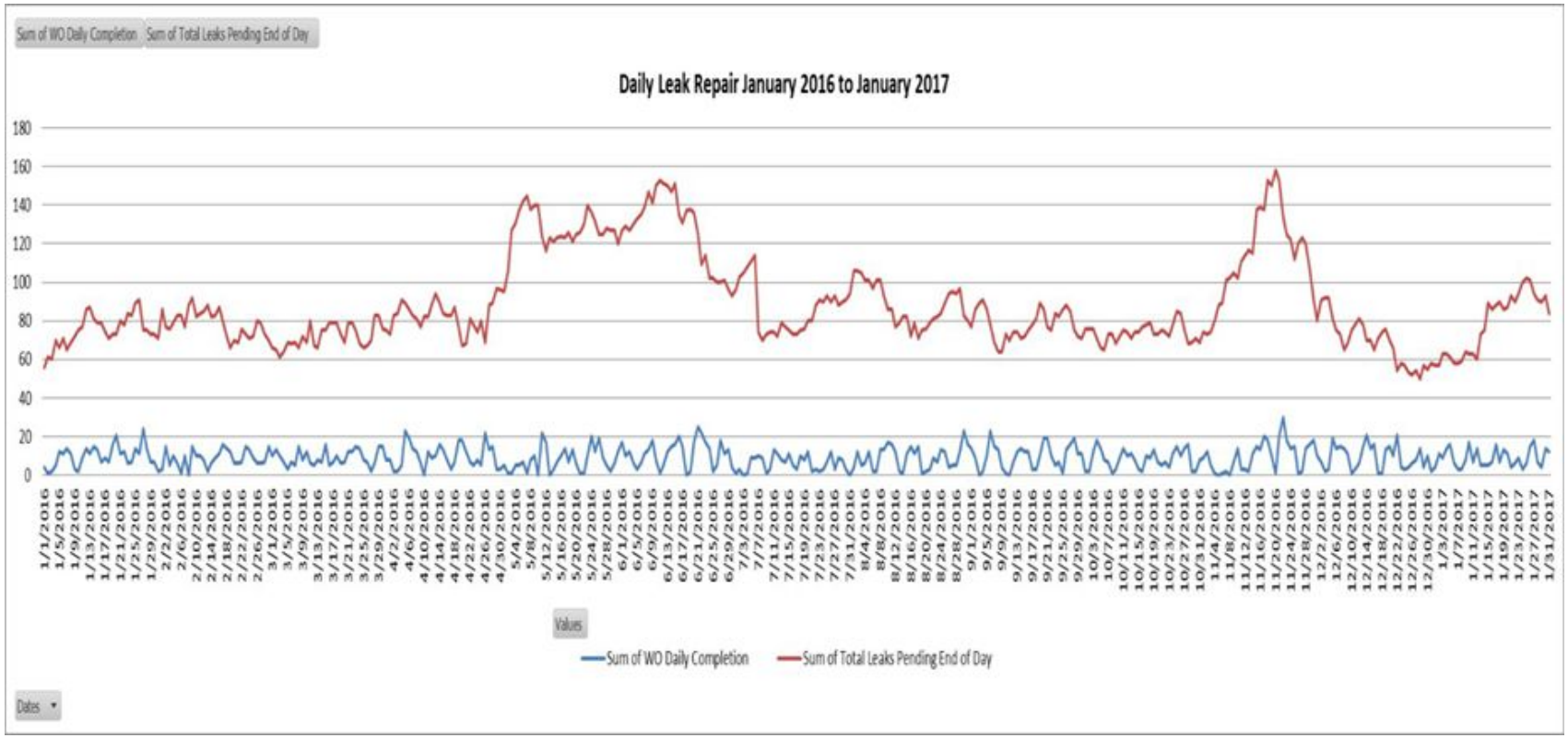
- ALC property for NDWWTP: Land acquisition passed under Public law 33-198.
- CLTC properties: See Land Acquisition chart below.
- Private properties needed for Court-order improvement projects: See Land Acquisition chart below.

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
	Ugum	Private	Relevant documentation sent 01/05/17 to legal for condemnation process. Coordination with the AG's office ongoing.
	Manenggon	Private	Contract of sale revised and signed by the GM on 02/13/17. Survey parcelling map finalized and recorded on 02/02/17.
	Santa Rita	Gov't. – CLTC	Survey map transmitted to DLM on 02/09/17.
	Astumbo	Gov't. - CLTC	Survey map ongoing.
	Upper Tumon	Gov't. - CLTC	Survey map transmitted 01/29/17 to DLM for final signature and approval.
	Piti	Private	Engineering currently reviewing options for relocating the Piti tank from current location to area east of the Nimitz Estate Subdivision. Second letter sent 01/10/17 to private property owner for interest in land acquisition.
Deep Well	Y-8	Gov't. - CLTC	GWA engineering working to obtain appraisal and survey services.
	AG-12	Dept. of Agriculture/Manhita Farms	GWA engineering working to obtain appraisal and survey services.
Booster Pump Station	Brigade	Private	Survey severance map transmitted 02/13/17 to E.M. Chen for property owner signature. 1st offer letter received by property owner on 01/24/17.

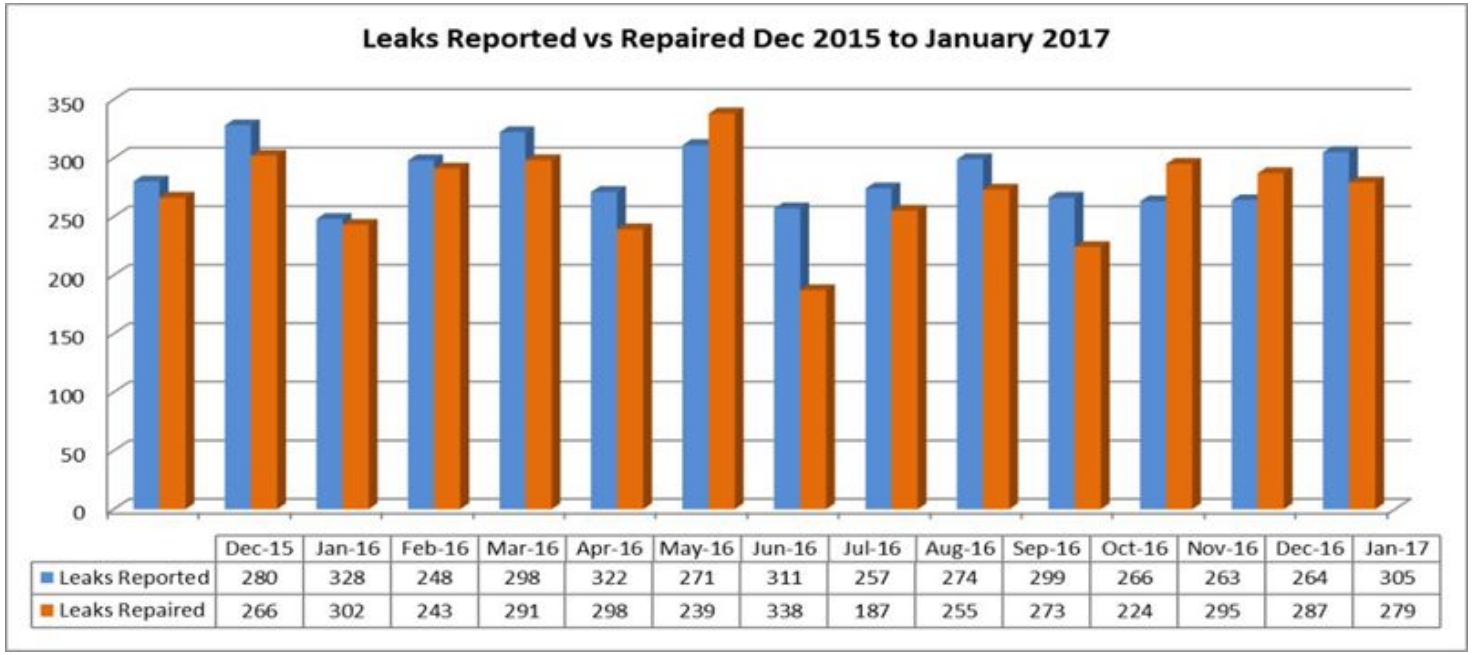
Key Operational Issues

Leak Repair: WOs Completed & Pending (Daily)

(up to January 31, 2017)

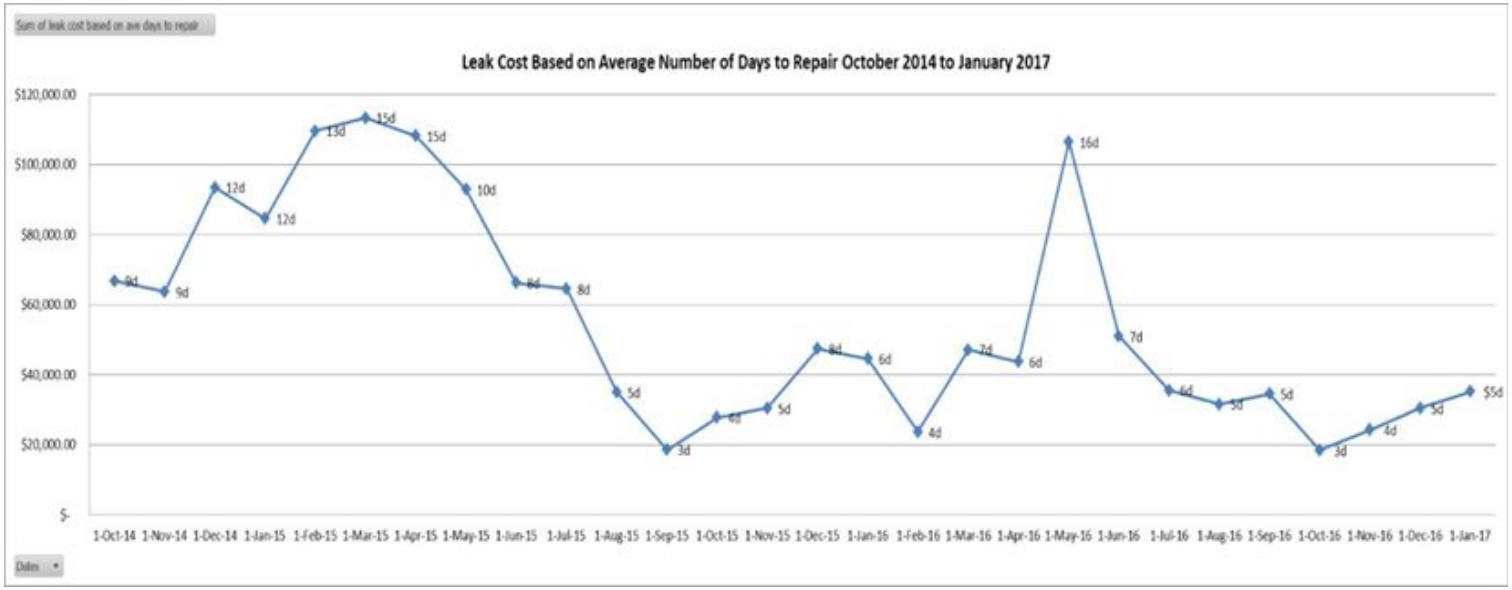


Leak Repair: Leaks Reported and Repaired (Monthly)



	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Leaks Reported	280	328	248	298	322	271	311	257	274	299	266	263	264	305
Leaks Repaired	266	302	243	291	298	239	338	187	255	273	224	295	287	279

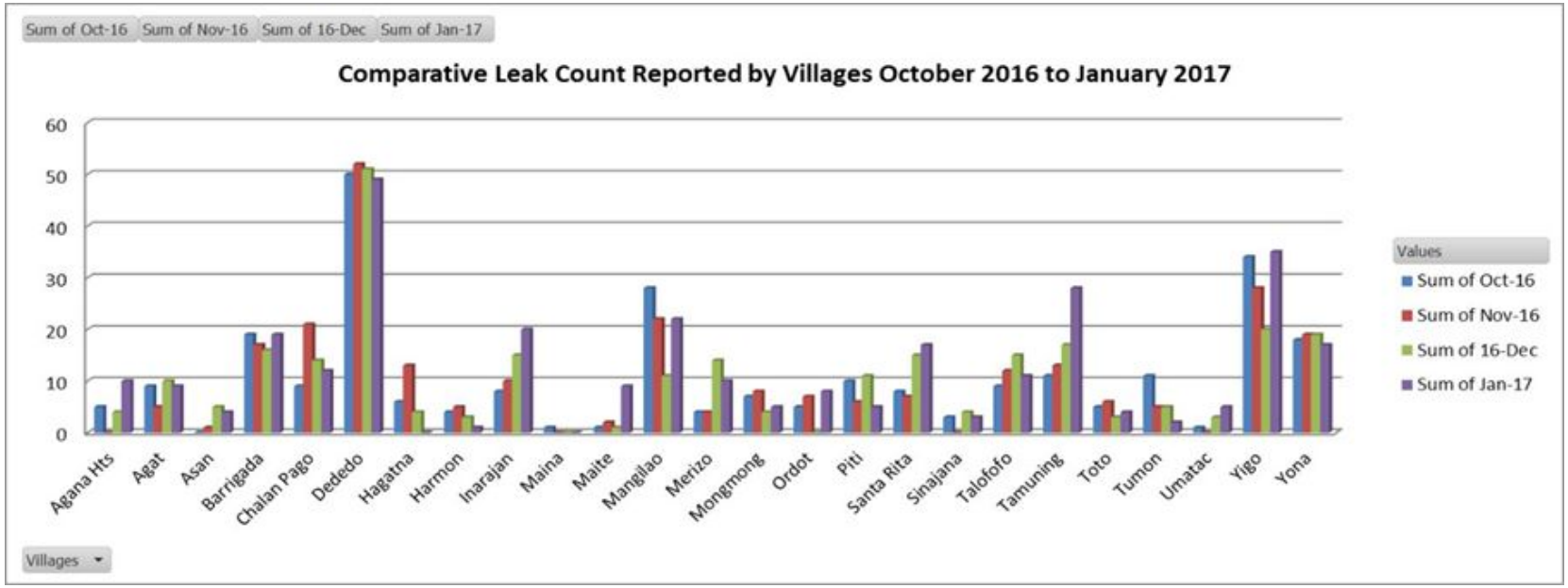
Leak Repair: Cost Savings – Days to Repair (Monthly)



Assumptions:

1. Leak rate = 4 gpm
2. Cost per kgal = $4.00

Leak Repair: Reported by Village



DASHBOARD

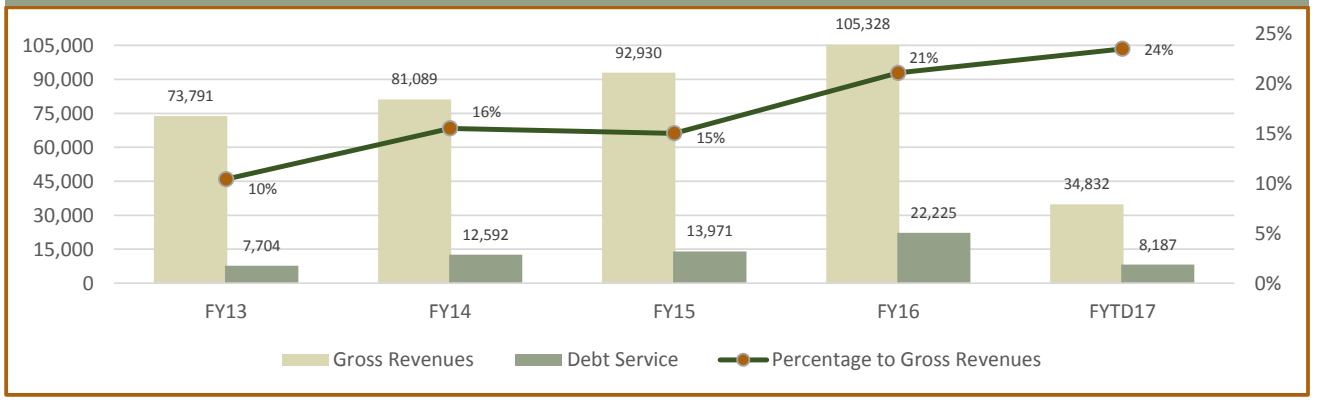
January 2017 YTD Budget vs Actual ($000)

Category	Description	Budget FY17	Actual FY17	Variance
Rate Based Revenues	Water	$23,489	$21,859	($1,630)
	Wastewater	13,519	12,720	(799)
	Total	37,009	34,579	(2,430)
Operations & Maintenance	Salaries & Benefits	7,566	5,809	(1,757)
	Power	4,247	3,779	(468)
	Water Purchases	2,706	2,262	(443)
	A&G	3,742	2,784	(958)
	Contractual	1,184	1,123	(61)
	Total	$27,051	$22,504	($4,547)

Key Financial Ratios ($000)

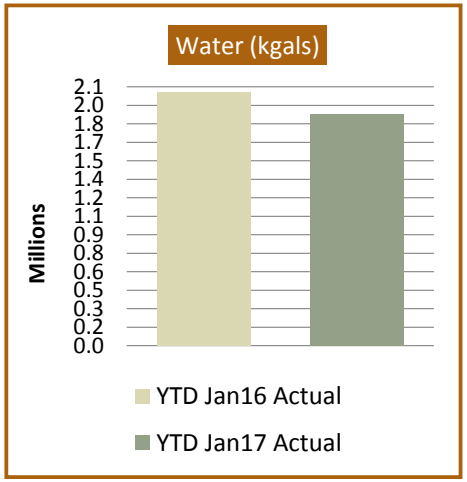
Category	FY17	FY16
Accounts Payable $$/Days	$5,020 / 59 days	$4,909 / 53 days
Accounts Receivable $$/Days	$16,776 / 49 days	$16,709 / 51 days
Days Cash On Hand	178 days	178 days
Annual Debt Service (Revenue Bonds)	$24,563	$22,225
Debt Service Coverage (Bond/PUC)	2.16 / 2.61	2.33 / 2.54

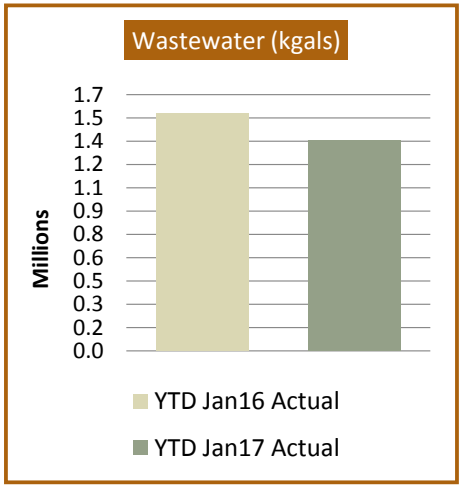
Debt as a Percent to Gross Revenue

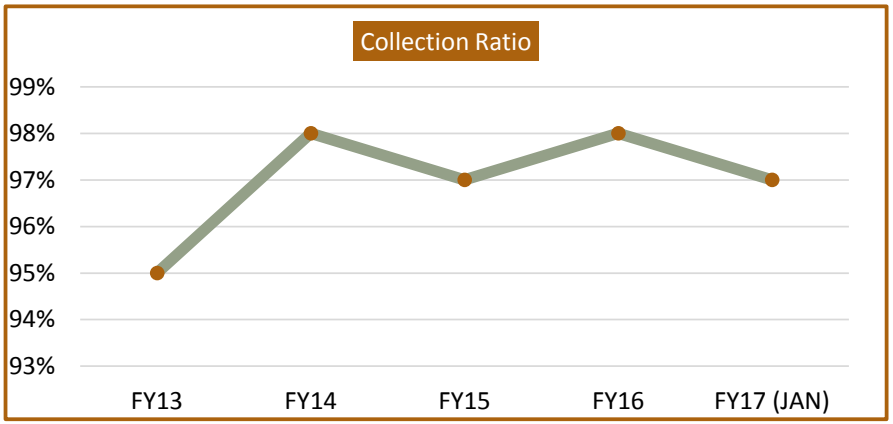


(1) Gross Revenues excludes SDC
(2) Debt Service Excludes Cap I

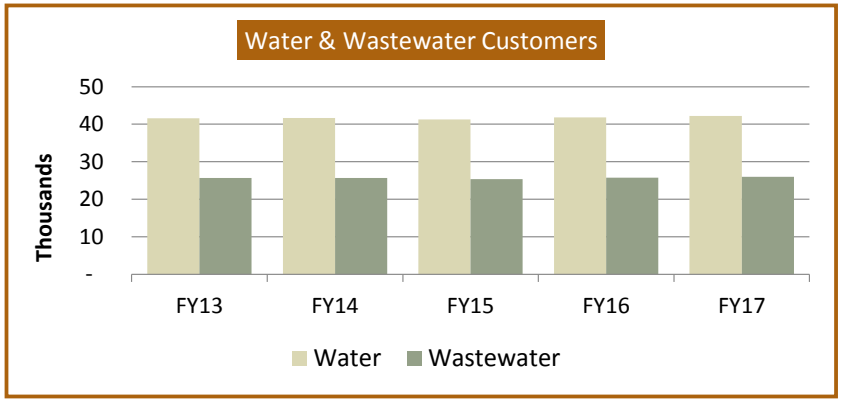
Water & Wastewater Analytics

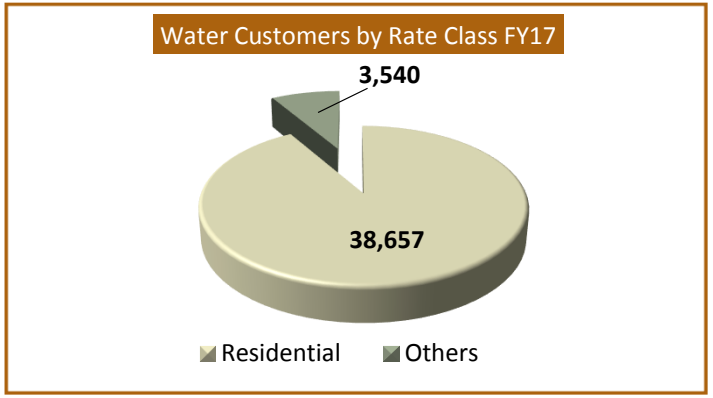


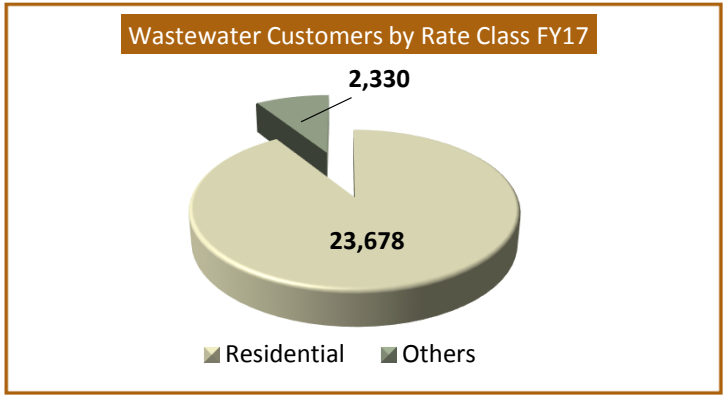


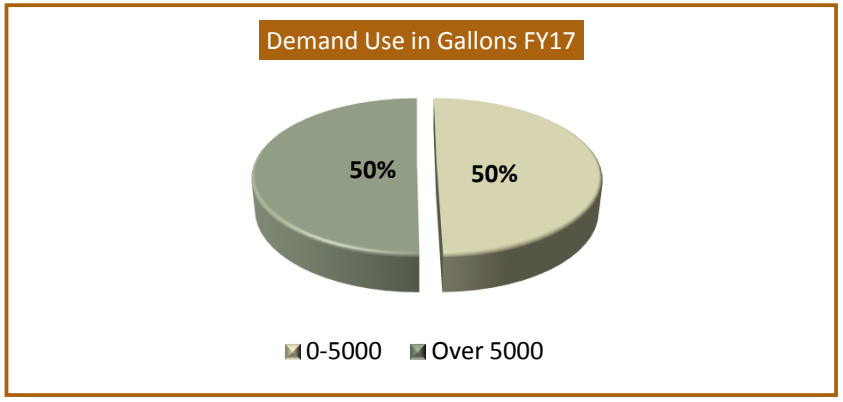


Water & Wastewater Customers





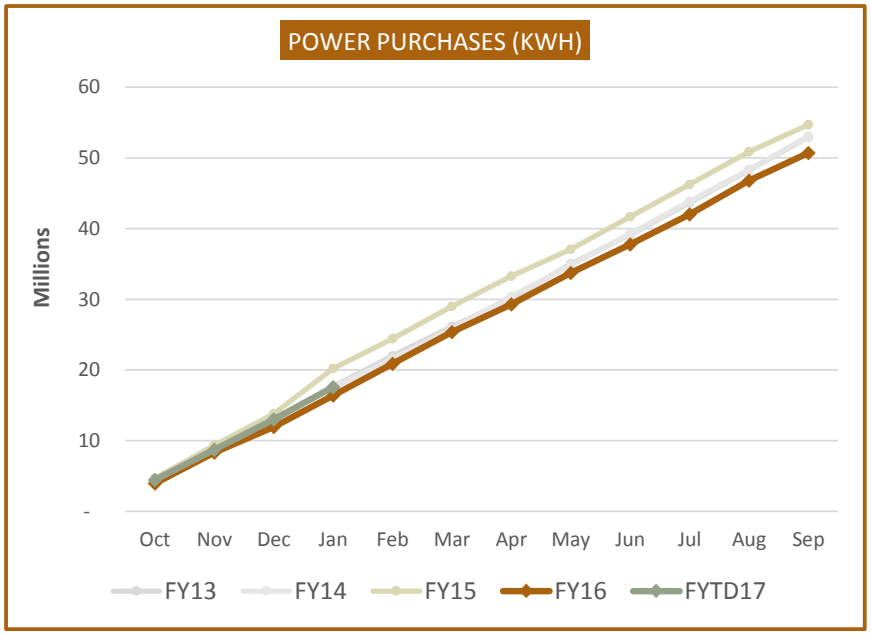


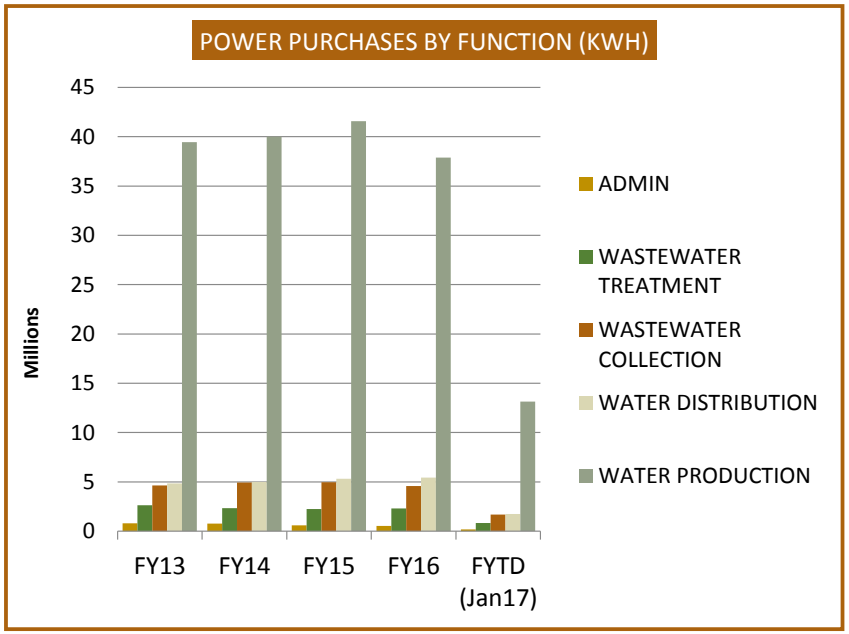


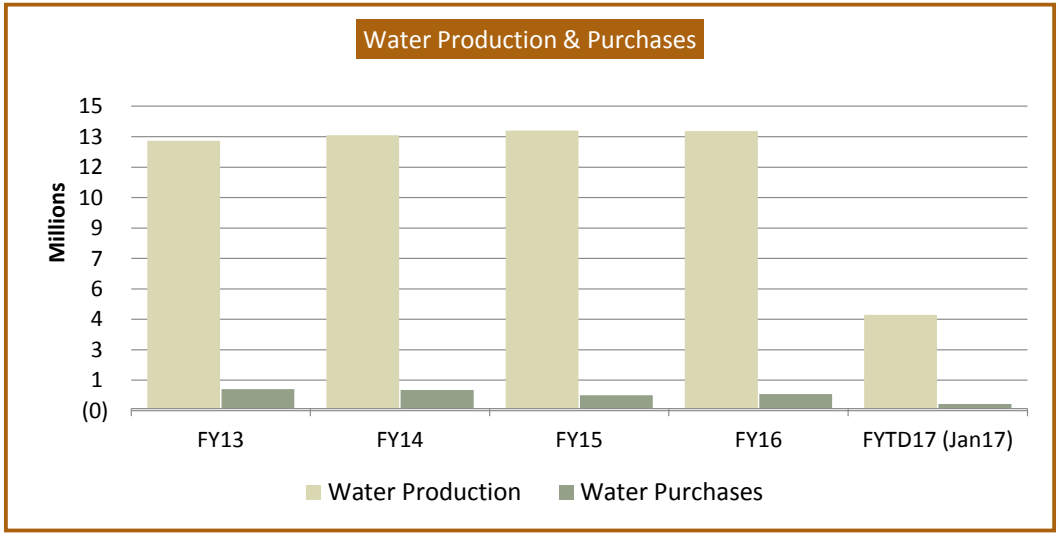
Top Ten Largest Water and Wastewater Customers – January 2017

Water				Wastewater		
	Customer Name	FY17 YTD Revenues	% of Total	Customer Name	FY17 YTD Revenues	% of Total
1)	MDI GUAM CORPORATION/LEOPALACE	$431,666	1.97%	AIR FORCE DOD	$1,427,715	11.22%
2)	PACIFIC ISLANDS CLUB	413,524	1.89%	NAVY DOD	503,361	3.96%
3)	HOTELS OF THE MARIANAS INC	336,556	1.54%	HOTELS OF THE MARIANAS INC	359,938	2.83%
4)	SHERATON LAGUNA GUAM RESORT	312,051	1.43%	SHERATON LAGUNA GUAM RESORT	334,102	2.63%
5)	HOTEL NIKKO GUAM	277,883	1.27%	HOTEL NIKKO GUAM	296,922	2.33%
6)	HYATT	273,331	1.25%	HYATT	292,516	2.30%
7)	PACIFIC STAR RESORT & SPA	225,243	1.03%	PACIFIC STAR RESORT & SPA	240,386	1.89%
8)	GUAM REEF HOTEL INC	208,743	0.95%	GUAM REEF HOTEL INC	223,147	1.75%
9)	MDI GUAM CORPORATION/WESTIN	207,746	0.95%	MDI GUAM CORPORATION/WESTIN	222,076	1.75%
10)	DEPT OF EDUCATION (UPI Elem School)	199,460	0.91%	OUTRIGGER GUAM RESORT	211,696	1.66%
	Total	**$2,886,202**	**13.20%**	**Total**	**$4,111,858**	**32.32%**

Power, Water Purchases and Water Production

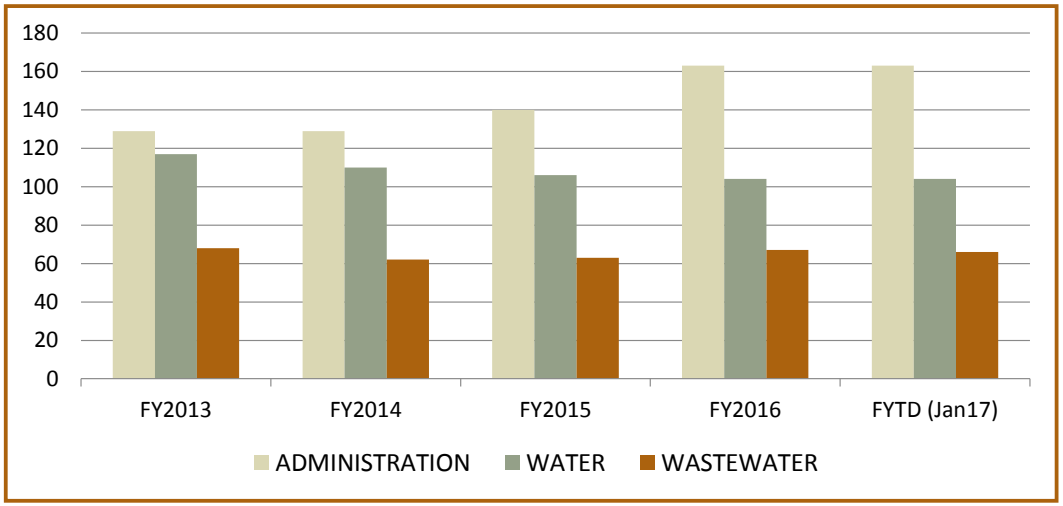






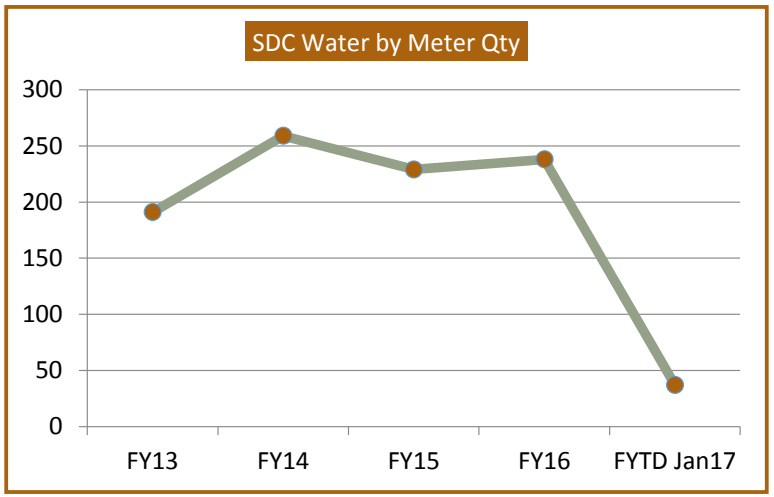
FTE by Major Division

DIVISION	FY2013	FY2014	FY2015	FY2016	FYTD (Jan17)
ADMINISTRATION	129	129	140	163	163
WATER	117	110	106	104	104
WASTEWATER	68	62	63	67	66
TOTAL NUMBER OF STAFF	314	301	309	334	333
Gross Salaries & Wages ($000)	14,929	15,532	15,805	16,442	5,540
Water Customers	41,582	41,702	41,274	42,259	42,197
Staff to Customers Ratio	0.76%	0.72%	0.75%	0.79%	0.79%

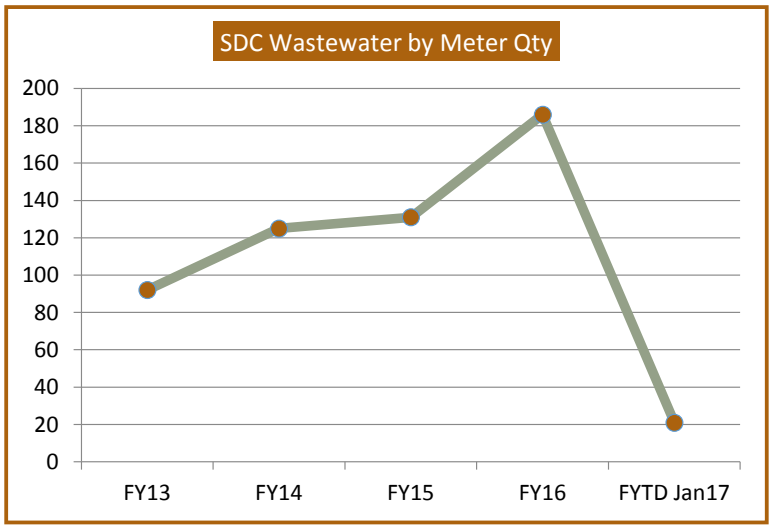


Note: FYTD17 number of employees 333 is as of January 2017

SDC Water & Wastewater (Meter Quantity)



Actual Meter Sizes (Inches)	FY 2013	FY 2014	FY 2015	FY 2016	FYTD (Jan17)
5/8 x 3/4	179	248	220	239	36
1	-	5	5	7	-
1 1/2	5	1	1	1	1
2	4	3	2	4	-
3	-	1	-	1	-
4	3	-	1	-	-
6	-	-	-	-	-
8	-	1	-	-	-
10	-	-	-	-	-
Total SDC by Water	191	259	229	252	37



Actual Meter Sizes (Inches)	FY 2013	FY 2014	FY 2015	FY 2016	FYTD (Jan17)
5/8 x 3/4	80	115	124	179	20
1	-	4	3	2	-
1 1/2	5	1	1	1	1
2	4	3	2	3	-
3	-	1	-	1	-
4	3	-	1	-	-
6	-	-	-	-	-
8	-	1	-	-	-
10	-	-	-	-	-
Total SDC by Wastewater	92	125	131	186	21

GUAM WATERWORKS AUTHORITY
JANUARY 31, 2017
FINANCIAL AND RELATED REPORTS
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GUAM WATERWORKS AUTHORITY
Balance Sheet
January 31, 2017

SCHEDULE A

ASSETS	Unaudited January 31, 2017	Audited September 30, 2016	Increase (Decrease)
Current Assets:			
Cash:			
Unrestricted (Schedule G)	7,009,416	7,935,629	(926,213)
Restricted Funds (Schedule G)	54,839,494	48,658,347	6,181,147
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of $11,268,230 at Jan 31, 2017 and $11,018,231 at Sep 30, 2016	15,683,998	15,644,048	39,950
Other Receivable	1,092,564	1,065,179	27,385
Materials & Supplies Inventory, Net of Allowance for Obsolescence of $457,370 at Sep 30, 2016 and 2015	2,505,120	2,269,775	235,344
Total Current Assets	81,130,591	75,572,979	5,557,612
Property, Plant and Equipment			
Utility plant in service:			
Water system	306,372,035	306,262,568	109,467
Wastewater system	259,512,407	259,512,407	-
Non-utility property	22,956,960	22,474,787	482,173
Total property	588,841,402	588,249,761	591,640
Less Accumulated Depreciation	(288,153,645)	(282,837,613)	(5,316,032)
Land	394,288	254,288	140,000
Construction Work in Progress	99,739,978	81,877,561	17,862,417
Property, Plant and Equipment, net	400,822,023	387,543,997	13,278,026
Other noncurrent assets			
Restricted cash (Schedule G)	269,479,489	285,277,784	(15,798,295)
Investments (Schedule G)	39,455,306	41,029,262	(1,573,956)
Other Prepaid Expenses	934,781	652,000	282,781
Total other noncurrent assets	309,869,577	326,959,047	(17,089,470)
TOTAL ASSETS	791,822,190	790,076,022	1,746,168
Deferred outflows of resources:			
Debt defeasance loss on refunding	1,817,728	1,878,602	(60,874)
Deferred outflows from pension	4,248,087	4,668,010	(419,923)
Total Assets and Deferred Outflows of Resources	**797,888,006**	**796,622,635**	**1,265,371**
LIABILITIES AND NET ASSETS			
Current Liabilities:			
Current maturities of long-term debt			
-Series 2010 Bond	1,655,000	1,655,000	-
-Series 2014 Refunding	3,385,000	3,385,000	-
-Notes Payable	2,873,988	2,873,988	-
Accounts Payable -Trade	5,019,640	4,909,146	110,494
Accrued Expense	42,126	42,126	0
Interest Payable	2,262,784	6,748,638	(4,485,853)
Accrued Payroll and Employee Benefits	1,755,632	1,692,622	63,010
Accrued Annual Leave	1,641,497	1,641,497	-
Current portion of employee annual leave	548,845	548,845	-
Contractor's Payable	2,689,508	3,436,908	(747,400)
Customer Deposits	2,257,240	2,228,235	29,004
Total Current Liabilities	24,131,259	29,162,004	(5,030,745)
Long Term Debt, less current maturities			
Series 2010 Revenue Bond	114,525,000	114,525,000	-
Series 2013 Revenue Bond	172,630,000	172,630,000	-
Series 2014 Refunding	75,995,000	75,995,000	-
Series 2016 Revenue Bond	143,310,000	143,310,000	-
Unamortized Discount - Bond 2010	(1,921,312)	(1,948,205)	26,893
Unamortized Discount - Bond 2013	(1,372,817)	(1,389,850)	17,033
Unamortized Premium - Bond 2014	4,982,436	5,071,307	(88,871)
Unamortized Premium - Bond 2016	17,667,972	17,870,470	(202,498)
Notes Payable	7,652,262	8,578,203	(925,941)
Unfunded Ret Liability (GASB 67/68)	37,343,745	38,195,938	(852,193)
Employee Annual Leave, Less Current Portion	887,084	887,084	-
TOTAL LIABILITIES	595,830,629	602,886,951	(7,056,322)
Net Assets	**202,057,377**	**193,735,684**	**8,321,693**
Total Liabilities and Net Assets	**797,888,006**	**796,622,635**	**1,265,371**

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings (Unaudited)
Comparative Budget vs. Actual for the period ending January 31, 2017

SCHEDULE B

	Month to Date			Variance
	Budget January-17	Encumbered January-17	Actual (Unaudited) January-17	Increase / (Decrease)
OPERATING REVENUES				
Water Revenues	5,678,548		5,444,524	(234,024)
Wastewater Revenues	3,284,461		3,023,927	(260,533)
Legislative Surcharge	288,387		287,368	(1,019)
Other Revenues	43,750		45,253	1,503
System Development Charge	133,333		35,830	(97,503)
Total Operating Revenues	9,428,479		8,836,903	(591,576)
OPERATING AND MAINTENANCE EXPENSES				
Water Purchases	676,391		423,585	(252,806)
Power Purchases	1,061,804		980,440	(81,364)
Total Utility Costs	1,738,195		1,404,024	(334,170)
Salaries and Wages	1,586,470		1,381,699	(204,771)
Pension and Benefits	597,585		269,106	(328,478)
Total Salaries and Benefits	2,184,055		1,650,805	(533,249)
Capitalized Labor and Benefits	(292,554)		(200,000)	92,554
Net Salaries and Benefits	1,891,501		1,450,805	(440,695)
Administrative and General Expenses				
Sludge removal	174,395	-	144,034	(30,361)
Chemicals	205,222	-	180,307	(24,915)
Materials & Supplies	216,071	48,382	155,885	(11,804)
Transportation	71,419	28,491	19,027	(23,901)
Communications	14,152	-	10,152	(4,000)
Claims	3,284	-	7,908	4,624
Insurance	135,312	-	101,071	(34,240)
Training & Travel	5,570	-	11,904	6,335
Advertising	7,045	916	4,883	(1,246)
Miscellaneous	102,963	6,507	66,703	(29,753)
Total Administrative and General Expense	935,431	84,296	701,873	(149,262)
Regulatory Expense	21,791	-	11,835	(9,956)
Bad Debts Provision	62,500	-	62,496	(4)
Depreciation Expense	1,529,550	-	1,329,008	(200,542)
Contractual Expense				
Audit & Computer Maint.	78,630	-	102,357	23,727
Building rental	38,368	-	36,521	(1,847)
Equipment rental	42,270	-	64,945	22,675
Legal	439	-	-	(439)
Laboratory	10,086	-	9,980	(106)
Other	126,292	-	127,277	985
Total Contractual Expense	296,085	-	341,080	44,995
Retiree Supp. Annuities and health care costs	239,312		230,143	(9,169)
Contribution to Government of Guam	48,285		49,500	1,215
Total Retiree Benefits	287,597		279,643	(7,954)
Total Operating Expenses	6,762,648	84,296	5,580,763	(1,097,589)
Earnings (Loss) from Operations	2,665,830	(84,296)	3,256,139	506,013
Interest Income-2010/13/14/16 Series Bond	1,029		21,491	20,462
Interest Income-Other Funds	642		3,785	3,143
Interest Expense- 2010/13/14/16 Series Bond	(2,223,983)		(2,223,983)	0
Interest Expense- ST BOG	(46,124)		(57,199)	(11,075)
Federal Expenditures	-		(84,801)	(84,801)
Loss on Asset Disposal	-		-	-
AFUDC	625,000		550,000	(75,000)
Amortization of Discount, Premium and Issuance Costs	37,738		61,861	24,123
Loss on Defeasance Bond05 Refunding	(19,483)		(15,218)	4,265
Deferred outflows from pension	(66,928)		(106,481)	(39,552)
Prior Year Adjustment	-		(54,542)	(54,542)
Total non-operating revenues (expenses)	(1,692,111)	-	(1,905,087)	(212,977)
Net Income (Loss) before capital contributions	973,720	(84,296)	1,351,052	293,036
Capital Contributions				
Grants from US Government	250,000		876,806	626,806
Grants from GovGuam & Others	-		-	-
Other Contributions	-		-	-
Total Capital Contributions	250,000	-	876,806	626,806
Change in Net Assets	1,223,720	(84,296)	2,227,858	919,843
Debt Service Calculation				
Earnings From Operations	2,665,830		3,256,139	
System Development Charge	(133,333)		(35,830)	
Interest/Investment Income	642		3,785	
Depreciation	1,529,550		1,329,008	
Balance Available for Debt Service per Section 6.12	4,062,689		4,553,103	
Working Capital Reserve Available for Debt Service	632,083		932,149	
Transfer to Working Capital Debt Service Reserve	(304,167)		-	
Balance Available for Debt Service inclusive of reserves	4,390,606		5,485,252	
Debt Service				
Principal	420,000		420,000	
Interest	1,626,858		1,626,858	
Total	2,046,858		2,046,858	
Debt Service Coverage inclusive of reserves (PUC)	2.15		2.68	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.98		2.22	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings (Unaudited)
Comparative for the period ending January 31, 2017 and 2016

SCHEDULE C

	Month to Date		Variance
	Actual (Unaudited) January-17	Actual (Audited) January-16	Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	5,444,524	5,361,643	82,881
Wastewater Revenues	3,023,927	3,102,398	(78,471)
Legislative Surcharge	287,368	241,527	45,841
Other Revenues	45,253	43,325	1,928
System Development Charge	35,830	119,028	(83,198)
Total Operating Revenues	8,836,903	8,867,921	(31,018)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	423,585	531,170	(107,585)
Power Purchases	980,440	935,490	44,949
Total Utility Costs	1,404,024	1,466,660	(62,636)
Salaries and Wages	1,381,699	1,333,993	47,706
Pension and Benefits	269,106	454,904	(185,798)
Total Salaries and Benefits	1,650,805	1,788,897	(138,092)
Capitalized Labor and Benefits	(200,000)	(248,363)	48,363
Net Salaries and Benefits	1,450,805	1,540,534	(89,729)
Administrative and General Expenses			
Sludge removal	144,034	130,423	13,610
Chemicals	180,307	186,596	(6,289)
Materials & Supplies	155,885	103,711	52,173
Transportation	19,027	47,876	(28,849)
Communications	10,152	10,265	(113)
Claims	7,908	10,618	(2,710)
Insurance	101,071	101,111	(39)
Training & Travel	11,904	12,457	(552)
Advertising	4,883	15,907	(11,024)
Miscellaneous	66,703	68,429	(1,726)
Total Administrative and General Expense	701,873	687,393	14,481
Regulatory Expense	11,835	27,104	(15,270)
Bad Debts Provision	62,496	86,193	(23,697)
Depreciation Expense	1,329,008	1,279,008	50,000
Contractual Expense			
Audit & Computer Maint.	102,357	86,467	15,890
Building rental	36,521	33,279	3,242
Equipment rental	64,945	58,162	6,783
Legal	-	362	(362)
Laboratory	9,980	10,234	(254)
Other	127,277	154,589	(27,313)
Total Contractual Expense	341,080	343,094	(2,014)
Retiree Supp. Annuities and health care costs	230,143	230,355	(213)
Contribution to Government of Guam	49,500	48,667	833
Total Retiree Benefits	279,643	279,022	621
Total Operating Expenses	5,580,763	5,709,007	(128,244)
Earnings (Loss) from Operations	3,256,139	3,158,914	97,225
Interest Income-2010/13/14/16 Series Bond	21,491	2,083	19,408
Interest Income-Other Funds	3,785	3,177	608
Interest Expense - 2010/13/14/16 Series Bond	(2,223,983)	(1,994,375)	(229,608)
Interest Expense- ST BOG	(57,199)	(59,096)	1,896
Federal Expenditures	(84,801)	(88,189)	3,388
Loss on Asset Disposal	-	(4,150)	4,150
AFUDC	550,000	1,142,370	(592,370)
Amortization of Discount, Premium and Issuance Costs	61,861	(160,812)	222,672
Loss on Defeasance Bond05 Refunding	(15,218)	(19,483)	4,265
Deferred outflows from pension	(106,481)	(7,452)	(99,029)
Prior Year Adjustment	(54,542)	(51,397)	(3,144)
Total non-operating revenues (expenses)	(1,905,087)	(1,237,323)	(667,765)
Net Income (Loss) before capital contributions	1,351,052	1,921,591	(570,539)
Capital Contributions			
Grants from US Government	876,806	434,254	442,553
Grants from GovGuam & Others	-	23,151	(23,151)
Other Contributions	-	-	-
Total Capital Contributions	876,806	457,405	419,401
Change in Net Assets	2,227,858	2,378,996	(151,138)
Debt Service Calculation			
Earnings From Operations	3,256,139	3,158,914	
System Development Charge	(35,830)	(119,028)	
Interest/Investment Income	3,785	3,177	
Depreciation	1,329,008	1,279,008	
Balance Available for Debt Service per Section 6.12	4,553,103	4,322,072	
Working Capital Reserve Available for Debt Service	932,149	382,083	
Transfer to Working Capital Debt Service Reserve	-		
Balance Available for Debt Service inclusive of Reserves	5,485,252	4,704,155	
Debt Service			
Principal	420,000	409,167	
Interest	1,626,858	1,442,950	
Total	2,046,858	1,852,116	
Debt Service Coverage inclusive of reserves (PUC)	2.68	2.54	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	2.22	2.33	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings (Unaudited)
Comparative Budget vs. Actual for the period ending January 31, 2017

SCHEDULE D

	Year to Date			Variance
	Budget January-17	Encumbered January-17	Actual (Unaudited) January-17	Increase / (Decrease)
OPERATING REVENUES				
Water Revenues	22,714,190		21,135,393	(1,578,798)
Wastewater Revenues	13,137,842		12,371,932	(765,910)
Legislative Surcharge	1,153,548		1,071,726	(81,822)
Other Revenues	175,000		253,271	78,271
System Development Charge	533,333		172,568	(360,765)
Total Operating Revenues	37,713,914		35,004,890	(2,709,024)
OPERATING AND MAINTENANCE EXPENSES				
Water Purchases	2,705,562		2,262,485	(443,077)
Power Purchases	4,247,216		3,778,790	(468,426)
Total Utility Costs	6,952,778		6,041,276	(911,503)
Salaries and Wages	6,345,881		5,539,771	(806,110)
Pension and Benefits	2,390,338		1,068,868	(1,321,470)
Total Salaries and Benefits	8,736,219		6,608,639	(2,127,581)
Capitalized Labor	(1,170,217)		(800,000)	370,217
Net Salaries and Benefits	7,566,002		5,808,639	(1,757,364)
Administrative and General Expenses				
Sludge removal	697,579	-	608,834	(88,745)
Chemicals	820,888	-	762,327	(58,561)
Materials & Supplies	864,282	239,060	470,475	(154,748)
Transportation	285,677	85,474	116,776	(83,427)
Communications	56,607	-	56,556	(52)
Claims	13,135	-	26,258	13,123
Insurance	541,247	-	404,173	(137,074)
Training & Travel	22,279	9,000	12,953	(327)
Advertising	28,178	10,434	12,185	(5,559)
Miscellaneous	411,853	51,112	313,537	(47,204)
Total Administrative and General Expense	3,741,725	395,080	2,784,073	(562,572)
Regulatory Expense	87,162	-	70,509	(16,653)
Bad Debts Provision	250,000	-	249,982	(18)
Depreciation Expense	6,118,200	-	5,316,032	(802,168)
Contractual Expense				
Audit & Computer Maint.	314,521	-	388,714	74,193
Building rental	153,471	-	146,082	(7,388)
Equipment rental	169,079	-	216,600	47,521
Legal	1,755	-	1,191	(564)
Laboratory	40,345	17,662	8,773	(13,910)
Other	505,167	82,989	361,525	(60,653)
Total Contractual Expense	1,184,338	100,651	1,122,886	39,199
Retiree Supp. Annuities and health care costs	957,247		913,035	(44,211)
Contribution to Government of Guam	193,140		198,000	4,860
Total Retiree Benefits	1,150,387	-	1,111,035	(39,351)
Total Operating Expenses	27,050,593	495,731	22,504,432	(4,050,430)
Earnings (Loss) from Operations	10,663,321	(495,731)	12,500,459	1,341,406
Interest Income-2010/13/14/16 Series Bond	4,115		37,251	33,136
Interest Income-Other Funds	2,567		19,469	16,902
Interest Expense - 2010/13/14/16 Series Bond	(8,895,934)		(8,895,934)	(0)
Interest Expense- ST BOG	(184,496)		(176,173)	8,323
Federal Expenditures	-		(339,204)	(339,204)
Loss on Assets Disposal	-		-	-
AFUDC	2,500,000		2,500,000	-
Amortization of Discount, Premium and Issuance Costs	150,950		247,443	96,493
Loss on Defeasance Bond05 Refunding	(77,932)		(60,874)	17,058
Deferred outflows from pension	(267,713)		(419,923)	(152,210)
Prior Year Adjustment	-		(356,688)	(356,688)
Total non-operating revenues (expenses)	(6,768,443)	-	(7,444,632)	(676,189)
Net Income (Loss) before capital contributions	3,894,879	(495,731)	5,055,827	665,217
Capital Contributions				
Grants from US Government	1,000,000		3,265,867	2,265,867
Grants from GovGuam & Others	-		-	-
Other Contributions	-		-	-
Total Capital Contributions	1,000,000	-	3,265,867	2,265,867
Change in Net Assets	4,894,879	(495,731)	8,321,694	2,931,085
Debt Service Calculation				
Earnings From Operations	10,663,321		12,500,459	
System Development Charge	(533,333)		(172,568)	
Interest/Investment Income	2,567		19,469	
Depreciation	6,118,200		5,316,032	
Balance Available for Debt Service per Section 6.12	16,250,755		17,663,392	
Working Capital Reserve for Debt Service	2,528,333		3,728,598	
Transfer to Working Capital Debt Service Reserve	(1,216,667)		-	
Balance Available for Debt Service inclusive of Reserves	17,562,422		21,391,990	
Debt Service				
Principal	1,680,000		1,680,000	
Interest	6,507,434		6,507,434	
Total	8,187,434		8,187,434	
Debt Service Coverage inclusive of reserves (PUC)	2.15		2.61	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	1.98		2.16	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings (Unaudited)
Comparative for the period ending January 31, 2017 and 2016

SCHEDULE E

	Year to Date ACTUAL (Unaudited) January-17	Year to Date ACTUAL (Audited) January-16	Variance Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	21,135,393	21,446,571	(311,179)
Wastewater Revenues	12,371,932	12,409,594	(37,661)
Legislative Surcharge	1,071,726	966,108	105,618
Other Revenues	253,271	173,300	79,972
System Development Charge	172,568	476,111	(303,543)
Total Operating Revenues	35,004,890	35,471,683	(466,793)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	2,262,485	2,124,678	137,807
Power Purchases	3,778,790	3,741,961	36,829
Total Utility Costs	6,041,276	5,866,640	174,636
Salaries and Wages	5,539,771	5,335,971	203,799
Pension and Benefits	1,068,868	1,819,617	(750,749)
Total Salaries and Benefits	6,608,639	7,155,588	(546,950)
Capitalized Labor and Benefits	(800,000)	(993,453)	193,453
Net Salaries and Benefits	5,808,639	6,162,136	(353,497)
Administrative and General Expenses			
Sludge removal	608,834	521,693	87,140
Chemicals	762,327	746,382	15,945
Materials & Supplies	470,475	414,845	55,630
Transportation	116,776	191,503	(74,727)
Communications	56,556	41,059	15,496
Claims	26,258	42,471	(16,213)
Insurance	404,173	404,442	(269)
Training & Travel	12,953	49,827	(36,874)
Advertising	12,185	63,630	(51,445)
Miscellaneous	313,537	273,717	39,820
Total Administrative and General Expense	2,784,073	2,749,570	34,503
Regulatory Expense	70,509	108,417	(37,908)
Bad Debts Provision	249,982	344,770	(94,788)
Depreciation Expense	5,316,032	5,116,034	199,998
Contractual Expense			
Audit & Computer Maint.	388,714	345,870	42,844
Building rental	146,082	133,114	12,968
Equipment rental	216,600	232,647	(16,047)
Legal	1,191	1,449	(258)
Laboratory	8,773	40,937	(32,164)
Other	361,525	618,357	(256,831)
Total Contractual Expense	1,122,886	1,372,374	(249,488)
Retiree Supp. Annuities and health care costs	913,035	921,421	(8,386)
Contribution to Government of Guam	198,000	194,667	3,333
Total Retriree Benefits	1,111,035	1,116,087	(5,052)
Total Operating Expenses	22,504,432	22,836,028	(331,596)
Earnings (Loss) from Operations	12,500,459	12,635,655	(135,197)
Interest Income-2010/13/14/16 Series Bond	37,251	8,330	28,920
Interest Income-Other Funds	19,469	12,708	6,761
Interest Expense - 2010/13/14/16 Series Bond	(8,895,934)	(7,977,500)	(918,434)
Interest Expense- ST BOG	(176,173)	(236,382)	60,209
Federal Expenditures	(339,204)	(352,754)	13,550
Loss on Assets Disposal	-	(16,599)	16,599
AFUDC	2,500,000	4,569,480	(2,069,480)
Amortization of Discount, Premium and Issuance Costs	247,443	(643,247)	890,689
Loss on Defeasance Bond05 Refunding	(60,874)	(77,932)	17,058
Deferred outflows from pension	(419,923)	(29,807)	(390,116)
Prior Year Adjustment	(356,688)	(205,589)	(151,099)
Total non-operating revenues (expenses)	(7,444,632)	(4,949,291)	(2,495,341)
Net Income (Loss) before capital contributions	5,055,827	7,686,365	(2,630,538)
Capital Contributions			
Grants from US Government	3,265,867	1,737,015	1,528,852
Grants from GovGuam & Others	-	92,606	(92,606)
Other Contributions	-	-	-
Total Capital Contributions	3,265,867	1,829,621	1,436,246
Change in Net Assets	8,321,694	9,515,985	(1,194,291)
Debt Service Calculation			
Earnings From Operations	12,500,459	12,635,655	
System Development Charge	(172,568)	(476,111)	
Interest/Investment Income	19,469	12,708	
Depreciation	5,316,032	5,116,034	
Balance Available for Debt Service per Section 6.12	17,663,392	17,288,286	
Working Capital Reserve Available for Debt Service	3,728,598	1,528,333	
Transfer to Working Capital Debt Service Reserve	-	-	
Balance Available for Debt Service inclusive of Reserves	21,391,990	18,816,620	
Debt Service			
Principal	1,680,000	1,636,667	
Interest	6,507,434	5,771,798	
Total	8,187,434	7,408,465	
Debt Service Coverage inclusive of reserves (PUC)	2.61	2.54	
Debt Service Coverage (1.25X)- per Section 6.12 (Indenture)	2.16	2.33	

SCHEDULE F

Bond Compliance		**($$$) Per Indenture**	**As of 01/31/17 ($$$) Bond 2010/2013/2014/2016**
• Operation and Maintenance Fund-BOG	*Equivalent to 55 days of the annual O&M budget less depreciation*	$10.5M	$10.5M
• Bond Reserve Fund - US Bank	*Fully funded- Principal and Interest (Bond Series 2010, 2013, 2014 Refunding and 2016)*	$34.9M	$34.9M
• Operation, Maintenance, Renewal and Replacement Reserve Fund-BOG Trust	*Equivalent to 1/4 of the annual O&M budget & CIP budget to be funded in 5 years ($2M/year)*	$17.4M	$17.4M
• Capital Improvement Fund & BOG Reserves	*Balance remaining in the Revenue Fund after the foregoing deposits*	$3.9K	$4.5K
• Capitalized Interest Fund			$5.3M

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY 2017

SCHEDULE G

Description	Unaudited January 31, 2017	Audited September 30, 2016	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	0
Petty Cash	5,000	5,000	0
BOG - General Fund	5,129,318	6,516,177	(1,386,859)
BOG - Credit Card-Sweep	-	-	0
BOG - On Line Payment	-	-	0
BOG - PRN Payroll	1,754,253	1,224,253	530,000
BOG - Sweep Account	(76)	76	(152)
Bank of Hawaii	83,778	121,322	(37,544)
ANZ Bank	(544)	229	(773)
First Hawaiian Bank	12,822	47,741	(34,919)
Bank Pacific	18,285	14,194	4,091
Community First FCU	4,580	4,638	(58)
Sub-total Unrestricted	7,009,416	7,935,629	(926,213)
RESTRICTED			
BOG - Customer Refunds	1,841,334	1,841,631	(297)
Bank Pacific - Surcharge	163,088	166,763	(3,674)
Bank Pacific - Escrow Deposit	850,085	845,734	4,351
BOG Emergency Reserve Fund	6,117	6,114	2
BOG - Revenue Trust	362,430	595,751	(233,321)
BOG Revenue Trust Fund	8,555,303	8,182,472	372,831
BOG Capital Improvement Fund	4,565	3,933	632
BOG-O & M Reserve	9,943,607	4,050,319	5,893,288
BOG-Debt Service Reserve	11,187,181	11,185,610	1,571
BOG-CAPEX Reserve	8,711,735	8,710,383	1,352
BOG Sewer Hookup Revolving Fund	62,669	62,132	537
BOG Short Term Loan DSF	-	-	0
BOG Subord. Sec. Fund	859,233	859,233	0
BOG Operation and Maintenance Fund	3,083,696	3,083,482	214
	45,631,042	39,593,556	6,037,486
BOG - SDC Deposit	3,208,452	1,064,792	2,143,661
BOG - SDC CDs	6,000,000	8,000,000	(2,000,000)
Total Restricted	54,839,494	48,658,347	6,181,147
Reserve Funds			
BOG Series 05 OMRRRF Fund	17,423,213	17,423,213	0
BOG Series 10 Construction Fund	10,765,976	11,725,749	(959,773)
BOG Series 13 Construction Fund	96,662,083	107,622,618	(10,960,535)
BOG Series 13 CAP I Fund	-	-	0
BOG Series 14 Refunding Construction Fund	820,651	820,529	122
BOG Series 16 Construction Fund	138,451,689	138,748,131	(296,442)
BOG Series 16 Cap Int Fund	5,355,877	8,937,545	(3,581,667)
BOG Series 16 COI Fund	-	-	0
Total Restricted - Held by Trustee	269,479,489	285,277,784	(15,798,295)
USB Series 2010 Debt Service Fund	1,499,647	2,016,414	(516,767)
USB Series 2010 Debt Service Reserve Fund	7,566,460	7,566,460	0
USB Series 2013 Debt Service Fund	777,801	2,333,083	(1,555,281)
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	0
USB Series 2014 Refunding Debt Service Fund	2,289,597	1,791,266	498,331
USB Series 2014 Refunding Debt Service Reserve Fund	7,707,435	7,707,628	(193)
USB Series 2016 Debt Service Fund	-	-	0
USB Series 2016 Debt Service Reserve Fund	7,582,679	7,582,725	(46)
Total Investments	39,455,306	41,029,262	(1,573,956)
Total Restricted and Unrestricted Cash	370,783,705	382,901,023	(12,117,318)

SCHEDULE H

Guam Waterworks Authority
Statement of Cash Flows (Unaudited)
FY 2017

	YTD Jan-17
Increase (decrease) in cash	
Cash flows from operating activities:	
Cash received from trade and others	34,735,983
Cash payments to suppliers/contractors for goods and services	(15,365,110)
Cash payments to employees for services	(6,856,664)
Net cash provided by operating activities	12,514,209
Cash flows from capital and related financing activities:	
Contributed capital received (grants)	2,750,490
Acquisition of utility plant	(17,130,777)
Repayment of Long Term Debt	(1,173,384)
Interest expense	(8,895,934)
Net cash provided by (used in) capital and related financing activities	(24,449,605)
Cash flows from investing activities:	
Transfers from (to) restricted fund	10,952,462
Interest income received	56,720
Net cash provided by investing activities	11,009,182
Net increase (decrease) in cash	(926,213)
Unrestricted cash at beginning of the period	7,935,629
Unrestricted cash at end of period	7,009,416
Reconciliation of operating loss to net cash provided by operating activities:	
Operating Income (loss)	12,327,891
Adjustments to reconcile to net cash provided by operating activities:	
Depreciation expense	5,316,032
Other Expense/income	
(Increase) decrease in assets:	
Accounts receivable	(67,335)
Materials and supplies inventory	(235,344)
Other Assets	261,719
Increase (decrease) in liabilities:	
Accounts payable, Contractors, Retention & Escrow Deposit	(5,180,768)
Accrued payroll	63,010
Customer deposits	29,004
Net cash provided by operating activities	12,514,209

Guam Waterworks Authority
Accounts Receivable - Government
As of January 31, 2017

SCHEDULE I

		AGING				
Customer Name	**No of Accounts**	**Current Balance**	**31-60 days**	**61-90 days**	**91-120 days**	**Over 120 days**	**Outstanding Bal.**
GUAM POWER AUTHORITY	23	123,367	105,952	95,228	352	423	325,322
GUAM INT'L AIRPORT AUTHORITY	10	30,569	25,477	23,289	46,771	127,164	253,271
PORT AUTHORITY OF GUAM	2	44,199	43,518	6,760	-	-	94,477
GUAM HOUSING & URBAN RENEWAL AUTHORITY	10	7,531	1,265	24	22	217	9,058
GUAM MEMORIAL HOSPITAL AUTHORITY	1	3,566	-	-	-	-	3,566
GUAM HOUSING CORPORATION	1	47	-	-	-	-	47
AUTONOMOUS AGENCIES	**47**	**209,279**	**176,211**	**125,301**	**47,146**	**127,804**	**685,741**
DEPT OF EDUCATION	49	448,916	31,561	26,333	7,818	203,102	717,730
DEPT OF PARKS & RECREATION	16	34,978	23,965	3,712	583	88,313	151,551
DEPT OF CORRECTIONS	8	89,631	6,352	3,229	1,872	20,955	122,039
DEPT OF PUBLIC HEALTH & SOCIAL SERVICES	6	2,114	582	661	574	104,516	108,447
DEPT OF CHAMORRO AFFAIRS	1	21,444	5,553	3,842	-	-	30,839
MAYORS' COUNCIL OF GUAM	52	16,725	2,937	1,148	137	1,415	22,362
DEPT OF PUBLIC WORKS	10	4,123	649	659	588	3,529	9,547
GUAM FIRE DEPARTMENT	8	5,560	2,138	318	-	-	8,017
SANCTUARY INC	1	4,109	-	-	-	-	4,109
DIVISION OF SENIOR CITIZENS, DPH&SS	2	3,154	230	120	-	-	3,505
OFFICE OF THE GOVERNOR	2	3,136	-	-	-	-	3,136
DEPT OF AGRICULTURE	2	3,114	-	-	-	-	3,114
GUAM LEGISLATURE	2	2,460	23	6	-	-	2,489
DEPT OF MILITARY AFFAIRS/GUARNG	1	1,768	-	-	-	-	1,768
GUAM POLICE DEPARTMENT	2	1,314	-	-	-	-	1,314
DEPT OF ADMINISTRATION	1	675	-	-	-	-	675
GUAM VETERANS AFFAIRS OFFICE	2	256	226	-	-	-	482
DEPT OF MENTAL HEALTH	1	227	-	-	-	-	227
GHURA-AGAFU GUMAS PARK	1	31	26	31	28	93	208
GUAM PUBLIC LIBRARY	3	138	-	-	-	-	138
DEPT OF AGRICULTURE-FISHERIES	1	115	-	-	-	-	115
GUAM SOLID WASTE AUTHORITY	2	75	-	-	-	-	75
MERIZO MAYOR	1	57	-	-	-	-	57
DEPT OF YOUTH AFFAIRS	2	49	-	-	-	-	49
							-
LINE AGENCIES	**176**	**644,170**	**74,242**	**40,060**	**11,600**	**421,923**	**1,191,995**
TOTAL JANUARY 31, 2017	**223**	**853,449**	**250,454**	**165,360**	**58,746**	**549,727**	**1,877,736**
TOTAL September 30, 2016	**243**	**1,516,081**	**325,256**	**94,308**	**95,259**	**717,692**	**2,748,597**
PERCENT INCREASE/ (DECREASE)	**-8%**	**-44%**	**-23%**	**75%**	**-38%**	**-23%**	**-32%**

GUAM WATERWORKS AUTHORITY
2010 Series Bond Project Status
As of Jan. 31, 2017

SCHEDULE J

PROJECT NAME	ORIGINAL APPROVED PROJECT COST	Adjusted Project Cost	EXPENDITURES AS OF 01/31/17	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 01/31/17
Ground Water Disinfection	$ -	$ 500,000	$ 438,141	$ 61,859	$ 500,000	$ 0	$ 61,859
"A" Series Well Transmission Line	$ 600,000	$ 600,000	$ 474,434	$ 1,274	$ 475,709	$ 124,291	$ 125,566
Water Booster Pump Station	$ 500,000	$ 500,000	$ 418,844	$ 81,156	$ 500,000	$ (0)	$ 81,156
Meter Replacement Program	$ 2,500,000	$ 10,300,000	$ 10,254,198	$ 19,430	$ 10,273,628	$ 26,372	$ 45,802
Barrigada Tank Repair/Replacement	$ -	$ 5,450,000	$ 5,442,302	$ 7,698	$ 5,450,000	$ 0	$ 7,698
Leak Detection		$ 200,000	$ -	$ 200,000	$ 200,000	$ -	$ 200,000
Potable Water System Planning	$ 200,000	$ 200,000	$ 179,606	$ 20,394	$ 200,000	$ -	$ 20,394
Implement Ground Water Rule		$ 1,700,000	$ 1,499,464	$ 200,535	$ 1,700,000	$ 1	$ 200,536
Brigade II (Ugum Lift) BPS Upgrade	$ 1,200,000	$ 1,700,000	$ 83,395	$ 202,199	$ 285,595	$ 1,414,405	$ 1,616,605
Deep Well Rehabilitation	$ 548,000	$ 548,000	$ 548,000	$ -	$ 548,000	$ -	$ -
New Deep Wells at Down Hard	$ 3,773,000	$ 1,773,000	$ 485,743	$ -	$ 485,743	$ 1,287,257	$ 1,287,257
Rehabilitation of Asan Springs	$ 900,000	$ 900,000	$ 188,771	$ 152,068	$ 340,838	$ 559,162	$ 711,229
Master Meters	$ 1,600,000	$ 1,600,000	$ 1,421,267	$ 68,690	$ 1,489,957	$ 110,043	$ 178,733
Ugum Water Treatment Plant Intake	$ 3,670,000	$ 700,000	$ 543,615	$ 156,385	$ 700,000	$ -	$ 156,385
Water Wells	$ 2,000,000	$ -	$ -		$ -	$ -	$ -
Water Distribution System	$ 384,000	$ 3,200,000	$ 3,174,748	$ -	$ 3,174,748	$ 25,252	$ 25,252
Pressure Zone Realignment /	$ 3,550,000	$ -	$ -		$ -	$ -	$ -
Northern System Water Distribution	$ 2,725,000	$ -	$ -	$ -	$ -	$ -	$ -
Central Water Distribution System 2005	$ 1,200,000	$ 900,000	$ 578,946	$ 45,206	$ 624,152	$ 275,848	$ 321,054
Southern Water Distribution System	$ 1,800,000	$ -	$ -		$ -	$ -	$ -
Mechanical/Electrical Equipment	$ 1,360,000	$ 1,200,000	$ 1,079,495	$ 120,505	$ 1,200,000	$ (0)	$ 120,505
Water Reservoir Internal/External	$ 500,000	$ 2,000,000	$ 855,242	$ 584,234	$ 1,439,476	$ 560,524	$ 1,144,758
Water Reservoir Internal/External	$ 2,400,000	$ -	$ -		$ -	$ -	$ -
Water System Reservoirs 2005 Improvements	$ 11,697,000	$ 1,050,000	$ 1,050,000	$ 0	$ 1,050,000	$ -	$ 0
Distribution System Upgrades	$ 3,182,000	$ 500,000	$ 451,355	$ 22,805	$ 474,160	$ 25,840	$ 48,645
Ugum Water Treatment Plant Reservoir	$ 3,672,000	$ -	$ -		$ -	$ -	$ -
Water Audit Program & Water Loss Control Plan		$ 100,000	$ 15,031	$ 63,428	$ 78,459	$ 21,541	$ 84,970
Production Plan / Reduce Navy Purchases		$ 100,000	$ 94,286	$ 5,714	$ 100,000	$ -	$ 5,714
Hydraulic Asessment of Tank		$ 500,000	$ 495,730	$ 4,270	$ 500,000	$ -	$ 4,270
Agana Heights & Chaot Tanks		$ 4,700,000	$ 3,871,240	$ 828,760	$ 4,700,000	$ -	$ 828,760
Tank Major Repair Yigo#1 Mangilao#2 Agat#2		$ 2,400,000	$ 1,691,840	$ 156,174	$ 1,848,013	$ 551,987	$ 708,160
Tank Major Repair Yigo#1 Mangilao#2 Agat#2		$ -			$ -	$ -	$ -
Assessment of malojloj Elevetad & Yigo Elevated		$ 200,000	$ 180,098	$ 19,902	$ 200,000	$ -	$ 19,902
Public Water System Asser Inventory/Condition Assesment		$ 100,000	$ 96,483	$ 3,517	$ 100,000	$ -	$ 3,517
Public Water System GIS & Mapping		$ 50,000	$ 41,283	$ 8,717	$ 50,000	$ -	$ 8,717
		$ -			$ -	$ -	$ -
Wastewater System Planning	$ 1,500,000	$ 1,500,000	$ 1,465,772	$ 8,228	$ 1,474,000	$ 26,000	$ 34,228
Wastewater Vehicles	$ 235,000	$ 235,000	$ 209,795	$ 25,205	$ 235,000	$ 0	$ 25,205
NDWWTP - Chlorine Tanks	$ 250,000	$ 250,000	$ 250,000	$ -	$ 250,000	$ -	$ -
Tumon Bay Sewer Upgrades	$ 100,000	$ -	$ -		$ -	$ -	$ -
Wastewater Collection System Repl/Rehab		$ 1,150,000	$ 718,022	$ 283,301	$ 1,001,323	$ 148,677	$ 431,978
Facilities Plan/Design for Baza Gardens WWTP	$ 1,250,000	$ 1,250,000	$ 1,138,305	$ 10,964	$ 1,149,269	$ 100,731	$ 111,695
Facilities Plan/Design for Agat-Santa Rita WWTP	$ 900,000	$ 900,000	$ 881,391	$ 18,239	$ 899,630	$ 370	$ 18,609
Priority 1 Sewer Upgrades – Baza Gardens WWTP	$ 650,000	$ -	$ -		$ -	$ -	$ -
Baza Gardens STP Replacement	$ 3,567,000	$ 317,000	$ 150,663	$ 166,337	$ 317,000	$ -	$ 166,337
Facilities Plan/Design for Umatac Merizo WWTP		$ 900,000	$ 313,564	$ 357,227	$ 670,791	$ 229,209	$ 586,436
Agat/Santa Rita STP Replacement	$ 2,968,000	$ 2,218,000	$ 2,215,591	$ 387	$ 2,215,978	$ 2,022	$ 2,409
Northern District WWTP Primary Treatment Upgrades	$ -	$ 11,750,000	$ 11,363,364	$ 211,236	$ 11,574,600	$ 175,400	$ 386,636
Biosolids Management Plan		$ 200,000	$ 182,693	$ 17,307	$ 200,000	$ -	$ 17,307
Agana WWTP Interim Measures	$ -	$ 11,500,000	$ 11,242,139	$ 57,861	$ 11,300,000	$ 200,000	$ 257,861
I&I SSES Southern		$ 800,000	$ 637,948	$ 162,052	$ 800,000	$ (0)	$ 162,052
I&I SSES Central		$ 850,000	$ 794,325	$ 55,675	$ 850,000	$ -	$ 55,675
I&I SSES Northern		$ -			$ -	$ -	$ -
Umatac Merizo Replacement		$ 250,000	$ 247,431	$ 2,569	$ 250,000	$ -	$ 2,569
Well Electrical Protection	$ 26,000	$ -	$ -		$ -	$ -	$ -
SCADA Pilot Project	$ 300,000	$ 70,000	$ 19,812	$ 42,138	$ 61,950	$ 8,050	$ 50,188
Electrical Upgrade - Water Wells	$ 3,000,000	$ 450,000	$ 335,378	$ 18,849	$ 354,227	$ 95,773	$ 114,622
Electrical Upgrade - Water Booster	$ 325,000	$ -	$ -		$ -	$ -	$ -
Electrical Upgrade -Water Booster	$ 350,000	$ -	$ -		$ -	$ -	$ -
Electrical Upgrade - Other Water	$ 250,000	$ -			$ -	$ -	$ -
SCADA Improvements – Phase 1	$ 250,000	$ 250,000	$ 193,968	$ 56,032	$ 250,000	$ -	$ 56,032
SCADA Improvements – Phase 2	$ 1,100,000	$ 1,100,000	$ 1,027,403	$ 29,583	$ 1,056,986	$ 43,014	$ 72,597
SCADA Improvements – Phase 3	$ 2,500,000	$ 50,000	$ 24,956	$ -	$ 24,956	$ 25,044	$ 25,044
SCADA Improvements – Phase 4	$ 850,000	$ -	$ -		$ -	$ -	$ -
Laboratory Modernization	$ 1,200,000	$ -	$ -		$ -	$ -	$ -
Land Survey	$ 1,500,000	$ 500,000	$ 360,584	$ 46,073	$ 406,657	$ 93,343	$ 139,416
General Plant Improvements / Water	$ 14,370,000	$ 7,241,000	$ 7,241,000	$ 0	$ 7,241,000	$ 0	$ 0
Interest Earned							$ 31,634
Total Construction Fund (2010 Series Revenue Bond)	**$ 87,402,000**	**$ 87,402,000**	**$ 76,667,658**	**$ 4,604,185**	**$ 81,271,843**	**$ 6,130,157**	**$ 10,765,976**

1.) PUC's Docket 11-01 $29,000,000.00 dated
09/19/11authorized GWA for reallocation
2) PUC's Docket 11-01 Reallocation of $23,246,000.00 dated 07/30/12
3) PUC's Dockect Reallocation dated February 2013

GUAM WATERWORKS AUTHORITY
2013 Series Bond Project Status
As of Jan. 31, 2017

SCHEDULE K

PROJECT NAME	Adjusted Project Cost	EXPENDITURES AS OF 01/31/17	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 01/31/17
Santa Rita Springs Booster Pump Rehab Phase II	$ 100,000			$ -	$ 100,000	$ 100,000
"A" Series Well Transmission Line	$ 400,000	314,479	55,367	$ 369,846	$ 30,154	$ 85,521
Water Booster Pump Station	$ 1,861,000	1,567,880	62,084	$ 1,629,964	$ 231,036	$ 4,432,120
Meter Replacement Program	$ 999,000	996,532	-	$ 996,532	$ 2,468	$ 503,468
Barrigada Tank Repair/Replacement	$ 4,987,000	4,924,959	62,041	$ 4,987,000	$ 0	$ 1,075,041
Leak Detection	$ 20,000	16,916	-	$ 16,916	$ 3,084	$ 83,084
Potable Water System Planning	$ 624,000	598,453	25,547	$ 624,000	$ (0)	$ 601,547
Implement Ground Water Rule	$ 1,000,000	1,000,000	-	$ 1,000,000	$ -	$ -
Deep Well Rehabilitation	$ 550,000	189,780	10,220	$ 200,000	$ 350,000	$ 610,220
New Deep Wells at Down Hard	$ 810,000			$ -	$ 810,000	$ 2,000,000
Master Meters	$ 884,000	531,188	180,872	$ 712,060	$ 171,940	$ 3,468,812
Ugum Water Treatment Plant Intake	$ 982,000	578,549	281,252	$ 859,801	$ 122,199	$ 421,451
Water Wells	$ 4,200,000	1,311,569	865,052	$ 2,176,621	$ 2,023,379	$ 2,888,431
Water Distribution System	$ 12,451,000	3,112,675	5,692,685	$ 8,805,360	$ 3,645,640	$ 10,887,325
Pressure Zone Realignment /	$ 431,000	321,464	1,260	$ 322,725	$ 108,275	$ 678,536
Mechanical/Electrical Equipment	$ 430,000	328,686	98,112	$ 426,798	$ 3,202	$ 101,314
Water Reservoir Internal/External	$ -			$ -	$ -	$ 800,000
Water System Reservoirs 2005 Improvements	$ 13,878,000	4,467,913	3,238,855	$ 7,706,768	$ 6,171,233	$ 13,532,087
Ugum Water Treatment Plant Reservoir	$ 90,000			$ -	$ 90,000	$ 7,000,000
Agana Heights & Chaot Tanks	$ 3,280,000	232,227	47,022	$ 279,250	$ 3,000,750	$ 4,267,773
Tank Major Repair Yigo#1 Mangilao#2 Agat#2	$ 11,605,000	152,333	1,409,371	$ 1,561,703	$ 10,043,297	$ 13,347,668
Tank Major Repair Yigo#1 Mangilao#2 Agat#2	$ -			$ -	$ -	$ 8,000,000
Assessment of malojloj Elevetad & Yigo Elevated	$ 500,000	390,927	94,190	$ 485,117	$ 14,883	$ 109,073
Fire Hydrant Replacement Program	$ -			$ -	$ -	$ 1,000,000
	$ -					
Wastewater System Planning	$ 651,000	479,045	171,956	$ 651,000	$ (0)	$ 320,955
Lift Station Upgrades	$ 946,000	561,008	363	$ 561,371	$ 384,629	$ 1,438,992
Wastewater Collection System Repl/Rehab	$ 880,000	248,681	193,066	$ 441,748	$ 438,253	$ 3,551,319
Baza Gardens STP Replacement	$ 1,000,000	888,179	111,821	$ 1,000,000	$ -	$ 111,821
Facilities Plan/Design for Umatac-Merizo WWTP	$ 473,000	322,552	49,147	$ 371,699	$ 101,301	$ 677,448
Agat/Santa Rita STP Replacement	$ 67,200,000	14,886,703	52,003,898	$ 66,890,601	$ 309,399	$ 4,113,297
Agana WWTP Interim Measures	$ 673,000	526,226	146,774	$ 673,000	$ (0)	$ 973,774
Umatac Merizo Replacement	$ -			$ -	$ -	$ 1,000,000
	$ -					
Wastewater Pump Station Electrical Upgrade	$ 620,000	91,274	8,587	$ 99,861	$ 520,139	$ 528,726
Electrical Upgrade - Water Wells	$ 1,500,000	1,480,583	19,417	$ 1,500,000	$ 0	$ 19,417
Electrical Upgrade - Water Booster	$ 2,000			$ -	$ 2,000	$ 325,000
Electrical Upgrade -Water Booster	$ 350,000	977	-	$ 977	$ 349,023	$ 349,023
Electrical Upgrade - Other Water	$ 250,000	60,700	-	$ 60,700	$ 189,300	$ 189,300
SCADA Improvements – Phase 3	$ 923,000	313,731	408,628	$ 722,359	$ 200,641	$ 1,536,269
SCADA Improvements – Phase 4	$ -			$ -	$ -	$ 1,200,000
	$ -					
Laboratory Modernization	$ 1,173,000	930,765	240,700	$ 1,171,465	$ 1,535	$ 569,235
Land Survey	$ 2,000		2,000	$ 2,000	$ (0)	$ 2,000,000
General Plant Improvements / Water	$ 2,600,000	1,160,728	1,281,010	$ 2,441,737	$ 158,263	$ 1,439,272
Allowance for COI						$ 275,005
Interest Earned						$ 49,759
Total Construction Fund (2013 Series Revenue Bond)	**$ 139,325,000**	**$ 42,987,682**	**$ 66,761,297**	**$ 109,748,979**	**$ 29,576,022**	**$ 96,662,083**

PUC's Docket 14-04 dated February 25, 2014

GUAM WATERWORKS AUTHORITY
2014 Series Refunded Bond Project Status
As of Jan. 31, 2017

SCHEDULE L

PROJECT NAME	ORIGINAL APPROVED PROJECT	ADJUSTED PROJECT COST	EXPENDITURES AS OF 01/31/17	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	20% PUC AS OF 01/31/17	Construction fund balance AS OF 01/31/17
Agana Treatment Plant	$ 10,475,000	$ 11,065,512	11,065,512	$ -	$ 11,065,512	$ (0)	$ 2,095,000	$ (0)
								$ -
Agana Outfall	$ 5,030,000	$ 10,127,198	10,127,198	$ -	$ 10,127,198	$ 0	$ 1,006,000	$ 0
								$ -
								$ -
Northern District (Outfall)	$ 4,700,000	$ 10,251,423	10,251,423	$ -	$ 10,251,423	$ 0	$ 940,000	$ 0
Northern District WWTP Upgrade		$ 173,681	173,681		$ 173,681	$ -		$ -
Northern Treatment Plant		$ -	-		$ -	$ -		$ -
Baza Gardens Wastewater Treatment Plant	$ 500,000	$ 297,177	297,177	$ -	$ 297,177	$ (0)	$ 100,000	$ (0)
Interim Disinfection Facilities	$ 581,000	$ 3,437,311	3,408,599	$ 28,712	$ 3,437,311	$ (0)	$ 116,200	$ 28,712
						$ -		$ -
Electrical Protection	$ 1,000,000	$ 1,512,483	1,512,483.3	$ -	$ 1,512,483	$ (0)	$ 200,000	$ (0)
Well Vulnerability Reduction	$ 600,000	$ 185,522	185,522	$ -	$ 185,522	$ 0	$ 120,000	$ 0
Old Agat Wastewater Collection (I/I Reductic	$ 2,155,000	$ 1,931,659	1,931,659	$ -	$ 1,931,659	$ (0)	$ 431,000	$ (0)
				$ -		$ -		$ -
Chaot WW Pump Station/Collection System	$ 410,000	$ 399,120	399,120	**$ -**	$ 399,120	$ -	$ 82,000	$ -
Lift Station Upgrades	$ 230,000	$ 149,895	149,895	$ -	$ 149,895	$ 0	$ 46,000	$ 0
Collection Line Upgrades	$ 200,000	$ 62,755	62,755	$ -	$ 62,755	$ 0	$ 40,000	$ 0
"A" Well Transmission Line	$ 2,413,000	$ 3,833,175	3,790,888	$ 42,287	$ 3,833,175	$ (0)	$ 482,600	$ 42,287
					$ -	$ -		$ -
Santa Rita Springs - Booster Pump Rehab.	$ 648,000	$ 306,841	306,841	-	$ 306,841	$ (0)	$ 129,600	$ (0)
						$ -	$ -	$ -
Fena Bypass Transmission line		$ 160,913	160,913	$ -	$ 160,913	$ (0)	$ -	$ (0)
Storage Additions	$ 950,000	$ -			$ -	$ -	$ 190,000	$ -
Booster Station Upgrades	$ 390,000	$ 66,734	66,734	$ -	$ 66,734	$ -	$ 78,000	$ -
Mangilao Tank Repair	$ 800,000	$ 398,367	397,933	$ 434	$ 398,367	$ (0)	$ 160,000	$ 434
Ugum Tank Replacement	$ 2,500,000	$ -			$ -	$ -	$ 500,000	$ -
Ugum WTPlant Refurbishment ($1.724,970EPA)		$ 6,588,473	6,531,525	$ 56,949	$ 6,588,473	$ (0)		$ 56,948
Barrigada Tank Repair/Replacement	$ 3,000,000	$ 65,019	65,019	$ -	$ 65,019	$ 0	$ 600,000	$ 0
						$ -		$ -
Water Reservoir Condition Assessment		$ 1,250,000	1,207,250.62	$ 42,749	$ 1,250,000	$ 0	$ -	$ 42,749
EarthTech Well Buyout	$ 5,000,000	$ 5,975,000	5,975,000	$ -	$ 5,975,000	$ -	$ 1,000,000	$ -
Water Wastewater Master Plan	$ 4,900,000	$ 4,881,308	4,881,308	$ -	$ 4,881,308	$ 0	$ 980,000	$ 0
Laboratory Modernization	$ 800,000	$ 135,055	135,055	$ -	$ 135,055	$ 0	$ 160,000	$ 0
Land Survey	$ 800,000	$ 577,836	556,037	$ 21,799	$ 577,836	$ 0	$ 160,000	$ 21,799
Ground Water Disinfection		$ -				$ -		$ -
GWUDI Study		$ 262,234	260,430	1,804	$ 262,234	$ -		$ 1,804
						$ -		$ -
Contingency	$ 12,276,023	$ 154	-	$ -	$ -	$ -		$ 732
						$ -		$ -
						$ -		$ -
						$ -		$ -
						$ -		$ -
						$ -		$ -
Vehicles	$ 1,100,000	$ 1,280,000	2,130,305	$ (850,305)	$ 1,280,000	$ -	$ 220,000	$ -
Generation Equipment	$ 700,000	$ 880,000	2,712	$ 877,288	$ 880,000	$ 0		$ 27,033
Leak Detection/Line Replacement	$ 8,200,000	$ 5,988,494	5,988,494	$ -	$ 5,988,494	$ -	$ 1,640,000	$ -
						$ -		$ -
						$ -		$ -
Automated Meter Reading	$ 12,572,063	$ 17,468,359	16,870,522	$ 537,157	$ 17,468,359.32	$ 0	$ 2,514,413	$ 597,837
Total Construction Fund (2014 Series Refu	$ 82,930,086	$ 89,711,698	88,891,990	$ 758,873.38	$ 89,711,543	$ 1	$ 13,990,813	$ 820,336
Interest Earned	$ 6,781,612	$ (0)				$ (0)		$ 315
Total Project Cost Funding	**$ 89,711,698**	**$ 89,711,698**	**88,891,990**	**$ 758,873.38**	**$ 89,711,543**	**$ 1**	**$ 13,990,813**	**$ 820,651**

GUAM WATERWORKS AUTHORITY
2016 Series Bond Project Status
As of Jan. 31, 2017

SCHEDULE M

PROJECT NAME	ORIGINAL APPROVED PROJECT COST	EXPENDITURES AS OF 01/31/17	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 01/31/17
Water Booster Pump Station	$ 4,139,000			$ -	$ 4,139,000	$ 4,139,000
Meter Replacement Program	$ 4,501,000			$ -	$ 4,501,000	$ 4,501,000
Barrigada Tank Repair/Replacement	$ 1,013,000			$ -	$ 1,013,000	$ 1,013,000
Leak Detection	$ 1,180,000			$ -	$ 1,180,000	$ 1,180,000
Potable Water System Planning	$ 2,276,000		336,894	$ 336,894	$ 1,939,106	$ 2,276,000
Deep Well Rehabilitation	$ 250,000			$ -	$ 250,000	$ 250,000
New Deep Wells at Down Hard	$ 1,190,000			$ -	$ 1,190,000	$ 1,190,000
Master Meters	$ 3,616,000			$ -	$ 3,616,000	$ 3,616,000
Ugum Water Treatment Plant Intake	$ 18,000			$ -	$ 18,000	$ 18,000
Water Wells	$ 2,500,000			$ -	$ 2,500,000	$ 2,500,000
Water Distribution System	$ 2,049,000			$ -	$ 2,049,000	$ 2,049,000
Pressure Zone Realignment /	$ 1,141,000			$ -	$ 1,141,000	$ 1,141,000
Mechanical/Electrical Equipment	$ 100,000			$ -	$ 100,000	$ 100,000
Water Reservoir Internal/External	$ 800,000			$ -	$ 800,000	$ 800,000
Water System Reservoirs 2005 Improvements	$ 42,350,000		1,893,328	$ 1,893,328	$ 40,456,672	$ 42,350,000
Ugum Water Treatment Plant Reservoir	$ 6,410,000			$ -	$ 6,410,000	$ 6,410,000
Water Audit Program & Water Loss Control Plan	$ 1,000,000				$ 1,000,000	$ 1,000,000
Agana Heights & Chaot Tanks	$ 1,220,000			$ -	$ 1,220,000	$ 1,220,000
Tank Major Repair Yigo#1 Mangilao#2 Agat#2	$ 1,895,000			$ -	$ 1,895,000	$ 1,895,000
Tank Major Repair Yigo#1 Mangilao#2 Agat#2	$ 10,500,000		1,822,133	$ 1,822,133	$ 8,677,867	$ 10,500,000
Fire Hydrant Replacement Program	$ 2,000,000			$ -	$ 2,000,000	$ 2,000,000
Wastewater System Planning	$ 349,000		40,647	$ 40,647	$ 308,353	$ 349,000
Lift Station Upgrades	$ 2,404,000			$ -	$ 2,404,000	$ 2,404,000
Wastewater Collection System Repl/Rehab	$ 2,920,000			$ -	$ 2,920,000	$ 2,920,000
Baza Gardens STP Replacement	$ 16,700,000	1,591,721	3,830,251	$ 5,421,972	$ 11,278,028	$ 15,108,279
Facilities Plan/Design for Umatac-Merizo WWTP	$ 527,000	1,038	250,015	$ 251,053	$ 275,948	$ 525,963
Agat/Santa Rita STP Replacement	$ 3,000,000		447,250	$ 447,250	$ 2,552,750	$ 3,000,000
Agana WWTP Interim Measures	$ 827,000			$ -	$ 827,000	$ 827,000
Umatac Merizo Replacement	$ 8,000,000		57,220	$ 57,220	$ 7,942,780	$ 8,000,000
Wastewater Pump Station Electrical Upgrade	$ 100,000			$ -	$ 100,000	$ 100,000
Electrical Upgrade - Water Wells	$ 650,000			$ -	$ 650,000	$ 650,000
Electrical Upgrade - Water Booster	$ 323,000			$ -	$ 323,000	$ 323,000
SCADA Improvements – Phase 3	$ 1,177,000		432,705	$ 432,705	$ 744,295	$ 1,177,000
SCADA Improvements – Phase 4	$ 6,500,000			$ -	$ 6,500,000	$ 6,500,000
Laboratory Modernization	$ 1,127,000		1,127,000	$ 1,127,000	$ -	$ 1,127,000
Land Survey	$ 1,998,000		107,000	$ 107,000	$ 1,891,000	$ 1,998,000
General Plant Improvements / Water	$ 2,769,463		474,437	$ 474,437	$ 2,295,026	$ 2,769,463
Information Technology Integration Improvements	$ 500,000				$ 500,000	$ 500,000
Interest Earned						$ 24,984
Total Construction Fund (2016 Series Revenue Bond)	**$ 140,019,463**	**$ 1,592,758**	**$ 10,818,880**	**$ 12,411,639**	**$ 127,607,824**	**$ 138,451,689**

GUAM WATERWORKS AUTHORITY
Schedule of Series 2010, 2013, 2014 Refunding and 2016 Bond Bank Accounts
As of January 31, 2017

SCHEDULE N

	1/31/2017
BANK OF GUAM	
BOG - Revenue Account - Acct. no. 71-00-4000-3-02	8,555,303
BOG - Operations and Maintenance Reserve - Acct. no. 71-01-4000-3-02	3,083,696
BOG - Operations, Maintenance, Renewal and Replacement Reserve Fund - Acct. no. 71-03-4000-3-02	17,423,213
BOG - Capital Improvement Fund - Acct. no. 71-05-4000-3-02	4,565
BOG - O & M Reserve - Acct. no. 71-05-4001-3-02	9,943,607
BOG - Debt Service Reserve - Acct. no. 71-05-4002-3-02	11,187,181
BOG - CAPEX Reserve - Acct. no. 71-05-4003-3-02	8,711,735
Total BOG Bank Account Balance	**58,909,299**
Series 2010 Bond:	
BOG - Construction Account - Acct. no. 71-09-4000-3-02	10,765,976
USB - Debt Service Fund - Acct. no. 144541000	1,499,647
USB - Debt Service Reserve Fund - Acct. no. 210860001	7,566,460
Total Series 2010 Bond Bank Balance	**19,832,083**
Series 2013 Bond:	
BOG - Construction Fund - Acct. no. 71-13-4000-3-02	96,662,083
BOG - Capitalized Interest Fund - Acct. no. 71-12-4000-3-02	-
USB - Debt Service Fund - Acct no. 207339000	777,801
USB - Debt Service Reserve Fund - Acct no. 210860001	12,031,688
Total Series 2013 Bond Bank Balance	**109,471,572**
Series 2014 Refunding Bond:	
BOG - Construction Fund - Acct. no. 71-08-4000-3-02	820,651
USB - Debt Service Fund - Acct. no. 210860000	2,289,597
USB - Debt Service Reserve Fund - Acct. no. 210860001	7,707,435
Total Series 2014 Refunding Bond Bank Balance	**10,817,682**
Series 2016 Bond:	
BOG - Construction Account - Acct. no. 71-15-4000-3-02	138,451,689
BOG - Capitalized Interest Fund - Acct. no. 71-15-4001-3-02	5,355,877
BOG - Cost of Issuance Fund - Acct. no. 71-15-4002-3-02	-
USB - Debt Service Fund - Acct. no. 264990000	-
USB - Debt Service Reserve Fund - Acct. no. 264990001	7,582,679
Total Series 2016 Bond Bank Balance	**151,390,245**

CONSOLIDATED
COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

February 21, 2017

MEMORANDUM

TO: Members, Consolidated Commission on Utilities

SUBJECT: CCU POLL VOTE MATTER: GWA RESOLUTION 18-FY2017
Approval of Route 1 sewer Rehab & Asan Sewer Break Repair Constriction Project

Commissioner	Y/N	Initials	Time/Date	Comments
Joseph Duenas	Y		8:06am 2/15/17	Via email
Francis Santos				
George Bamba	Y		6:05pm 2/14/17	Via email
Judi Guthertz	Y		2:02am 2/15/17	Via email
Simon Sanchez	Y		5:01pm 2/14/17	Via Email

Concurred by:

_____ _____

Miguel Bordallo, GWA GM **Date**

Bernadette Lou Sablan

From: Judith Gutherz <judithguthertz@gmail.com>
Sent: Wednesday, February 15, 2017 2:02 AM
To: Simon Sanchez
Cc: Bernadette Lou Sablan; CCU Board Members; Miguel C Bordallo; thomas@guamwaterworks.org; Kelly Clark; Ann Borja - GWA; Kathy Beleno
Subject: Re: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project

Yes from me. Judi guthertz

PLEASE UPDATE YOUR ADDRESS BOOK AS I HAVE CHANGED MY EMAIL ADDRESS TO: judithguthertz@gmail.com *

On Feb 14, 2017, at 5:00 PM, Simon Sanchez <gdcmgr@guamdrycleaners.com> wrote:

> I vote yes....good use of EPA $
>
> ---
>
> **From:** Bernadette Lou Sablan [mailto:l.sablan@gpagwa.com]
> **Sent:** Tuesday, February 14, 2017 4:30 PM
> **To:** CCU Board Members
> **Cc:** Miguel C Bordallo (mcbordallo@guamwaterworks.org); thomas@guamwaterworks.org; Kelly Clark; Ann Borja - GWA; Kathy Beleno
> **Subject:** URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
> **Importance:** High
>
> Dear Commissioners,
>
> This is a POLL VOTE MATTER.
>
> The email string below gives background as to urgency and chain of request. Kindly submit your votes by return email ASAP. If passed, this resolution will be formally ratified at the CCU meeting on Feb. 21.
>
> Thank you,
> Lou
>
> ---
>
> **From:** Kathy Beleno [mailto:kathyb@guamwaterworks.org]
> **Sent:** Tuesday, February 14, 2017 3:27 PM
> **To:** Bernadette Lou Sablan
> **Cc:** 'Thomas Cruz'; koclark@guamwaterworks.org; Ann Borja - GWA; 'Miguel C Bordallo'
> **Subject:** RE: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
> **Importance:** High
>
> Hi Ms. Lou,
> Please see below.
> Thank you,
> Kathy

1

Bernadette Lou Sablan

From: J. George Bamba <georgebamba@hotmail.com>
Sent: Tuesday, February 14, 2017 6:05 PM
To: Bernadette Lou Sablan
Cc: CCU Board Members; Miguel C Bordallo (mcbordallo@guamwaterworks.org); thomas@guamwaterworks.org; Kelly Clark; Ann Borja - GWA; Kathy Beleno
Subject: Re: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project

Hi Lou,
My vote is yes.
Blessings,
George

Sent from my iPhone

On Feb 14, 2017, at 4:30 PM, Bernadette Lou Sablan <l.sablan@gpagwa.com> wrote:

> Dear Commissioners,
>
> This is a POLL VOTE MATTER.
>
> The email string below gives background as to urgency and chain of request. Kindly submit your votes by return email ASAP. If passed, this resolution will be formally ratified at the CCU meeting on Feb. 21.
>
> Thank you,
> Lou

From: Kathy Beleno [mailto:kathyb@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 3:27 PM
To: Bernadette Lou Sablan
Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; Ann Borja - GWA; 'Miguel C Bordallo'
Subject: RE: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Importance: High

Hi Ms. Lou,
Please see below.
Thank you,
Kathy

From: Miguel C Bordallo [mailto:mcbordallo@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 3:12 PM
To: 'Ann Borja'
Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; kathyb@guamwaterworks.org
Subject: RE: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project

1

Bernadette Lou Sablan

From: Joseph Duenas <jtduenas@hotmail.com>
Sent: Wednesday, February 15, 2017 8:06 AM
To: Bernadette Lou Sablan
Cc: CCU Board Members; Miguel C Bordallo (mcbordallo@guamwaterworks.org); thomas@guamwaterworks.org; Kelly Clark; Ann Borja - GWA; Kathy Beleno
Subject: Re: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Attachments: image001.jpg

Lou,

I vote yes.

Joey

Sent from my iPad

> On Feb 14, 2017, at 4:33 PM, Bernadette Lou Sablan <l.sablan@gpagwa.com> wrote:
>
> to

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Bernadette Lou Sablan

From: Simon Sanchez <gdcmgr@guamdrycleaners.com>
Sent: Tuesday, February 14, 2017 5:01 PM
To: Bernadette Lou Sablan; CCU Board Members
Cc: 'Miguel C Bordallo'; thomas@guamwaterworks.org; 'Kelly Clark'; Ann Borja - GWA; Kathy Beleno
Subject: RE: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project

I vote yes....good use of EPA $

From: Bernadette Lou Sablan [mailto:l.sablan@gpagwa.com]
Sent: Tuesday, February 14, 2017 4:30 PM
To: CCU Board Members
Cc: Miguel C Bordallo (mcbordallo@guamwaterworks.org); thomas@guamwaterworks.org; Kelly Clark; Ann Borja - GWA; Kathy Beleno
Subject: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
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Thank you,
Lou

From: Kathy Beleno [mailto:kathyb@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 3:27 PM
To: Bernadette Lou Sablan
Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; Ann Borja - GWA; 'Miguel C Bordallo'
Subject: RE: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Importance: High

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Kathy

From: Miguel C Bordallo [mailto:mcbordallo@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 3:12 PM
To: 'Ann Borja'
Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; kathyb@guamwaterworks.org

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From: Bernadette Lou Sablan
Sent: Tuesday, February 14, 2017 4:30 PM
To: CCU Board Members
Cc: Miguel C Bordallo (mcbordallo@guamwaterworks.org); thomas@guamwaterworks.org; Kelly Clark; Ann Borja (annborja@guamwaterworks.org); Kathy Beleno (kathyb@guamwaterworks.org)
Subject: URGENT: POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Attachments: Res. 18-FY2017 Justification Summary Sheet.doc; Res. 18-FY2017 Rel to Approval of Rt. 1 Sewer Rehab and Asan Sewer Break....doc; Res. 18-FY2017 Ex. A-Bids Abstract.pdf; Res. 18-FY2017 Ex. B-Rejection Letter No. 1.pdf; Res. 18-FY2017 Ex. C-Ntc. of Dec. re PBC Protest (Proj. No. S15-002-EPA)....pdf; Res. 18-FY2017 Ex. D-Evaluation letter.pdf; Res. 18-FY2017 Ex. E-Contractor Bid Proposal.pdf
Importance: High

Dear Commissioners,

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From: Kathy Beleno [mailto:kathyb@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 3:27 PM
To: Bernadette Lou Sablan
Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; Ann Borja - GWA; 'Miguel C Bordallo'
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Importance: High

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Kathy

From: Miguel C Bordallo [mailto:mcbordallo@guamwaterworks.org]
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Cc: 'Thomas Cruz'; koclark@guamwaterworks.org; kathyb@guamwaterworks.org
Subject: RE: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project

I am okay with sending out poll vote request. Please handle this ASAP.

MCB

From: Ann Borja [mailto:annborja@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 10:30 AM
To: Miguel Bordallo <mcbordallo@guamwaterworks.org>
Cc: Thomas Cruz <thomas@guamwaterworks.org>; koclark@guamwaterworks.org; kathyb@guamwaterworks.org
Subject: REQUEST TO POLL VOTE - Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Importance: High

Miguel,

Further to this Resolution, Tom is requesting if we could have this "poll voted" when this package is deemed acceptable and if it can obtain an email "poll vote" from the CCU members given the critical need to conduct the repairs immediately and the timing of the CCU work session and official meeting in February. Per Tom, if you feel we can wait for the work session on February 15th then that is fine as well. His hope is that we can get the NTP issued to the contractor ASAP.

GUAM WATERWORKS AUTHORITY

Sincerely,

Ann Dueñas Borja, CPM
Management Analyst IV, Assistant to
Miguel C. Bordallo, P.E., General Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913
Telephone No.: (671) 300-6847 (Direct) or 300-6846
E-mail address: annborja@guamwaterworks.org

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From: Ann Borja [mailto:annborja@guamwaterworks.org]
Sent: Tuesday, February 14, 2017 8:37 AM
To: Miguel Bordallo (mcbordallo@guamwaterworks.org)
Cc: Thomas Cruz; koclark@guamwaterworks.org; kathyb@guamwaterworks.org
Subject: Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project
Importance: High

Miguel,

Attached for your review, suggested changes, etc., are the "cleaned-up" versions of Res. No. 18-FY2017 Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation and Asan Sewer Break Repair Construction Project. If no changes, please approve so I can forward to Lou Sablan to load onto boardbooks.

GUAM WATERWORKS AUTHORITY

Sincerely,

Ann Dueñas Borja, CPM
Management Analyst IV, Assistant to
Miguel C. Bordallo, P.E., General Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913
Telephone No.: (671) 300-6847 (Direct) or 300-6846
E-mail address: annborja@guamwaterworks.org

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GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution No. 18-FY2017
Relative to Approval of the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation Asan Sewer Break Repair Construction Contract with Pacific Rim Constructors, Inc.

What is the project's objective and is it necessary and urgent?
The objective of this project is to rehabilitate, repair or replace deteriorating gravity sewer lines in Asan where collapses have been identified or are suspected. Approximately 88 linear feet of 18-inch diameter gravity sewer line near Harley-Davidson has collapsed and needs to be replaced. A potential collapse has occurred across the Asan "War in the Pacific" National Historical Park which also requires attention. This project will assist GWA in addressing these issues and any other potential collapses that may arise within the project area of Route 1, from the Asan "War in the Pacific" National Historic Park to the Agana Main Pump Station.

Where is the project located?
This project is located in the villages of Asan and Hagatna, along Route 1, from the Asan "War in the Pacific" National Historic Park to the Agana Main Pump Station. Construction activities will be limited to the government easements of the sewer infrastructure elements.

How much will it cost?
The construction services contract was proposed by Pacific Rim Constructors for a total of Seven Hundred Fifty-Seven Thousand Three Hundred Two Dollars ($757,302.00) for the base bid, and One Million Seven Hundred Thirteen Thousand Three Hundred Fifty-Six Dollars ($1,713,356.00) for the additive bid, for a total basis of award amount of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00). This contract amount, which is primarily based on unit pricing, includes the furnishing of all labor, tools, equipment and materials, and agency coordination needed to complete the sewer infrastructure rehabilitation in the aforementioned locations.

GWA management is seeking a total authorized funding amount to a maximum of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00).

When will it be completed?
The construction contract length of this project is 180 calendar days after an NTP is issued to the contractor. Estimated September 2017.

What is the funding source?
The funding for this project will be from USEPA Grant Funds.

The RFP/BID responses (if applicable):
GWA received four (4) proposal responses for IFB 01-ENG-17.

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 18-FY2017

RELATIVE TO APPROVAL OF THE ROUTE 1 (ASAN-ADELUP-HAGATNA) SEWER REHABILITATION ASAN SEWER BREAK REPAIR CONTRACT WITH PACIFIC RIM CONSTRUCTORS, INC. PROJECT S15-002-EPA

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 received a grant from USEPA under the State Revolving Fund program to improve the sewer collection system, which included gravity sewer line along Route 1, from the Asan "War in the Pacific" National Historical Park to the Agana Main Pump Station; and

WHEREAS, the stretch of gravity sewer line indicated is deteriorating and has experienced collapses in a number of locations to include 88 linear feet of existing 18-inch diameter gravity sewer line near Harley-Davidson and 130 linear feet of existing 18-inch diameter gravity sewer line in front of the War in the Pacific Park, and the intent of this project is to rehabilitate, repair or replace these collapsed sections; and

WHEREAS, GWA and USEPA agree that efforts to rehabilitate, repair or replace these sewer line are necessary to properly maintain and operate the sewer collection system; and

WHEREAS, GWA has advertised the Invitation to Bid (IFB-01-ENG-2017) soliciting bid proposals from experienced and responsive bidders to repair and/or replace segments of gravity sewer lines for the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation Asan Sewer Break Repair Project; and

WHEREAS, this phase of work consists of furnishing all labor, tools, equipment and materials, as well as coordination efforts with GWA, DPW, etc., that are necessary; and

WHEREAS, Invitation for Bid (IFB) packages were obtained by multiple interested parties, from which GWA received bid proposals from four (4) parties (see EXHIBIT A – Abstract of Bids) before the bid proposal deadline; and

WHEREAS, GWA reviewed the bid package from the apparent lowest bid, Propacific Builder Corporation, and subsequently determined the bid submitted by Propacific Builder Corporation was non-responsive after which GWA transmitted a disqualification letter dated December 29, 2016 (See EXHIBIT B); and

WHEREAS, GWA entertained a meeting request from Propacific Builder Corporation as a result of the disqualification letter to explain their bid proposal but which further clarified to GWA that Propacific Builder Corporation did not follow the instruction of the bid process which was why GWA believed their bid price was substantially lower than all other bidders; and

WHEREAS, GWA did receive a protest letter from Propacific Builder Corporation dated January 23, 2017 to the disqualification letter dated December 29, 2016 which GWA then issued a "Notice of Decision" letter dated January 24, 2017 (See Exhibit C) stating essentially that any protest to GWA regarding the bid should have been received by January 13, 2017 and as such GWA will not stay the procurement proceedings; and

WHEREAS, GWA obtained assistance from the Design Engineer of Record (EOR) to review/evaluate the next lowest bid proposal received (see EXHIBIT D – Evaluation) and determined that Pacific Rim Constructors, Inc. ("PRC") submitted a responsive and responsible bid and met all the bid requirements set forth by GWA; and

WHEREAS, the basis of award for this project consists of the base bid to rehabilitate and replace the 88 linear feet of collapse gravity sewer line near Harley-Davidson, and the additive bid to rehabilitate, repair or replace other sections within the project boundary where a collapse or suspected collapse has occurred; and

WHEREAS, GWA Management seeks approval of PRC's bid proposal (See Exhibit E) in the amount of Seven Hundred Fifty-Seven Thousand Three Hundred Two Dollars ($757,302.00) for the base bid, and One Million Seven Hundred Thirteen Thousand Three Hundred Fifty-Six Dollars ($1,713,356.00) for the additive bid, for a total basis of award amount of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00); and

WHEREAS, funding for this project will be from USEPA Grant Funds; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds that the terms of the fee proposal submitted by PRC are fair and reasonable.
3. The CCU finds that the terms of the conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
4. The CCU hereby authorizes the management of GWA to enter into a contract with PRC in the amount of Seven Hundred Fifty-Seven Thousand Three Hundred Two Dollars ($757,302.00) for the base bid, and One Million Seven Hundred Thirteen Thousand Three Hundred Fifty-Six Dollars ($1,713,356.00) for the additive bid (Exhibit E).
5. The CCU hereby further approves the total authorized funding amount for the basis of award for this project to a maximum of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00).

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

//

//

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by: Attested by:

_____ _____

JOSEPH T. DUENAS **J. GEORGE BAMBA**
Chairperson Secretary

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

ORIGINAL

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

Project Name: **ROUTE 1 SANITARY SEWER REHABILITATION AND REPLACEMENT (ASAN-ADELUP-HAGATNA)**
ASAN SEWER BREAK REPAIR
Project Number: **S15-002-EPA; IFB-01-ENG-2017**

Bid Opening Date: December 16, 2016
Bid Opening Time: 3:00 pm

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										BASE BID	ADDITIVE BID	BASE BID + ADDITIVE BID
			Bidder Qualification Form	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Shareholders Affidavit	Special Instructions to Bidders	Addendum 1	Addendum 2			
1.	PERNIX	–													–
2.	RELIABLE BUILDERS, INC.	–													–
3.	REX INTERNATIONAL INC.	Dongbu Insurance Company, LTD 15% of total Bid Amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$866,000	$1,846,000	$2,712,000.00
4.	GIANT CONSTRUCTION CORP.	Dongbu Insurance Company, LTD 16% of total Bid amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$728,780	$1,880,400	$2,609,180.00
5.	PROPACIFIC BUILDER CORP.	Endurance Reinsurance Corporation of American, 15% of total Bid Amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$252,390	$702,600	$954,990.00
6.	PACIFIC RIM CONSTRUCTORS, INC.	Ironshore Indemnity Inc. 15% of Bid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$757,302	$1,713,356	$2,470,658.00
7.	CHI CONSTRUCTION INC.	–													–
	GWA Estimate												$421,543	$1,480,717	$1,902,260.00

Bids Opened and Read by: GLORIA BENSAN (Name and Signature)

Tabulated By: George Waban (Name and Signature)

GWA Procurement Representative: Victoria Heacock (Name and Signature)

Witnesses:

CCU February 21, 2017 Regular Meeting - NEW BUSINESS

80
Doc. No. 34GL-17-0811.*

Exhibit A (1 of 1)

GUAM WATERWORKS AUTHORITY
Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
P.O. Box 3010, Hagatna, Guam 96932
Tel. No. (671) 300-6846

December 29, 2016

Jean Yeon Yu
President
Propacific Builder Corporation
750 Route 8
Suite 202, Hanam Plaza
Barrigada, Guam 96913

Re: Route 1 Sanitary Sewer Rehabilitation and Replacement (Asan-Adelup-Hagatna)
Asan Sewer Break Repair
GWA Project No. S15-002-EPA

Hafa Adai Ms. Yu,

We regret to inform you that your bid proposal for the above referenced project has been deemed to be non-responsive pursuant to Section 1, subsections 1-21, 1-22, and 1-23 of the bid as well as 5 G.C.A. § 5201(g) and (h), 2 GAR 3109(n)(2) and 2 G.A.R. § 3115(e) and non-responsible under 2 GAR § 3116, as well as other provisions of the Guam Procurement Code not listed herein. Thus, your bid is hereby rejected and will not be considered for award. The Guam Waterworks Authority (GWA) decision was based on the following factor:

1. Unrealistically Low Price.

After in-depth analysis, GWA determined that your bid was not responsive in accordance with Section 1 - Bid Submission Requirements, Paragraph 1-21. Disqualification of Bidders items (b) and (c). Propacific Builder Corporation's (Propacific) proposal for this solicitation was $252,390 for Base Bid and $702,600 for Additive Bid for a total combined bid amount of $954,990.00 which was used to evaluate the basis for award. Both the Base and Additive bids submitted by Propacific are unusually and unreasonably low at 50.2 % of GWA's total estimate of $1,902,260.

Therefore, because the bid submitted by Propacific for this procurement is non-responsive, GWA will not award the project to Propacific. It is in the best interest of the Guam Waterworks Authority to the lowest responsive and responsible bidder. Should you have any questions

pertaining to this rejection, please submit them in writing to the person stated in the bid documents within three days (3) after receipt of this letter.

Please keep in mind that this determination will not affect the ability of Propacific to submit bids on future Guam Waterworks Authority projects.

Sincerely,

MIGUEL C. BORDALLO, P.E.
General Manager

cc: GWA Legal Counsel

MCB;gb TFC

Exhibit C (1 of 1)

COPY

GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives."
Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
P.O. Box 3010, Hagatna, Guam 96932
Tel. No. (671) 300-6846/48 Fax No. (671) 648-3290

January 24, 2017

VIA HAND DELIVERY

Mr. Jean Yeon Yu
President
Propacific Builder Corporation
P.O. Box 7446
Tamuning, GU 96931

NOTICE OF DECISION

Re: GWA's Decision regarding Propacific Builder Corp.'s January 23, 2017 Protest of Rejection of Bid; GWA Project No. S15-002-EPA Route 1 Sanitary Sewer Rehabilitation and Replacement (Asan-Adelup-Hagatna) Asan Sewer Break Repair

Dear Mr. Yu:

Pursuant to 5 G.C.A. § 5425(a) the right of Propacific Builder Corporation ("PBC") to protest GWA's decision to reject PBC's bid on the aforementioned project has expired. It is GWA's position that the 14-day statutory period to file PBC's protest remained open until January 13, 2017. The protest is also denied on the grounds that PBC's bid was non-responsive as set forth in the 12/29/16 letter from GWA.

Due to the PBC protest being untimely, GWA will not stay the procurement proceedings.

PBC has the right to seek administrative and judicial review.

Sincerely,

Miguel C. Bordallo, P.E.
General Manager

MCB/koc

RECEIVED
1/24/17
2:56 pm.

Exhibit D (1 of 5)

February 9, 2017

Mr. Thomas F. Cruz, PE
Chief Engineer
The Guam Waterworks Authority
Engineering Division
Gloria B. Nelson Public Service Building
688 Rt. 15
Mangilao, Guam 96913

SUBJECT: Route 1 Sewer Line Rehabilitation and Replacement (Asan-Adelup-Hagatna,), Asan Sewer Break Repair, GWA Project No. S15-002-EPA – Clarification of Bid Award and Bid Tabs

Dear Mr. Cruz,

HDR provided a letter dated December 30, 2016 for the Asan Sewer Break Repair project outlining the results of the bid submissions, the various erroneous items that were found in the bids submitted and we provided a recommendation for award based upon this evaluation. Additionally, it was noted in this letter that there was an error made on the bid schedule for line item 40, where no quantity was provided on the bid schedule, therefore a clarification was provided as to what HDR did when the comparison was made on all of the bidders bid schedules. This information was provided to GWA in both that letter, as well as the bid tab calculations.

Now that GWA intends to award the base bid + additive items (Basis of Award) to Pacific Rim Constructors, Inc., this letter is acting to serve as clarification to the total bid award amount for Pacific Rim Constructors, Inc.

Since HDR used a quantity of "0" to compare all bidders for Item 40 and as explained in our December 30, 2016 letter, we would like to provide clarification that the total bid amounts as described and tabulated in this HDR letter, is less that the amount that was tabulated by Pacific Rim Constructors, Inc. for their bid and as read during the bid opening. Pacific Rim Constructors, Inc. assumed a quantity of "1" in their bid schedule submission, therefore their total bid amount as tabulated and read at the bid opening is shown below in the table:

	Base Bid	Additive Bid	Base Bid + Additive Bid Total
Pacific Rim Constructors, Inc.	**$757,302.00**	**$1,713,356.00**	**$2,470,658.00**

hdrinc.com

134 W. Soledad Ave., Suite 404, Hagatna, GU 96910
T 671.989.5558 **F** 671.989.5557

Exhibit D (2 of 5)

If you should have further questions, please feel free to call me at 989-5558.

Sincerely,

HDR Engineering, Inc.



Nick Manley
Project Manager

Exhibit D (3 of 5)

December 30, 2016

Mr. Thomas F. Cruz, PE
Chief Engineer
The Guam Waterworks Authority
Engineering Division
Gloria B. Nelson Public Service Building
688 Rt. 15
Mangilao, Guam 96913

SUBJECT: Route 1 Sewer Line Rehabilitation and Replacement (Asan-Adelup-Hagatna,), Recommendation of Bid Award, GWA Project No. S15-002-EPA

Dear Mr. Cruz,

HDR has reviewed the four (4) bid submissions submitted for the Asan Sewer Break Repair from the following construction contractors:

1. ProPacific Builder Corporation
2. Pacific Rim Constructors, Inc.
3. Giant Construction Corporation
4. Rex International, Inc.

All bid submissions included all of the required bidding forms to be submitted as part of the bid package as described on the procurement checklist that was included with the solicitation. However there were two items noted for further review:

1. Pacific Rim Constructors did not include a financial statement in the bid, but stated it could be provided as needed.
2. ProPacific Builder Corporation and Rex International, Inc. have not determined who their required Disadvantaged Business Enterprise (DBE) subconsultants are going to be and the amount of contract value that will be going to them to determine that they meet the percentages that GWA has determined and as listed in the solicitation.

Prior to the bid opening and during the course of providing an updated engineer's cost estimate, it was noticed that a quantity was missing for line item 40 on the proposal bid schedule. HDR notified Gloria Bensan of this mistake; however it was too late to issue an addendum in time to the contractors. I only mention this, because in the course of review of the bid proposal schedules, there were some contractors that assumed a quantity of zero (0) and others that used a quantity of one (1). For those that

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Exhibit D (4 of 5)

used a quantity of one (1), that line item cost value was removed from their bids and is reflective on the attached bid tabulation and shown below in the table of revised.

Additionally, the following cost deficiencies were found in the bid proposals:

As submitted by Pacific Rim Constructors, Inc.:

1. There were some minor calculation errors in what the unit cost price times the quantities resulted in for a total cost as compared to what was placed on the bid schedule. This resulted in amounts that were $1.00 or less per line item. The unit cost would still be the same in all of these cases; therefore the unit costs were multiplied by the quantity to get the total cost as shown on the bid tab. There were some significant cost deficiencies as described below.
2. Proposal Bid Schedule Line Item 2, the unit cost is shown to be $3,493.76/LF for a quantity of 134 LF and a total cost of $468,163.84, which the bid schedule shows $381,970 for a difference of $86,193.84. The unit cost value was held as correct, resulting in the revised total cost of $468,163.84 to be used as shown in the bid tab.
3. Proposal Bid Schedule Line Item 11, the unit cost is shown to be $189.43/LF for a quantity of 134 LF and a total cost of $25,383.62, which the bid schedule shows $26,454 for a difference of $1,070.38. The unit cost value of $25,383.62 was held as correct, resulting in the revised total cost of $25,383.62 to be used in the bid tab.
4. Proposal Bid Schedule Line Item 13, the unit cost is shown to be $569.67/SY for a quantity of 82 SY and a total cost of $46,712.94, which the bid schedule shows $52,417 for a difference of $5,704.06. The unit cost value was held as correct, resulting in the revised total cost of $46,712.94 to be used in the bid tab.
5. Proposal Bid Schedule Line Item 18, the unit cost is shown to be $106.27/LF for a quantity of 134 LF and a total cost of $14,240.18, which the bid schedule shows $16,446 for a difference of $2,205.82. The unit cost value was held as correct, resulting in the revised total cost of $14,240.18 to be used in the bid tab.
6. Proposal Bid Schedule Line Item 23, the unit cost is shown to be $59.30/LF for a quantity of 134 LF and a total cost of $7,946.20, which the bid schedule shows $8,858 for a difference of $911.80. The unit cost value was held as correct, resulting in the revised total cost of $7,946.20 to be used in the bid tab.

As submitted by Giant Construction Corporation:

1. Proposal Bid Schedule Line Item 18, the unit cost is shown to be $180.00/LF for a quantity of 88 LF and a total cost of $15,840, which the bid schedule shows $54,840 for a difference of $39,000. The unit cost value was held, resulting in the revised total cost of $15,840 to be used in the bid tab.
2. Proposal Bid Schedule Line Item 37, the unit cost is shown to be $300.00/LF for a quantity of 222 LF and a total cost of $66,600, which the bid schedule shows $66,000 for a difference of $600. The unit cost value was held, resulting in the revised total cost of $66,600 to be used in the bid tab.

Exhibit D (5 of 5)

With the removal of Line Item 40 altogether out of everyone's bids, the revised bid summary is the following:

	ProPacific	Pacific Rim	Giant Const. Corp.	Rex International, Inc.
Base Bid	$252,390.00	$757,302.00	$689,780.00	$866,000.00
Base Bid + Additive Bids (Basis of Award)	**$954,990.00**	**$2,462,089.40**	**$2,566,680.00**	**$2,712,000.00**
Base Bid + Alternative Bid #1	556,690.00	1,525,845.18	1,080,080.00	1,024,800.00
Base Bid + Alternative Bid #2	576,210.00	1,525,896.21	1,336,100.00	1,407,000.00

Despite the cost discrepancies with both Pacific Rim Constructors and Giant Construction Corporation on their respective bid tabs, the Basis of Award total as seen above, still ranks the bidders in the same order as during the bid opening.

The basis of award was the base bid plus the additive bids, which results in the lowest bidder to be ProPacific Builder Corporation. The bid amount was significantly lower than the engineer's estimate and also significantly lower than all of the other bidder's bids. The unit cost for steel sheet piling at $5/SF stands out as a very low cost for this work to be performed. Under Section A, Paragraph 1-21, GWA reserves the right to disqualify a bidder for an unusually low bid and it is recommended that GWA consider that option with ProPacific Builder Corporation and their bid.

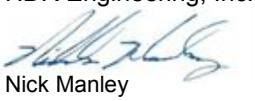
If ProPacific Builder Corporation is disqualified, it is recommended that GWA proceed ahead with awarding the Base Bid+Additive Bids to the next lowest bidder, Pacific Rim Constructors, Inc. GWA will need to get resolved the discrepancies in the proposal bid schedule of Pacific Rim Constructors as noted in this letter.

It is not recommended that Base Bid+Alternative #1 or Base Bid+Alternative #2 be awarded. It is recommended that the scope of work making up Alternative #1, be placed back into the overall Route 1 Sewer Rehabilitation and Replacement project to be included with the Cured in Place Pipe (CIPP) that is proposed to be completed under that contract.

If you should have further questions, please feel free to call me.

Sincerely,

HDR Engineering, Inc.



Nick Manley
Project Manager

3

Exhibit E (1 of 6)

From: George Watson
To: Thomas Cruz
Subject: FW: Asan Sewer Line Project
Date: Thursday, February 09, 2017 10:16:56 AM
Attachments: 1875_001.pdf
ATT00001.htm

From: Keith Stewart [mailto:kstewart@pacificrimco.net]
Sent: Friday, January 20, 2017 2:28 PM
To: Gloria Bensan <gpbensan@guamwaterworks.org>
Cc: George Watson <gwatson@BrwnCald.com>; Narcisa Dimaoala <ndimaoala@pacificrimco.net>
Subject: Asan Sewer Line Project

Hi Gloria,

Please accept this email as Pacific Rim Constructors, Inc. confirmation that we are in agreement with the Base Bid and Additive Bid Item totals in our proposal ($757,302 and $1,713,356, respectfully) for a total amount of $2,470,658.00.

Attached is the Proposal Bid Schedule Breakdown as requested.

Please let me know if you have any questions. We look forward to working with the GWA team on this project.

Thank you.

Keith

Keith Stewart, LEED AP, President
Pacific Rim Group of Companies
P.O. Box 11049, Tamuning, GU 96931
kstewart@pacificrimco.net
c: 671-988-9960
o: 671-989-9960

Proposal Bid Schedule
(Revision 1)

Base Bid Description of Work:
Replace approximatley 88 linear feet of existing 18-inch diameter asbestos cement pipe (ACP) gravity sewer line with new 18-inch diameter polyvinyl chloride (PVC) sewer line. Remove and dispose of approximately 88 linear feet of 18-inch diameter ACP. Clean approximately 222 linear feet of existing 18-inch diameter gravity sewer line. Provide temporary bypassing and traffic control as necessary to facilitate the replacement work.

Additive Bid Item:
The additive bid items are work items that can be used at the discretion of GWA, either individually or in any combination and in any quantity amount up to those listed for each individual bid item to assist GWA with other repairs along the Route 1 sewer main. Each individual additive bid item shall include mobilization and demobilization within the individual bid item's unit price.

Alternate Bid #1 Description of Work:
Rehabilitate approximately 222 linear feet of 18-inch diameter sewer line with cured-in-place pipe (CIPP) liner. Reinstate sewer laterals after CIPP rehabilitation is complete. Provide additional temporary bypassing and traffic control as necessary to facilitate the rehabilitation work.

Alternate Bid #2 Description of Work:
Replace approximately 134 linear feet of additional existing 18-inch diameter asbestos cement pipe (ACP) gravity sewer line with new 18-inch diameter polyvinyl chloride (PVC) sewer line. Remove and dispose of approximately 134 linear feet of 18-inch diameter ACP. Reconnect sewer laterals after new pipe installation is complete. Provide additional temporary bypassing and traffic control as necessary to facilitate the replacement work.

				Basis of Award							
				Base Bid		Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization)		Alternative Bid #1		Alternative Bid #2	
Item No.	Description	Unit	Unit Price	Qty	Bid Amount	Qty	Bid Amount	Qty	Bid Amount	Qty	Bid Amount
1	Mobilization and Demobilization	Lump Sum	$ 75,730.20	1	$ 75,730.20						
2	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (Base Bid & Alternative Bid #2)	Lin. Ft.	$ 3,493.76	88	$ 307,450.88					134	$ 468,163.84
3	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (0'-10' Depth)(Additive Bid Item)	Lin. Ft.	$ 2,821.77			160	$ 451,483.20				
4	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (10'-20' Depth)(Additive Bid Item)	Lin. Ft.	$ 2,764.76			260	$ 718,837.60				
5	Steel Sheet Piling, including full installation and removal. (Additive Bid Item)	S.F.	$ 38.50			6000	$ 231,000.00				
6	Dewatering and dewatering effluent disposal (Base Bid)	Lump Sum	$ 49,014.00	1	$ 49,014.00						
7	Dewatering and dewatering effluent disposal (Alternative Bid #2)	Lump Sum	$ 54,460.00							1	$ 54,460.00
8	Removal and disposal of existing 12-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 145.78			40	$ 5,831.20				
9	Removal and disposal of existing 14-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 121.31			120	$ 14,557.20				

CCU February 21, 2017 Regular Meeting - NEW BUSINESS
Exhibit E (2 of 6)
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Doc. No. 34GL-17-0811.*

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
10	Removal and disposal of existing 16-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 120.25			220	$ 26,455.00				
11	Removal and disposal of existing 18-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Base Bid and Alternative Bid #2)	Lin. Ft.	$ 189.43	88	$ 16,669.84					134	$ 25,383.62
12	Removal and disposal of existing 18-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 205.28			40	$ 8,211.20				
13	A.C. Pavement Resurfacing, including pavement transitions, prime coat, tack coat, traffic striping, miscellaneous restoration, and all necessary labor, materials and equipment, in place complete. (Base Bid & Alternative #2)	Sq. Yds.	$ 569.67	54	$ 30,762.18					82	$ 46,712.94
14	A.C. Pavement Resurfacing, including pavement transitions, prime coat, tack coat, traffic striping, miscellaneous restoration, and all necessary labor, materials and equipment, in place complete. (Additive Bid)	Sq. Yds.	$ 538.11			300	$ 161,433.00				
15	Pipe Repair; install new 12" PVC pipe (AWWA C-900, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (0'-10' Depth) (Additive Bid)	Lin. Ft.	$ 105.33			40	$ 4,213.20				
16	Pipe Repair; install new 14" PVC pipe (AWWA C-905, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (0'-10' Depth) (Additive Bid)	Lin. Ft.	$ 132.01			120	$ 15,841.20				
17	Pipe Repair; install new 16" PVC pipe (AWWA C-905, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (10'-20' Depth) (Additive Bid)	Lin. Ft.	$ 149.54			220	$ 32,898.80				
18	Pipe Repair; install new 18" PVC pipe (AWWA C-905, DR 18) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (Base Bid & Alternative #2)	Lin. Ft.	$ 106.27	88	$ 9,351.76					134	$ 14,240.18
19	Pipe Repair; install new 18" PVC pipe (AWWA C-905, DR 18) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (10'-20' Depth) (Additive Bid)	Lin. Ft.	$ 154.23			40	$ 6,169.20				
20	Crushed rock bedding including compaction and woven geotextile fabric for 12-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 68.80			40	$ 2,752.00				
21	Crushed rock bedding including compaction and woven geotextile fabric for 14-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 65.62			120	$ 7,874.40				
22	Crushed rock bedding including compaction and woven geotextile fabric for 16-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 65.81			220	$ 14,478.20				
23	Crushed rock bedding including compaction and woven geotextile fabric for 18-inch PVC sewer pipe, in place complete. (Base Bid & Alternative Bid #2)	Lin. Ft.	$ 59.30	88	$ 5,218.40					134	$ 7,946.20

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Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
24	Crushed rock bedding including compaction and woven geotextile fabric for 18-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 68.80			40	$ 2,752.00				
25	Sewer Line Cleaning of existing 18-inch Asbestos Cement Pipe (ACP) and 18-inch Polyvinyl Chloride (PVC) Pipe sewer lines, including removal and disposal of debris, and other items as necessary to complete the inspection and rehabilitation work.	Lin. Ft.	$ 267.89	222	$ 59,471.58					-222	$ (59,471.58)
26	Pre-Construction Survey of site conditions, including survey report, photo survey, and video survey.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
27	Pre-Construction Settlement Point Report, including monitoring plan, establishing all project settlement points and taking initial survey readings.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
28	Post-Construction Survey of site conditions, including survey report, photo survey, and video survey.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
29	Final Settlement Report, including taking reading during construction activities and taking final survey readings of all settlement points.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
30	Sewer Flow Control for Base Bid, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 101,426.40	1	$ 101,426.40						

Exhibit E (4 of 6)

CCU February 21, 2017 Regular Meeting - NEW BUSINESS

Doc. No. 34GL-17-0811.*

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
31	Sewer Flow Control for Alternative Bid #1, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 112,696.00					1	$ 112,696.00		
32	Sewer Flow Control for Alternative Bid #2, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 112,696.00							1	$ 112,696.00
33	Traffic Control Work for Base Bid, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	$ 74,749.56	1	$ 74,749.56						
34	Traffic Control Work for Alternative Bid #1, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	$ 76,787.00					1	$ 76,787.00		
35	Traffic Control Work for Alternative Bid #2, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals.	Lump Sum	$ 83,056.00							1	$ 83,056.00
36	Closed-Circuit Television (CCTV) inspections for pre- and post-rehabilitation of existing 18" sewer line, including reports, documentation, and other items as necessary to complete the work.	Lin. Ft.	$ 51.12					444	$ 22,697.28		
37	Installation of cured-in-place pipe (CIPP) lining in existing 18-inch sewer line, including wet out, preparation, Pre-CIPP cleaning, testing of installed liner, sealing at manholes, reconstructing manhole transition sections and benches, and other items as necessary to complete the work.	Lin. Ft.	$ 1,824.45					222	$ 405,027.90		
38	Reinstatement of existing sewer laterals upon completion of CIPP lining installation, including all incidentals, in place complete.	Ea.	$ 50,445.00					3	$ 151,335.00		

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Doc. No. 34GL-17-0811.*

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
39	Reconnection of existing sewer laterals upon completion of new pipe installation, including all incidentals, in place complete. (Alternative Bid #2)	Ea.	$ 5,135.67							3	$ 15,407.01
40	Reconnection of existing sewer laterals upon completion of new pipe installation, including all incidentals, in place complete. (Additive Bid)	Ea.	$ 8,568.60				$ 8,568.60				
TOTAL Items 1 through 47, inclusive					$ 757,302.00		$ 1,713,356.00		$ 768,543.18		$ 768,594.21

BASE BID = $ 757,302.00

BASE BID + ADDITIVE BID (BASIS OF AWARD) = $ 2,470,658.00

BASE BID + ALTERNATIVE BID #1 = $ 1,525,845.18

BASE BID + ALTERNATIVE BID #2 = $ 1,525,896.21

CCU February 21, 2017 Regular Meeting - NEW BUSINESS
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GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution 19-FY2017
Relative to Approval of the Construction Contract for the Critical Wastewater Pump Station Repairs – High Water Alarms Project (S16-002-EPA)

What is the project's objective and is it necessary and urgent?
The objective of this project is to improve operations functionality at certain sewer pump stations that are currently being monitored on a rotating basis by GWA personnel inspecting each site through the implementation of an alarm system that would reduce GWA's response time, operation and maintenance cost, and potential environmental impact.

Where is the project located?
The sewer pump stations included in this project are: Southern Link, Yigo, Harmon, Ypao, Agana Main, Mamajanao, Barrigada, Dairy Road, Mangilao, Tai Mangilao, Pago Double, New Chaot, Asan, Piti, #13, #16, #17, Inarajan Lift and Inarajan Main.

How much will it cost?
The lowest responsible and responsive bid received was from Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00). GWA management seeks however a ten percent (10%) contingency in the amount of One Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents ($144,488.80), bringing the total authorized funding amount to a maximum of One Million Five Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents ($1,589,376.80).

When will it be completed?
Completion expected to be September 2017.

What is the funding source?
Funding for this project will be from USEPA SRF Grant Funds and, if necessary, GWA 2013 and 2016 Bond Funds applicable to the project.

The RFP/BID responses (if applicable):
IFB packages were obtained by three (3) interested parties, among which GWA received bid proposals from two (2) parties before the bid proposal deadline.

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 19 – FY2017

RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE CRITICAL WASTEWATER PUMP STATION REPAIRS – HIGH WATER ALARMS PROJECT (S16-002-EPA)

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 is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA has received a grant from the United States Environmental Protection Agency ("USEPA") under the State Revolving Fund ("SRF") program to install high water level alarm systems at 19 wastewater pump stations; and

WHEREAS, these pump stations are currently being monitored on a rotating basis by GWA personnel inspecting each site; and

WHEREAS, the alarm system is intended to trigger if wastewater in the wet well/pit rise above a specified level and notify the operator on duty that an overflow is imminent unless immediate action is taken; and

WHEREAS, having the alarm system would reduce GWA's response time, operation and maintenance cost, and potential environmental impact; and

WHEREAS, GWA has advertised an Invitation for Bid ("IFB") soliciting bid proposals from experience and responsive bidders to provide construction services for the Critical Wastewater Pump Station Repairs – High Water Alarms project; and

WHEREAS, this phase of work consists of furnishing all labor, tools, equipment, and materials necessary for the installation and commission of the high water level alarm system; and

WHEREAS, IFB packages were obtained by three (3) interested parties, among which GWA received bid proposals from two (2) parties before the bid proposal deadline (See EXHIBIT A – Abstract of Bids); and

WHEREAS, GWA's Engineering Consultant and GWA Engineering Division project manager have analyzed the bid proposals received on February 8, 2017 (See EXHIBIT B – Bid Evaluation) and determined that Pacific Rim Constructors, Inc., who submitted the lowest bid, to be the responsive and responsible bidder and has met all the bid requirements set forth by GWA (See EXHIBIT C – Bid Proposal); and

WHEREAS, GWA Management seeks CCU approval of the bid proposal from Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00), plus a 10% contingency in the amount of One Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents ($144,488.80), bringing the total authorized funding amount to a maximum of One Million Five Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents ($1,589,376.80); and

WHEREAS, funding for this project will be from USEPA SRF Grant Funds and, if necessary, GWA 2013 and 2016 Bond Funds applicable to the project; and

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve 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 Pacific Rim Constructors, Inc. are fair and reasonable.
3. The CCU finds that the terms and conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
4. The CCU hereby authorizes the management of GWA to enter into a contract with Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred

Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00) (Exhibit C).

5. The CCU hereby further approves the total funding amount for this project of One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00), plus a 10% contingency of One Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents ($144,488.80) bringing the total authorized funding amount to a maximum of One Million Five Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents ($1,589,376.80).
6. The CCU hereby further approves the funding source will be from USEPA SRF Grant Funds and, if necessary, GWA 2013 and 2015 Bond Funds applicable to the project.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:	Attested by:
_____	_____
JOSEPH T. DUENAS	**J. GEORGE BAMBA**
Chairperson	Secretary

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

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ORIGINAL

Guam Waterworks Authority
ABSTRACT OF BIDS

Project Name: CRITICAL WASTEWATER PUMP STATION REPAIRS - HIGH WATER ALARMS
IFB No. / Project No.: IFB-04-ENG-2017 / 516-002-EPA

Bid Opening Date: February 8, 2017
Bid Opening Time: 3:00 p.m.

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS								BID AMOUNT
			Bidder Qualification Form	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Share holders Affidavit	Special Instructions to Bidders	
1.	PACIFIC RIM CONSTRUCTORS	Travelers Indemnity Company 15% of bid	✓	✓	✓	✓	✓	✓	✓	✓	$1,444,888.00
2.	J& B MODERN TECH	no bid submitted									
3.	G4S SECURITY SYSTEMS	Safeco Insurance of America 15% of amount bid	✓	✓	✓	✓	✓	✓	✓	✓	$1,469,292.80
	GWA Cost Estimate										$1,444,962.00

Tabulated By: Nicole Ballesteros Nicole Ballesteros (Name and Signature)
Gloria Benson (Name and Signature)

GWA Procurement Representative: (Name and Signature) 2-8-17

Witnesses:

Exhibit A (1 of 1)

CCU February 21, 2017 Regular Meeting - NEW BUSINESS

Doc. No. 34GL-17-0811.*

Critical Wastewater Pump Station Repairs - High Water Alarms
GWA Project No. S16-002-EPA

BID EVALUATION

Base Bid Description: The Base Bid generally consists of complete performance of work (materials, labor, and equipments) required for the replacement and upgrades or providing new high level alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID		ENGINEER'S ESTIMATE		G4S SECURITY SYSTEMS			Lowest Bidder PACIFIC RIM CONSTRUCTORS			AVERAGE BID	STANDARD DEVIATION
		Qty.	Unit	Unit Cost	Sub-Total	Unit Cost	Sub-Total	% Difference	Unit Cost	Sub-Total	% Difference	Price	Price
1.0 General Requirements													
1.1	Mobilization/Demobilization	1	LS	$ 157,651.56	$ 157,651.56	$ 148,929.28	$ 148,929.28	-5.5%	$ 144,488.80	$ 144,488.80	-8.3%	$ 146,709.04	$ 3,139.89
1.2	Bonding Fee & Insurance	1	LS	$ 34,651.56	$ 34,651.56	$ -	$ -	-100.0%	$ 57,840.00	$ 57,840.00	66.9%	$ 28,920.00	$ 40,899.06
1.3	Permit Application Fee	1	LS	$ 66,451.56	$ 66,451.56	$ 34,791.67	$ 34,791.67	-47.6%	$ 11,568.00	$ 11,568.00	-82.6%	$ 23,179.84	$ 16,421.61
2.0 High Level Alarm Installations													
2.1	Southern Link high level alarm system - New.	1	EA	$ 60,182.06	$ 60,182.06	$ 72,500.00	$ 72,500.00	20.5%	$ 59,986.00	$ 59,986.00	-0.3%	$ 66,243.00	$ 8,848.73
2.2	Yigo high level alarm system - replacement and upgrade	1	EA	$ 59,549.11	$ 59,549.11	$ 62,034.27	$ 62,034.27	4.2%	$ 57,798.00	$ 57,798.00	-2.9%	$ 59,916.14	$ 2,995.50
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	$ 56,043.97	$ 56,043.97	$ 62,034.27	$ 62,034.27	10.7%	$ 58,382.00	$ 58,382.00	4.2%	$ 60,208.14	$ 2,582.54
2.4	Ypao high level alarm system - replacement and upgrade	1	EA	$ 59,941.87	$ 59,941.87	$ 62,034.27	$ 62,034.27	3.5%	$ 57,798.00	$ 57,798.00	-3.6%	$ 59,916.14	$ 2,995.50
2.5	Agana Main high level alarm system - New.	1	EA	$ 60,290.58	$ 60,290.58	$ 72,500.00	$ 72,500.00	20.3%	$ 57,798.00	$ 57,798.00	-4.1%	$ 65,149.00	$ 10,395.88
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	$ 58,796.56	$ 58,796.56	$ 62,034.27	$ 62,034.27	5.5%	$ 58,330.00	$ 58,330.00	-0.8%	$ 60,182.14	$ 2,619.31
2.7	Barrigada high level alarm system - New.	1	EA	$ 58,195.40	$ 58,195.40	$ 72,500.00	$ 72,500.00	24.6%	$ 56,999.00	$ 56,999.00	-2.1%	$ 64,749.50	$ 10,960.86
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	$ 57,507.56	$ 57,507.56	$ 62,034.27	$ 62,034.27	7.9%	$ 58,725.00	$ 58,725.00	2.1%	$ 60,379.64	$ 2,340.01
2.9	Mangilao high level alarm system - replacement and upgrade	1	EA	$ 58,791.71	$ 58,791.71	$ 62,034.27	$ 62,034.27	5.5%	$ 57,266.00	$ 57,266.00	-2.6%	$ 59,650.14	$ 3,371.68
2.10	Tai Mangilao high level alarm system - replacement and upgrade	1	EA	$ 58,303.66	$ 58,303.66	$ 62,034.27	$ 62,034.27	6.4%	$ 57,798.00	$ 57,798.00	-0.9%	$ 59,916.14	$ 2,995.50
2.11	Pago Double high level alarm system - New.	1	EA	$ 59,070.94	$ 59,070.94	$ 72,500.00	$ 72,500.00	22.7%	$ 56,423.00	$ 56,423.00	-4.5%	$ 64,461.50	$ 11,368.16
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	$ 57,947.66	$ 57,947.66	$ 62,034.27	$ 62,034.27	7.1%	$ 57,532.00	$ 57,532.00	-0.7%	$ 59,783.14	$ 3,181.59
2.13	Asan high level alarm system - replacement and upgrade	1	EA	$ 62,916.82	$ 62,916.82	$ 62,034.27	$ 62,034.27	-1.4%	$ 58,901.00	$ 58,901.00	-6.4%	$ 60,467.64	$ 2,216.56
2.14	Piti high level alarm system - replacement and upgrade	1	EA	$ 62,425.66	$ 62,425.66	$ 62,034.27	$ 62,034.27	-0.6%	$ 58,901.00	$ 58,901.00	-5.6%	$ 60,467.64	$ 2,216.56
2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	$ 59,750.66	$ 59,750.66	$ 62,034.27	$ 62,034.27	3.8%	$ 61,021.00	$ 61,021.00	2.1%	$ 61,527.64	$ 716.49
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	$ 62,666.97	$ 62,666.97	$ 62,034.27	$ 62,034.27	-1.0%	$ 60,094.00	$ 60,094.00	-4.1%	$ 61,064.14	$ 1,371.98
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	$ 61,383.82	$ 61,383.82	$ 62,034.27	$ 62,034.27	1.1%	$ 58,991.00	$ 58,991.00	-3.9%	$ 60,512.64	$ 2,151.92
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	$ 58,605.06	$ 58,605.06	$ 62,034.27	$ 62,034.27	5.9%	$ 59,257.00	$ 59,257.00	1.1%	$ 60,645.64	$ 1,963.60
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	$ 58,482.60	$ 58,482.60	$ 62,034.27	$ 62,034.27	6.1%	$ 58,991.00	$ 58,991.00	0.9%	$ 60,512.64	$ 2,151.92
2.20	High level arm system equipment at GWA Systems Control Center	1	EA	$ 30,851.56	$ 30,851.56	$ 32,587.14	$ 32,587.14	5.6%	$ 69,000.00	$ 69,000.00	123.7%	$ 50,793.57	$ 25,747.78
2.21	One year cellular service from date of project acceptance	1	EA	$ 23,651.56	$ 23,651.56	$ 8,388.75	$ 8,388.75	-64.5%	$ 36,000.00	$ 36,000.00	52.2%	$ 22,194.38	$ 19,524.10
3.0 Project Completion													
3.1	As-built drawings, O&M Manuals, training and contract closeout	1	LS	$ 20,851.56	$ 20,851.56	$ 44,081.91	$ 44,081.91	111.4%	$ 15,000.20	$ 15,000.20	-28.1%	$ 29,541.06	$ 20,563.87
	Sub-Total			$	1,464,961.98	$	1,489,292.80	1.7%	$	1,444,888.00	-1.4%		

Exhibit (1) of 1)

APPENDIX A

BID PROPOSAL FORM

DATE:

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

Dear Sir/Madam:

The undersigned ("Bidder"), a Corporation (Corporation or partnership or individual), organized and/or licensed to do business under the laws of Guam, hereby proposes and agrees to furnish all necessary labor, materials, equipment, tools and services necessary for the construction of the **IFB-04-ENG-2017 Critical Wastewater Pump Station Repairs – High Water Alarm; GWA Project No. S16-002-EPA** in accordance with the Specifications and other Contract Documents herein for the sum of

(Bid Amount)
One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars and 100/100 cents;

plus any and all sums to be added and/or deducted resulted from all extra and/or omitted work under a change order or Contract amendment under the unit and/or lump sum prices stated in the itemized proposal form attached hereto.

The undersigned has examined the location of the proposed work, the drawings, specifications and other Contract Documents and is familiar with the local conditions at the place where the work is to be performed, agrees to perform all work within the time set forth; herein and the price stated in their bid.

The Bid Guaranty attached hereto without endorsement, in the sum of not less than fifteen percent (15%) of the highest amount the total aggregate bid, is furnished to the Guam Waterworks Authority as a guarantee that the Agreement will be executed and a Performance and Payment Bond and proof of insurance and other requirements set forth in the bid, in forms acceptable to GWA, shall be furnished within twenty (20) days after notification that the undersigned is the lowest responsible and responsive bidder. In the event that this Bid is accepted, and the undersigned bidder shall fail to: (1) provide any and all documents requested by GWA; (2) execute the Contract on terms and conditions acceptable to GWA; and (3) furnish a satisfactory performance and Payment Bond under the conditions and within the time specified in this Proposal, the equivalent amount of the Proposed Guaranty shall be forfeited, as liquidated damages for the delay and additional work and costs caused thereby in obtaining another bidder, said amount being beforehand determined as being

reasonable and containing no penalties.

If written notice that the bidder is the lowest responsible and responsive bidder, and such notice is mailed, telegraphed or delivered to the undersigned within one hundred and twenty (120) days after the opening thereof, the undersigned agrees to execute the a Contract on terms and conditions acceptable to GWA, and to furnish a Performance and Payment Bond in an amount equal to one hundred percent (100%) of the Contract Amount, within twenty (20) days after receipt of such notice.

The undersigned hereby acknowledges receipt of the following Addenda:

Addendum No.	Dated:
NONE	
RFI Response #1	EMAILED 2/2/17

If awarded the Contract, the undersigned agrees to complete the work within **120** calendar days following the execution of the Contract by all parties thereto and the issuance of the Notice to Proceed from GWA.

Attached hereto are the following: (1) an affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this proposal or any other proposal or the submitting of proposals for the Contract for which this bid is submitted; (2) proof of licensure on Guam to conduct the services specified in the bid; (3) proof of insurance in the types and amounts specified in the bid, including certificates and a copy of the complete policies which indicates coverages and exclusions; (4) Certification of Non-Employment of Convicted Sex Offenders; and (5) any other document requested under per the Bid Specifications.

The undersigned understands that the Guam Waterworks Authority reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of GWA.

RESPECTFULLY SUBMITTED BY: Pacific Rim Constructors, Inc.
(CONTRACTOR)

Keith J. Stewart
(BY)

President
(TITLE)

PO Box 11049 Tamuning, GU 96931
(BUSINESS ADDRESS)

Critical Wastewater Pump Stations Repairs - High Water Alarms
GWA Project No. S16-002-EPA

BID SCHEDULE

Base Bid Description: The Base Bid generally consist of complete performance of work (materials, labor, and equipments) required for the replacement and uprades or providing new high alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID			
		Qty.	Unit	Unit Cost	Sub-Total
1.0 General Requirements:					
1.1	Mobilization/Demobilization	1	LS	$ 144,488.80	$ 144,488.80
1.2	Bonding Fee and Insurance	1	LS	$ 57,840.00	$ 57,840.00
1.3	Permit Application Fee	1	LS	$ 11,568.00	$ 11,568.00
2.0 High Level Alarm Installations					
2.1	Southern Link high level alarm system - New	1	EA	$ 59,986.00	$ 59,986.00
2.2	Yigo high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	$ 58,382.00	$ 58,382.00
2.4	Ypao high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.5	Agana Main high level alarm system - New	1	EA	$ 57,798.00	$ 57,798.00
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	$ 58,330.00	$ 58,330.00
2.7	Barrigada high level alarm system - New	1	EA	$ 56,999.00	$ 56,999.00
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	$ 58,725.00	$ 58,725.00
2.9	Mangilao high level alarm system - replacement and upgrade	1	EA	$ 57,266.00	$ 57,266.00
2.10	Tai Mangilao high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.11	Pago Double high level alarm system - New.	1	EA	$ 56,423.00	$ 56,423.00
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	$ 57,532.00	$ 57,532.00
2.13	Asan high level alarm system - replacement and upgrade	1	EA	$ 58,901.00	$ 58,901.00
2.14	Piti high level alarm system - replacement and upgrade	1	EA	$ 58,901.00	$ 58,901.00

2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	$ 61,021.00	$ 61,021.00
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	$ 60,094.00	$ 60,094.00
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	$ 58,991.00	$ 58,991.00
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	$ 59,257.00	$ 59,257.00
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	$ 58,991.00	$ 58,991.00
2.20	High level alarm alarm system equipment at GWA Systems Control Center	1	EA	$ 69,000.00	$ 69,000.00
2.21	One year cellular service from date of project acceptance	1	EA	$ 36,000.00	$ 36,000.00
3.0 Project Completion:					
3.10	As-built drawings, O&M Manuals, Training and contract closeout	1	LS	$ 15,000.20	$ 15,000.20
	Sub-Total				**$ 1,444,888.00**

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution No. 20-FY2017
Relative to Approval of 2016 Bond Funds as a Funding Source to the PMO Amendment No. 5

What is the project's objective and is it necessary and urgent?
The objective of this resolution is to provide an alternative funding source to fund work authorization related to Amendment #5 to the PMO contract. GWA management seeks to approve and implement remaining portions of authorizations that were part of Amendment #5, which were not executed at the time, through future contract change orders but now seeks CCU approval to include as a funding source the 2016 Bond proceeds that are applicable to the PMO's work and which are eligible to be used.

CCU Resolution No. 39-FY2015 only cited the funding source for the Amendment #5 "will be from the 2010 and 2013 bond series proceeds…"

Where is the project located?
N/A

How much will it cost?
There is no cost associated with the resolution given the CCU approved the PMO amendment #5 previously via Resolution No. 39-FY2015.

When will it be completed?
Completion date of work remaining under Amendment #5 expected December 2018.

What is the funding source?
2016 Bond proceeds.

The RFP/BID responses (if applicable):
N/A

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 20–FY2017

RELATIVE TO APPROVAL OF 2016 BOND FUNDS AS A FUNDING SOURCE TO THE PMO AMENDMENT NO. 5

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, on July 23, 2015 the CCU approved Resolution 39-FY2015 "Relative to Approving Contract Amendment #5 for Program Management Services" which contained work authorizations related to general program management support, preparing a consulting engineer's report for the 2015 revenue bonds, developing facility plans for NDWWTP and HWWTP, updating the water resources master plan and providing technical support for the source control program; and

WHEREAS, Resolution 39-FY2015 cited the funding source for Amendment #5 "will be from the 2010 and 2013 bond series proceeds, GWA revenue funds as well as State Revolving Funds that are applicable to the PMO's work and which are eligible to be used"; and

WHEREAS, Resolution 39-FY2015 and PMO Contract Amendment #5 was submitted to the PUC for approval in accordance to the Contract Review Protocol which was granted via PUC Order, GWA Docket 15-07. This Order fully approved the increase in the Program Management Office's contract in the amount of Five Million Three Hundred Three Thousand One Hundred Forty-Five Dollars ($5,303,145.00); and

WHEREAS, GWA management has approved and implemented portions of the work authorizations that were part of Amendment #5 through contract change orders and funded these work authorizations from sources noted in Resolution 39-FY2015; and

WHEREAS, GWA management intends to approve and implement remaining portions of authorizations that were part of Amendment #5 through future contract change orders but now seeks CCU approval to include as a funding source the 2016 Bond proceeds that are applicable to the PMO's work and which are eligible to be used; and

WHEREAS, the GWA Chief Engineer will identify specific CIP line items that are to fund the remaining work authorization scope; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU hereby authorizes the management of GWA to use 2016 bond proceeds to fund PMO work authorizations in the amounts identified and approved under the PMO Amendment #5.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

_____

JOSEPH T. DUENAS
Chairperson

Attested by:

_____

J. GEORGE BAMBA
Secretary

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

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GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives"
Suite 200 Gloria B. Nelson Public Service Building
688 Route 15, Mangilao, Guam 96913

Issues for Decision

Resolution No. 21-FY2017
Relative to the Amendment of the Classification Standards of the Water Meter Repairer and the Water Meter Repairer Supervisor Positions

What is the project's objective and is it necessary and urgent?
It is necessary and urgent for the CCU to approve the above request to support the amendment of the Water Meter Repairer and Water Meter Repairer Supervisor positions to read Water Meter Maintenance and Repair Worker I and Water Meter Maintenance and Repair Worker Supervisor respectively. Resolution No. 57-FY2016 approved the creation of the Water Meter Maintenance and Repair Worker series of positions on September 27, 2016. GWA subsequently requests to amend the positions' titles to allow the Department of Administration to appropriately assign position classification codes to the amended positions in order for the Authority to move forward with its recruitment efforts to optimize the operations and maintenance of the Test Bench Facility.

Where is it at?
These positions are to staff the Meter Calibration section of the Authority, specifically the Test Bench Facility.

How much will it cost?
There is no cost associated with the CCU's authority to amend the Water Meter Repairer and Water Meter Repairer Supervisor positions.

When will it be completed?
Anticipated completion – once approved by the CCU.

What is its funding source?
Funding source to staff new FTEs is revenue funds.

The RFP/BID responses:
N/A

CONSOLIDATED COMMISSION ON UTILITIES

GWA RESOLUTION NO. 21-FY2017

RELATIVE TO THE AMENDMENT OF THE CLASSIFICATION STANDARDS OF THE WATER METER REPAIRER AND THE WATER METER REPAIRER SUPERVISOR POSITIONS

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, the initial creation of the Water Meter Repairer and Water Meter Repairer Supervisor positions were established and approved by the Civil Service Commission in July 1980; and

WHEREAS, in order to align the functions being performed by existing staff of the GWA Meter Test Facility, the General Manager of GWA requested the CCU to create the Water Meter Maintenance and Repair Worker I, the Water Meter Maintenance and Repair Worker II, and the Water Meter Maintenance and Repair Worker Supervisor positions, adopted and approved through CCU Resolution No. 57-FY2016 on September 27, 2016 for GWA; and

WHEREAS, the newly created positions adopted and approved through CCU Resolution No. 57-FY2016 were intended to address the modern requirements of work performed at the GWA Meter Test Facility, and are more appropriate for such work than the previous existing positions approved by the Civil Service Commission in 1980. However, upon review of the new positions by the Department of Administration, a recommendation was made to amend the existing positions to reflect the requirements of the newly created positions; and

WHEREAS, Public Law 28-112 and 4 GCA §6303 (d) authorizes the creation of

positions in Autonomous Agencies and Public Corporations, and GWA Personnel Rules and Regulations as amended by Public Law 28-159 Section 3 (C) authorizes the CCU to amend, modify or add a position to the list of certified, technical and professional positions; and

WHEREAS, GWA requests the approval of the CCU to amend the Water Meter Repairer to reflect the requirements of a Water Maintenance and Repair Worker I; and

WHEREAS, GWA requests the approval of the CCU to amend the Water Meter Repairer Supervisor to reflect the requirements of a Water Meter Maintenance and Repair Worker Supervisor; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The amendment of the Water Meter Repairer position to read Water Meter Maintenance and Repair Worker I attached herein as Exhibit A.
3. The amendment of the Water Meter Repairer Supervisor position to read Water Meter Maintenance and Repair Worker Supervisor attached herein as Exhibit B.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by: Attested by:

_____ _____

JOSEPH T. DUENAS
Chairperson

J. GEORGE BAMBA
Secretary

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

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

WATER METER MAINTENANCE AND REPAIR WORKER I

NATURE OF WORK IN THIS CLASS:

Operate, repair and maintain meter test bench facility to ensure water meters are operating efficiently. The work performed is under the guidance of Water Meter Maintenance Supervisor.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed)

Organizes meters in crates for testing, segregates failed from passed.

Operates meter test bench facility.

Records meter reading results on the record form or log data in the computer used for meter management.

Responds to customer concerns and inquiries about meter reliability.

Repairs and diagnoses meters in accordance with manufacturers standards.

Checks and reports malfunctioning meters, meter tampering and general condition of meters.

Assists customers' requests for unusually high or low water meter consumption.

Reports customer complaints, and checks meters to locate abnormal consumption, irregularities, defects, damages

Tests and diagnoses electronic transmitting devices when problems occur.

Performs other related skilled duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard principles, practices and techniques in water testing, selection, installation and maintenance.

Knowledge of various meter types for water measurement and their components.

Knowledge in testing meters for accuracy of registration at flow rates and test flow quantities, both for large and small meters.

Knowledge of occupational hazards with utmost safety practices and procedures.

Knowledge of meter reading and customer billing.

Exhibit A

Ability to read meters, gauges and diagrams and record reading and maintains operating records.

Ability to repairs and diagnoses meters in accordance with manufacturers standards

Ability to compile and log data, prepare reports and maintain records.

Ability to work under pressure and make appropriate decisions.

Ability to work effectively with the public and employees.

Ability to quickly and accurately read meters and record data

Ability to communicate effectively, both orally and in writing

Ability to communicate effectively both orally and in writing.

Performs related duties as required.

MINIMUM EXPERIENCE AND TRAINING:

A) One (1) year of skilled work experience in water meter testing, installation and repair; or

B) Any equivalent combination of experience and training which provides the minimum knowledge, skills and abilities.

Note: Pursuant to PL 29-113, Section 3(c); 4GCA, Chapter 4 §4101(c) "all new employment in the service of the government of Guam shall have, as a reasonable measure of job performance, minimum requirement of high school diploma or a successful completion of General Education Development (GED) test or any equivalent education high school program, apprenticeship program or successful completion of certification program, from a recognized, accredited or certified vocational technical institution, in specialized field required for the job.

Established: June 2016

JOB EVALUATION POINTS (JE Points): 362

PayGrade/Step:	Minimum:	E6-A	$22,669.00 Per Annum
	Maximum:	E9-A	$25,544.00 Per Annum

JOSEPH T. DUENAS, Chairman
Consolidated Commission on Utilities

9.741

WATER METER REPAIRER

NATURE OF WORK IN THIS CIASS:

Performs skilled work in installing, maintaining, and repairing water meters.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Installs, removes, inspects, tests, cleans, adjusts and repairs trident, buffalo, badger, neptune and reckwell water meters and water well meters; replaces damaged meters; adjusts gears; replaces seals and gaskets; repairs inlet and outlet leaks; removes debris from meters and cleans so that proper reading can be taken; bench tests meters for accuracy in the shop; replaces meter couplings; excavates buried meters.

Answers customer complaints; investigates, repairs meters and explains reasons for high readings to customers.

Maintains records of work performed.

Performs related duties as required.

MINIMUM KNOWLEDGES, ABILITIES, AND SKILLS:

Knowledge of the standard methods, materials, practices and equipment used in the installation, maintenance and repair of water meters.

Ability to maintain work records.

Ability to apply safe work practices on the job.

Ability to understand and follow oral and written instructions.

Skill in water meter repair work.

MINIMUM EXPERIENCE AND TRAINING:

(a) One year of experience in the installation, maintenance and repair of water meters; or

(b) Any equivalent combination of experience and training which provides the minimum knowledges, abilities, and skills.

ESTABLISHED: JULY, 1980

DAVID R. FLORES, Executive Director
Civil Service Commission

Pay Grade G Step 1: $18,723 - Step 10: $28,085

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

WATER METER MAINTENANCE AND REPAIR SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises, operates and maintains meter test bench facility to ensure water meters are operating efficiently. Supervises the testing of meters; installs and replaces water meters and supervises a variety of on-site adjustments to ensure appropriate recording of water consumptions.

The work performed is under the guidance of Utility Services Administrator –Operations.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed)

Plans, schedules, assigns, directs and reviews the work of employees engaged in maintaining, repairing, testing, calibrating and installing flow meters.

Supervises testing of all water meters for accuracy of registration at flow rates and test-flow quantities complying with AWWA meter testing regulations.

Supervises the preparation of work orders as necessary to address operating and maintenance issues.

Supervises the maintenance of meter testing records in Customer Care and Billing System

Prepares weekly and monthly reports of productivity and progress of meter maintenance programs and compiles annual reports.

Trains subordinates on use of meter test facility; prepares daily preschedule for the next scheduled day, or days in case of weekends and holidays.

Supervises the repair and diagnoses of meters in accordance with manufacturers standards.

Responds to customer concerns and inquiries. ✓

Prepares and oversees associated program budget.

Maintains employee time sheets and payroll records, manages the purchasing and inventory control of parts, equipment and supplies for the meter maintenance section.

Supervises the maintenance of meter testing facility's annual calibration requirements.

Maintains a report of warranty meters and communicate with vendors for the returned and replacement of these meters.

Analyzes water meter test data and report with recommendations.

Exhibit B

Manages the preventive maintenance of meter test facility equipments.

Repairs meters in accordance with manufacturers standards.

Checks and reports malfunctioning meters, meter tampering and the general condition of meters; checks for unusually high or low water consumption by a customer.

Directs and storages of supplies, tools and equipment and ensures they are maintained and available for work; orders supplies, tools and equipment as needed.

Estimates the time, supplies and equipment costs of work tasks.

Tests various meter reading units and repair as necessary.

Assists Utility Worker in operations and maintenance of water systems on an as needed or emergency basis.

Performs other related skilled duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard principles, practices and techniques in water testing, selection, installation and maintenance.

Knowledge of various meter types for water measurement and their components.

Knowledge in testing meters for accuracy of registration at flow rates and test flow quantities, both for large and small meters.

Knowledge in program coordination for meter maintenance periodic testing.

Knowledge of occupational hazards with utmost safety practices and procedures.

Knowledge of meter reading and customer billing.

Knowledge of repairs and diagnoses of meters in accordance with manufacturers standards.

Ability to read meters, gauges and diagrams and record reading and maintains operating records.

Ability to compile and log data, prepare reports and maintain records.

Ability to work under pressure and make appropriate decisions.

Ability to work effectively with the public and employees.

Ability to communicate effectively both orally and in writing.

Knowledge of techniques, materials, tools, and equipment used in testing, installing/removing and repair of meters.

Ability to quickly and accurately read meters and record data.

Ability to work independently.

Ability to read and interpret installation and repair manuals.

Ability to compile and log data, prepare reports and maintain records.

Ability to learn the types and operation of electric metering devices.

Ability to detect abnormal consumption, irregularities, defects, damages of utility meters.

Knowledge of electronic skills and basic electrical diagnostic equipment.

Ability to follow written and oral instructions.

Ability to maintain records and prepare reports.

Ability to make work decisions in accordance with appropriate program guidelines.

MINIMUM EXPERIENCE AND TRAINING:

A) Three (3) years of supervisory experience in water meter testing, installation and repair; or

B) Four (4) years of skilled work experience in meter testing, installation and repair; or

C) Any equivalent combination of experience and training which provides the minimum knowledge, skills and abilities.

Note: Pursuant to PL 29-113, Section 3(c); 4GCA, Chapter 4 §4101(c) "all new employment in the service of the government of Guam shall have, as a reasonable measure of job performance, minimum requirement of high school diploma or a successful completion of General Education Development (GED) test or any equivalent education high school program, apprenticeship program or successful completion of certification program, from a recognized, accredited or certified vocational technical institution, in specialized field required for the job.

Established: June 2016

JOB EVALUATION POINTS (JE Points): 734

PayGrade/Step:	Minimum:	J4-D	$41,530.00 Per Annum
	Maximum:	J7-D	$46,797.00 Per Annum

JOSEPH T. DUENAS, Chairman
Consolidated Commission on Utilities

9.742

WATER METER REPAIR SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises and participates in the installation, adjustment, maintenance and repair of water meters.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Supervises and participates in the installation, adjustment, maintenance and repair of water meters in the shop and field locations.

Directs the storage of supplies, tools and equipment, and ensures they are maintained and available for work; orders supplies, tools and equipment as needed.

Estimates the time and cost of work projects.

Performs complex and difficult repair work requiring a high degree of skill.

Receives and investigates customer complaints and reports.

Interprets and works from meter manuals and blueprints.

Applies and enforces safe work practices on the job.

Maintains records and prepares reports.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

Knowledge of the standard methods, materials, practices, tools and equipment used in the installation, maintenance and repair of water meters.

Ability to supervise the work of others.

Ability to estimate the time and cost of work projects.

Ability to ensure that supplies, tools and equipment are maintained and available for work projects.

Ability to interpret and work from meter manuals and blueprints.

Ability to apply and enforce safe work practices on the job.

Ability to work effectively with the public and employees.

Ability to follow and provide oral and written instructions.

Ability to maintain records and prepare reports.

Skill in the installation, adjustment, maintenance and repair of water meters.

MINIMUM EXPERIENCE AND TRAINING:

(a) Four years of experience in the installation, maintenance and repair of water meters; or

(b) Any equivalent combination of experience or training which provides the minimum knowledge, abilities, and skills.

ESTABLISHED: JULY 1980
Pay Grade H Step 1:$ 19,974 - Step 10: $29,085

DAVID R. FLORES, Executive Director
Civil Service Commission

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Issues for Decision

Resolution 22-FY2017
Ratification of Purchases under Indefinite Quantity Contract with JMI-Edison for Submersible Pumps and Motors for GWA Deep Wells

What is the project's objective and is it necessary and urgent?
This request will be used in purchasing pumps and motors to improve reliability of GWA's water supply system. The project is to provide submersible pumps and motors to GWA Deep Wells to ensure adequate stock is available at all times and bring back online existing down wells. The objective is to maintain adequate pumps and motors in inventory at all times.

Where is the location?
GWA deep well facilities island wide.

How much will it cost?
$963,018.62, for the purchases of submersible pumps and motors during the initial contract term of three (3) years.

PO Purchases

PO No.	PO Amount	PO Date	Funding Source
297992	$42,772.51	04/16/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298208	$59,887.34	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298218	$165,918.18	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298345	$21,462.24	07/14/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298695	$32,426.64	11/18/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298783	$88,111.79	12/16/15	Internally Funded CIP
299504	$160,047.56	05/20/16	PW 09-02 Water Wells, Bond 2013
299589	$141,981.34	06/14/16	PW 09-02 Water Wells, Bond 2013
300204	$23,556.87	11/14/16	Internally Funded CIP
Total Amount	**$736,164.47**		

Additional Purchases

Submersible Motors	$58,570.30
Submersible Pumps	$168,283.85
Total	**$226,854.15**

Cost Summary

PO Purchases	$736,164.47
Additional Purchases	$226,854.15
TOTAL	**$963,018.62**

When will it be completed?
The indefinite quantity contract will be in place for an initial term of three (3) years and purchases will be ongoing on an as-needed basis over the life of the contract term.

What is the funding source(s)?
Bond Fund Programs Budget and Water Production O&M budget.

The RFP/BID responses:
13 downloaded.
1 bid submitted.
JMI-Edison awarded the Bid.

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 22-FY2017

RATIFICATION OF PURCHASES UNDER INDEFINITE QUANTITY CONTRACT WITH JMI-EDISON FOR SUBMERSIBLE PUMPS AND MOTORS FOR GWA DEEP WELLS

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 advertised an Invitation for Bid (IFB) 2015-03 soliciting cost quotations from experienced and responsive bidders to provide Deep Well Submersible Pumps and Motors and provide adequate stock replenishment when needed; and

WHEREAS, there was one responsive and responsible bidder who met the Submersible Pumps and Motors requirements of IFB 2015-03; and

WHEREAS, IFB 2015-03 offers were evaluated by GWA's review committee; and

WHEREAS, GWA's review committee determined that the offer for Submersible Pumps and Motors made by JMI-Edison was fair and reasonable by the basis of past purchases made [EXHIBIT A]; and

WHEREAS, GWA accepted JMI-Edison's bid proposal of indefinite quantity bid of "All or None Bid for Franklin Electric Motors" and "All or None Bid for Franklin Electric and Grundfos Pump" with an estimated total amount of Seven Hundred Six Thousand Six Hundred Eighty-Seven Dollars and Thirty Cents ($706,687.30) [EXHIBIT B]; and

WHEREAS, GWA management seeks CCU ratification of purchases related to IFB 2015-03 in the total amount of Seven Hundred Thirty-Six Thousand One Hundred Sixty-Four Dollars and Forty-Seven Cents ($736,164.47) [EXHIBIT C]; and

WHEREAS, GWA management seeks CCU approval to purchase additional pumps and motors for GWA Deep Wells in the total amount of Two Hundred Twenty-Six Thousand Eight Hundred Fifty-Four Dollars and Fifteen Cents ($226,854.15) [EXHIBIT D]; and

WHEREAS, GWA management seeks CCU approval and ratification of IFB 2015-03 for Submersible Pumps and Motors' indefinite quantity bid in total of Nine Hundred Sixty-Three Thousand Eighteen Dollars and Sixty-Two Cents ($963,018.62), the sum of Encumbered Purchase Orders ($736,164.47) and Purchase of Additional Pumps and Motors ($226,854.15); and

WHEREAS, the source of funding for the Submersible Pumps and Motors are Multiple Bond Fund Programs (PW 09-02 Water Wells, Bond 2013 and PW 09-08 Mechanical and Electrical Equipment Replacement Bond 2013) and Internally Funded Capital Improvement Projects.

NOW THEREFORE BE IT RESOLVED, the Consolidated Commission on Utilities does hereby approve and ratify 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 "JMI-Edison" are fair and reasonable.
3. There was no indication of bad faith or fraud in any of the procurements contained therein.
4. All of the procurement herein are in the best interest of the territory of Guam and Guam Waterworks Authority.
5. The CCU ratifies the encumbered purchases under the previously issued purchase orders relative to the Indefinite Quantity Contract with JMI-Edison

in the total amount of Seven Hundred Thirty-Six Thousand One Hundred Sixty-Four Dollars and Forty-Seven Cents ($736,164.47).

6. The CCU hereby further authorizes GWA management to purchase additional pumps and motors for GWA Deep Wells in the total amount of Two Hundred Twenty-Six Thousand Eight Hundred Fifty-Four Dollars and Fifteen Cents ($226,854.15).
7. The CCU hereby further approves the funding total of Nine Hundred Sixty-Three Thousand Eighteen Dollars and Sixty-Two Cents ($963,018.62) for the initial three-year contract term.
8. GWA management is hereby authorized to seek PUC approval in the event the contract value exceeds One Million Dollars ($1,000.000.00) as required by Docket 00-04.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by: Attested by:

_____ _____

JOSEPH T. DUENAS **J. GEORGE BAMBA**
Chairperson Secretary

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

DRAFT

EXHIBIT A (1 of 6)

GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913

MEMORANDUM

TO: General Manager

VIA: Supply Management Administrator

FROM: Evaluation Committee Members

SUBJECT: Invitation to Bid No. GWA 2015-03
Ref: Submersible Motors, Pumps, and Pump & Motor

Invitation for Bid No: GWA 2015-03 was officially announced and advertised in the Pacific Daily News, Marianas Variety and Guam Waterworks Authority Website on January 29, 2015 and open as scheduled on March 04, 2015 @ 10:00 am. Twelve (12) prospective bidders expressed their interests by acknowledging receipt of the bid package thru GWA's website.

Bidders Register:

1. Z Enterprises, Inc
2. Frontier Supply
3. Hikhjkj
4. JMI Edison
5. Black Const. Corp
6. Benson Guam Ent
7. HDR, Inc
8. Guam Pacific Ent
9. JJ Global
10. Inland Builders
11. Xiong's Family
12. David Meinung

Of the twelve (12), one (1) submitted their bid package, namely:

- JMI Edison

An evaluation committee was formally assembled and met on March 17, 2015 @ 9:30 am in Procurement's office to review/discuss and evaluate the bid.

Committee members consist of:

- Ron Topasna
- Karen Grape
- Peter Salas

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

The committee members reviewed the bid proposal and have determined JMI Edison being the only bidder, respectfully submitted a fair cost and are as followed:

ITEM NO.	DESCRIPTION	ESTIMATED QTY		UNIT COST	EXTENSION
"All or None Bid for Franklin Electric Motors"					
1.1A	SUBMERSIBLE MOTOR 10 H.P.	1	EA	$2,218.17	$2,218.17
B	SUBMERSIBLE MOTOR 20 H.P.	2	EA	$2,797.88	$5,595.76
C	SUBMERSIBLE MOTOR 30 H.P.	1	EA	$3,487.42	$3,487.42
D	SUBMERSIBLE MOTOR 40 H.P.	3	EA	$4,023.70	$12,071.10
E	SUBMERSIBLE MOTOR 50 H.P.	3	EA	$5,332.76	$15,998.28
F	SUBMERSIBLE MOTOR 60 H.P	37	EA	$6,110.36	$226,083.32
G	SUBMERSIBLE MOTOR 75 H.P.	3	EA	$11,171.65	$33,514.95
H	SUBMERSIBLE MOTOR 100 H.P.	4	EA	$12,330.12	$49,320.48
I.	SUBMERSIBLE MOTOR 125 H.P.	2	EA	$16,179.37	$32,358.74
J.	SUBMERSIBLE MOTOR 150 H.P.	3	EA	$19,393.95	$58,181.85
				Total Cost:	**$438,830.07**

2

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

ITEM NO.	DESCRIPTION	ESTIMATED QTY		UNIT COST	EXTENSION
"All or None Bid for Franklin Electric & Grundfos Pumps"					
2.1 A.	SUBMERSIBLE PUMP 70SR7, 6" X 8 STAGE	1	EA	$1,020.24	$1,020.24
B.	SUBMERSIBLE PUMP 70SR15, 6" X 15 STAGE	1	EA	$1,395.34	$1,395.34
C.	SUBMERSIBLE PUMP 150SR30, 6" X 14 STAGE	1	EA	$1,484.16	$1,484.16
D.	SUBMERSIBLE PUMP 150SR40, 6" X 19 STAGE	1	EA	$1,885.65	$1,885.65
E.	SUBMERSIBLE PUMP 175SR20, 6" X 8 STAGE	1	EA	$1,843.65	$1,843.64
F.	SUBMERSIBLE PUMP 175SR25, 6" X 10 STAGE	2	EA	$2,147.92	$4,295.84
G.	SUBMERSIBLE PUMP 175SR30, 6" X 12 STAGE	1	EA	$2,459.99	$2,459.99
H.	SUBMERSIBLE PUMP 175SR40, 6" X 14 STAGE	10	EA	$2,714.46	$27,144.60
I.	SUBMERSIBLE PUMP 175SR40, 6" X 16 STAGE	3	EA	$2,981.52	$8,944.56
J.	SUBMERSIBLE PUMP 175SR50, 6" X 18 STAGE	1	EA	$3,253.38	$3,253.38
K.	SUBMERSIBLE PUMP 250SR25, 6" X 9 STAGES	1	EA	$1,578.98	$1,578.98
L.	SUBMERSIBLE PUMP 250SR30, 6" X 10 STAGES	3	EA	$1,674.40	$5,023.20
M.	SUBMERSIBLE PUMP 250SR40, 6" X 12 STAGES	3	EA	$1,937.27	$5,811.81
N.	SUBMERSIBLE PUMP 250SR40, 6" X 14 STAGES	4	EA	$2,349.56	$9,398.24

3

O.	SUBMERSIBLE PUMP 250SR50, 6" X 15 STAGES	10	EA	$2,327.96	$23,279.60
P.	SUBMERSIBLE PUMP 250SR50, 6" X 18 STAGES	2	EA	$2,942.51	$5,885.02
Q.	SUBMERSIBLE PUMP 250SR60, 6" X 20 STAGES	3	EA	$3,223.97	$9,671.91
R.	SUBMERSIBLE PUMP 325SR25, 6" X 7 STAGES	1	EA	$1,541.17	$1,541.17
S.	SUBMERSIBLE PUMP 325SR40, 6" X 9 STAGES	2	EA	$1,842.45	$3,684.90
T.	SUBMERSIBLE PUMP 325SR40, 6" X 11 STAGES	1	EA	$2,236.14	$2,236.14
U.	SUBMERSIBLE PUMP 325SR50, 6" X 13 STAGES	13	EA	$2,552.42	$33,181.46
V.	SUBMERSIBLE PUMP 325SR60, 6" X 18 STAGES	2	EA	$3,319.40	$6,638.80
W.	SUBMERSIBLE PUMP 325SR75, 6" X 21 STAGES	1	EA	$4,905.58	$4,905.58
X.	SUBMERSIBLE PUMP 400SR50, 8" X 7 STAGES	1	EA	$3,494.64	$3,494.64
Y.	SUBMERSIBLE PUMP 400SR75, 8" X 10 STAGES	2	EA	$4,736.93	$9,473.86
Z.	SUBMERSIBLE PUMP 400SR100, 8" X 13 STAGES	3	EA	$5,418.10	$16,254.30
AA.	SUBMERSIBLE PUMP 475SR100, 8" X 11 STAGES	3	EA	$5,426.50	$16,279.50
AB.	SUBMERSIBLE PUMP 475SR125, 8" X 14 STAGES	2	EA	$6,226.49	$12,452.98
AC.	SUBMERSIBLE PUMP 625S-1500, 8" x 7A STAGES	2	EA	$9,468.84	$18,937.68

AD.	SUBMERSIBLE PUMP 625S-1500, 8" x 7 STAGES	2	EA	$9,468.84	$18,937.68
AE.	SUBMERSIBLE PUMP 800S-1000, 8" x 4A STAGES	1	EA	$5,462.38	$5,462.38
				Total Cost:	**$267,857.23**

[Grand Total Cost: $706,687.30]

After a thorough evaluation, the committee members clarified and confirmed with JMI Edison on Item No: 1.1a the submitted Total Cost indicated $212,746.75. JMI responded dated on March 26, 2015 and advised the members it was a typographical error and the total cost should state $438,830.07. In closing, the committee members agreed to accept the bid offer from JMI Edison and have determined they submitted and complied with all specifications and requirements set forth in the IFB.

Summary:

This is an "Indefinite Quantity Bid" pursuant to the Guam Procurement Regulations. The quantities reflected are only estimated and not guarantee of amounts to be purchased. Quantities may increase or decrease thru the duration of the contract and continued purchase is subject to the availability of funds. No guarantee or other commitment is made to vendors in terms of purchasing quantity and the amounts set forth in this bid are only estimates of needs for the near term.

Please note: This is an Indefinite Quantity Bid so the grand total cost stated above does not mean it's a guaranteed cost that GWA will be issuing.

Contract Term:

GWA and the lowest responsible bidder may enter into a contract (which may be in the form of a Purchase Order) on terms acceptable to GWA which shall commence upon vendor's acknowledged receipt of a Notice to Proceed from GWA. The initial term of the contract is three (3) years with two (2) one year options to renew, subject to availability of funds and agreement between the parties.

Concurred and accepted by the committee members:

Ron Topasna, Water Plant Superintendent

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

Karen Cheryl C. Grajo, Management Analyst III, Operations

Peter Salas, Buyer II, Procurement

Your approval is greatly appreciated.

Antonio Camacho

In consideration of the foregoing, please indicate your approval of this recommendation by your signature below.

[✓] CONCURRED [ ] UNCONCURRED

VINCENT ED. GUERRERO, SMA

[✓] APPROVED [ ] DISAPPROVED

3/30/2015

MARK G. MILLER, GENERAL MANGER, INTERIM

GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913
Tel: (671) 300-6026/27 Fax: (671) 649-3750

MAR 3 1 2015

JMI Edison
125 North Marine Drive
P.O. Box 6577
Tamuning, Guam 96931
Ph: 646-6400 Fax: 649-4835

RE: Notice of Award for GWA Bid No. 2015-03
For: Submersible Motors, Pumps, and Pump & Motor

Hafa Adai!

The Guam Waterworks Authority ("GWA") has considered the bid submitted by JIM Edison for the above described reference in response to its Advertisement for Bids dated January 29, 2015.

Therefore, JMI Edison is hereby notified the proposal for the Indefinite Quantity Bid has been accepted by GWA. Please be advised the Bid Bond must remain in full force and effect until all performance periods have ended **(e.g., until warranty period has ended as any warranty is a service provided in conjunction with the delivery of goods).**

You are hereby advised that any obligations incurred by JMI Edison prior to execution of the contract are at your own risk. GWA shall have no obligation to reimburse costs incurred prior to execution of the contract.

You are required to return an acknowledged copy of this Notice of Award to the Procurement & Supply Administrator.

Sincerely,

3/30/2015
Mark G. Miller
General Manager, Interim

01 33 03 p m 03-31-2015	3	6716493750

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

Dated this 31ST day of March 2015.

By JEFFREY PAESTE
Title Operations Manager

******* END OF NOTICE OF AWARD *******

EXHIBIT C

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Encumbered Purchase Orders Relative to IFB 2015-13

PO No	PO Amount	PO Date	Funding Source
297992	$42,772.51	04/16/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298208	$59,887.34	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298218	$165,918.18	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298345	$21,462.24	07/14/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298695	$32,426.64	11/18/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298783	$88,111.79	12/16/15	Internally Funded CIP
299504	$160,047.56	05/20/16	PW 09-02 Water Wells, Bond 2013
299589	$141,981.34	06/14/16	PW 09-02 Water Wells, Bond 2013
300204	$23,556.87	11/14/16	Internally Funded CIP
Total Amount	**$736,164.47**		

Copies of all Purchase Orders attached.

EXHIBIT D

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
Gloria B. Nelson Public Service Building| 688 Route 15 | Mangilao, Guam 96913
Tel: (671) 300-6846

Additional Purchases

Submersible Motors	**Qty**	**Unit Cost**	**Amount**
150 hp. Franklin Motor	2	$19,393.95	$38,787.90
125 hp. Franklin Motor	1	$16,179.37	$16,179.37
100 hp. Franklin Motor	1	$12,330.12	$12,330.12
75 hp. Franklin Motor	2	$11,171.65	$22,343.30
60 hp. Franklin Motor	5	$6,110.36	$30,551.80
50 hp. Franklin Motor	6	$5,332.76	$31,996.56
40 hp. Franklin Motor	4	$4,023.70	$16,094.80
Total Submersible Motors	**21**		**$168,283.85**
Submersible Pumps	**Qty**	**Unit Cost**	**Amount**
175 SR-40F66- 1463 (6"x 14 stage)	8	$2,714.46	$21,715.68
250 SR-50F66-1563 (6"x 15 stage)	4	$2,327.96	$9,311.84
250 SR-40F66- 1263 (6"x 11 stage)	1	$1,937.27	$1,937.27
250SR-50F66-1863	1	$2,942.51	$2,942.51
250SR-40F66-1463	1	$2,349.56	$2,349.56
400 SR-100F86-1384 (8"x 13 stages)	1	$5,418.10	$5,418.10
475 SR-100F86- 1186 (8"x 13 stages)	1	$5,426.50	$5,426.50
NFPA-625S-1500 (Stages 7A)	1	$9,468.84	$9,468.84
Total Submersible Motors	**18**		**$58,570.30**
Total Pumps and Motors	**39**		**$226,854.15**

GUAM WATERWORKS AUTHORITY

1 : Page
3410: s/o
04/16/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 297992-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
APPLICATION: 316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS 60 HZ AC, 3 PHASE, DELTA 4 WIRE (L1,L2,L3 WITH GROUND CONNECTION) NEMA MOTOR, SPEED(RPM): 3450 RPM, MOTOR DIAMETER: 6 INCH MAXIMUM (LESS THAN 75 H,P; NUMBERS OF MOTOR LEAD: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460V+- 10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINOUS, INSULATION CLASS: CLASS F OR BETTER, POWER FACTOR: 0.85 OR HIGHER. ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER, DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED AND ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF INSTALLATION. NOTE: MOTORS MUST BE NEW AND MANUFACTURED IN THE UNITED STATES. REFURBISHED MOTORS ARE NOT ACCEPTABLE. MOTORS MUST BE ABLE TO OPERATE IN A VARIABLE SPEED MODE OPERATION (I.E; USING VARIABLE FREQUENCY DRIVE. *** NOTE: VENDOR MUST COMPLY WITH ALL GENERAL TERMS AND CONDITIONS AND SPECIAL PROVISIONS OF THIS BID. *** FOR: INVENTORY/WATER/DEEPWELL/R. TOPASNA/K. GRAPE GPR: 3-204.02.3 DELIVERY: 45-60 DAYS G.L: 500.151/ W269.105321.4100003/ PUMP AND MOTORS SPARE PARTS/ CIP/ PW 09-08 MECHANICAL/ELECTRICAL EQUIPMENT/ BOND 2013/ SUBLEDGER: 513 109 08 A REF: GWA IFB 2015-03 SUBMERSIBLE MOTORS AND PUMPS OQ# 25767/ OR# 25747 PETER				
MOTOR, SUBMERSIBLE 60 HP FRANKLIN, 6" DIAMETER, 460V 1581	7	EA	6,110.36	EA 42,772.52

GWA MAINTENANCE & OPERATIONS ADMINISTRATIVE OFFICE
RECEIVED BY:
JUN 11 2015
BY:

4 15C19-25-080088
1 15C19-25-080138
5 15C19-25-080188
2 15C19-19-080368
6 15C19-25-080288
3 15C19-10-080018
7 15C19-25-080038

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority. Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 42,772.52

ACKNOWLEDGED BY: _____ DATE: 6.11.15
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: _____ 4/17/2015

Mark G. Miller, General Manager, Interim
NAME TITLE

PORDERJB

ORIGINAL

09:28:45 a.m 06-08-2015 | 1 | 6716493750

6716493750 GWA Procurement Supply 09:20:33 a.m. 06-08-2015 1/4

GUAM WATERWORKS AUTHORITY
1 Page
3410 P/O
06/05/15 Date
FOB GWA, P.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298208-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
3" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60HZ, (NOTE: TO BE USED ON 50 H.P. SUBMERSIBLE MOTOR) (FRANKLIN) *** TO BE UTILIZED AT DEEPWELL SITES D-15 AND Y-10 *** FOR: INVENTORY/WATER/DEEPWELL/R. TOLASNA/K. GRAPES GPR: 3-204.02.2 DELIVERY: 45-60 DAYS G.L:W269.10521.410003DEEPWELL PUMPS AND MOTORS / PW 09-08/ BOND 2013/ GL 500.105.330 REF: IFB 2015-03 SUBMERSIBLE PUMPS AND MOTORS OQ# 25947/ OR# 25977 PETER *** NOTE: BIDDER MUST COMPLY WITH ALL SPECIAL PROVISIONS, GENERAL TERMS AND CONDITIONS AND SPECIAL TERMS AND CONDITIONS				
PUMP SUBMERSIBLE 250SR50F66-1863 6"X18 STAGES 250GPM @685' 60249	2	EA	2,942.51 EA	5,885.02
3" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60HZ (NOTE TO BE USED ON 50 H.P. SUBMERSIBLE MOTOR) (FRANKLIN) *** TO BE UTILIZED AT DEEPWELL SITES F-19, F-20, M-21 AND D-28				
PUMP SUBMERSIBLE 250SR50F66-1563 6"X15 STAGES 250GPM @590' 60265	4	EA	2,327.26 EA	9,309.04
3" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60HZ (NOTE: TO BE USED ON 40 H.P. SUBMERSIBLE MOTOR) (FRANKLIN) *** TO BE UTILIZED AT DEEPWELL SITES: F-03, Y-03, Y-05, Y-06, M-02 AND M-04				
PUMP SUBMERSIBLE 175SR40F66-1463 6"X14 STAGES 175GPM @655' 60273	5	EA	2,714.41 EA	13,572.05

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

JUL 22 2015

GWA MAINTENANCE & OPERATIONS ADMINISTRATIVE OFFICE
RECEIVED BY:
AUG 24 2015
BY:

INV # 0017197-IN

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

TOTAL
DO NOT FILL THIS BLOCK
If your total must exceeds this total. >>
$

ACKNOWLEDGED BY: _____ DATE: 7.22.15
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Mark G. Miller - General Manager, Interim
NAME TITLE

RECEIVING REPORT
ORIGINAL

09:39:43 a.m. 06-08-2015 | 2 | 6716493750

6716493750 GWA Procurement Supply 09:21:06 a.m. 06-08-2015 2/4

GUAM WATERWORKS AUTHORITY

2 : Page
3410 : S/O
06/05/15 : Date
FOB GWA, P.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298208-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
6" NPT DISCHARGE, 8" DIAMETER, 3450 RPM, 60HZ (NOTE: TO BE USED ON 150 H.P. SUBMERSIBLE MOTOR) (GRUNFROS) *** TO BE UTILIZED AT DEEPWELL SITE: AG2A PUMP SUBMERSIBLE 625S-1500-7 8"X7 STAGES 625GPM @ 725' TDH 60281	1	EA	9,468.84	EA	9,468.84
6" NPT DISCHARGE, 8" DIAMETER, 3450 RPM, 60HZ (NOTE: TO BE USED ON 150 H.P. SUBMERSIBLE MOTOR) (GRUNDFOS) *** TO BE UTILIZED AT DEEPWELL SITES: Y-15 AND Y-19 PUMP SUBMERSIBLE 625S-1500-7A 8"X7 STAGES 625GPM @ 690' TDH 60290	2	EA	9,468.84	EA	18,937.68

GWA MAINTENANCE & OPERATIONS ADMINISTRATIVE OFFICE
RECEIVED BY:
AUG 24 2015
BY: 315pm

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

ACKNOWLEDGED BY: _____ DATE: 7.22.15
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 59,887.34

SIGNATURE: _____ 6/16/15

Mark G. Miller - General Manager, Interim
TITLE

RECEIVING REPORT

GUAM WATERWORKS AUTHORITY

2 : Page
3410 : B/O
06/05/15 : Date
FOB GWA : F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298218-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:
JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:
GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148	B-14		09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
DIAMETER: 6 INCH MAXIMUM, NO. OF MOTOR LEADS: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460V +- 10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINOUS, INSULATION CLASS: CLASS F OR BETTER, POWER FACTOR: 0.85 OR HIGHER, ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER, DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED SNF ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF 0INSTALLATION, NOTES: MOTORS MUST BE NEW AND MANUFACTURED IN THE UNITED STATES, REFURBISHED MOTORS ARE NOT ACCEPTABLE, MOTORS MUST BE ABLE TO OPERATE IN A VARIABLE SPEED MODE OPERATION (I.E; USING VARIABLE FREQUENCY DRIVE) MOTOR, SUBMERSIBLE 60 HP FRANKLIN, 6" DIAMETER, 460V 581	9	EA	6,110.36	EA	54,993.24
INV # 17271-IN 8/5/15				
APPLICATION: 316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS: 60 HZ AC, 3 PHASE, DELTA, 4 WIRES (L1, L2, L3 WITH GROUND CONNECTION) NEMA MOTOR, 3450 RPM, MOTOR DIAMETER: 6 INCH MAXIMUM, NO. OF MOTOR LEADS: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460V +- 10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINOUS, INSULATION CLASS: CLASS F OR BETTER, POWER FACTOR: 0.85 OR HIGHER, ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER, DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED SNF ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF 0INSTALLATION, NOTES: MOTORS MUST BE NEW AND MANUFACTURED IN THE UNITED STATES, REFURBISHED MOTORS ARE NOT ACCEPTABLE, MOTORS MUST BE ABLE TO OPERATE IN A VARIABLE SPEED MODE OPERATION (I.E; USING VARIABLE FREQUENCY DRIVE) MOTOR, SUBMERSIBLE 50 HP FRANKLIN, 6"DIAMETER,460VOLTS 1468	9	EA	5,332.76	EA	47,994.84
INV# 17271-IN 8/5/15				

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $

ACKNOWLEDGED BY: DATE: 06.09.15
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: 6/6/15

Mark G. Miller - General Manager, Interim
NAME TITLE

RECEIVING REPORT

PORDERJB

GUAM WATERWORKS AUTHORITY

1 : Page
3410 : S/O
06/05/15 : Date
FOB GWA : F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

298218-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
APPLICATION: 316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS: 60 HZ AC, 3 PHASE, DELTA, 4 WIRES (L1, L2, L3 WITH GROUND CONNECTION) NEMA MOTOR, 3450 RPM, MOTOR DIAMETER: 8 INCH MAXIMUM, NO. OF MOTOR LEADS: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460V +- 10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINOUS, INSULATION CLASS: CLASS F OR BETTER, POWER FACTOR: 0.85 OR HIGHER, ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER, DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED SNF ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF OINSTALLATION, NOTES. MOTORS MUST BE NEW AND MANUFACTURED IN THE UNITED STATES, REFURBISHED MOTORS ARE NOT ACCEPTABLE, MOTORS MUST BE ABLE TO OPERATE IN A VARIABLE SPEED MODE OPERATION (I.E; USING VARIABLE FREQUENCY DRIVE) *** FOR: INVENTORY/WATER/DEEPWELL/R. TOPASNA/K. GRAPES G.L: 500.151/ W269.105321.410003/ BOND 2013/ PW 09-08/ GL 500.105.301/ SL 513 109 08 A/ DEEPWELL PUMPS AND MOTORS CIP GPR: 3-202.02 DELIVERY: 10-12 WEEKS REF: IFB 2015-03 SUBMERSIBLE MOTORS AND PUMPS OQ# 259454/ OR# 26004 PETER *** NOTE: BIDDER MUST COMPLY WITH ALL SPECIAL PROVISIONS, GENERAL TERMS AND COMDITIONS AND SPECIALM TERMS AND CONDITIONS.				
MOTOR, SUBMERSIBLE 150 HP 2081	2	EA	19,393.95	EA 38,787.90
APPLICATION: 316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS: 60 HZ AC, 3 PHASE, DELTA, 4 WIRES (L1, L2, L3 WITH GROUND CONNECTION) NEMA MOTOR, 3450 RPM, MOTOR				

(1) INV # 17271-10 8/5/15

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $

ACKNOWLEDGED BY: _____ DATE: 06.09.15
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: _____

Mark G. Miller - General Manager, Interim
NAME TITLE

RECEIVING REPORT

PORDERJB

ORIGINAL

16/53

GUAM WATERWORKS AUTHORITY
3 : Page
3410: P/U
06/05/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298218-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:
JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:
GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
APPLICATION: 316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS: 60 HZ AC, 3 PHASE, DELTA, 4 WIRES (L1, L2, L3 WITH GROUND CONNECTION) NEMA MOTOR, 3450 RPM, MOTOR DIAMETER: 8 INCH MAXIMUM, NO. OF MOTOR LEADS: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460V +- 10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINOUS, INSULATION CLASS: CLASS F OR BETTER, POWER FACTOR: 0.85 OR HIGHER, ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER, DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED SNF ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF INSTALLATION, NOTES: MOTORS MUST BE NEW AND MANUFACTURED IN THE UNITED STATES, REFURBISHED MOTORS ARE NOT ACCEPTABLE, MOTORS MUST BE ABLE TO OPERATE IN A VARIABLE SPEED MODE OPERATION (I.E; USING VARIABLE FREQUENCY DRIVE) MOTOR, SUBMERSIBLE 40 HP 1396	6 ~~EA~~	EA	4,023.70	24,142.20

INV # 17271-IN
8/5/15

"ACKNOWLEDGED RECEIPT OF ITEMS/SERVICES RENDERED CONFORMED TO"
AUG 05 2015
Signature Designated Receiving Officer

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL- $ 165,918.18

ACKNOWLEDGED BY: _____ DATE: 06.09.15
SIGNATURE OF VENDOR 8.5.15

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: _____ 6/6/15
Mark G. Miller - General Manager, Interim
TITLE

RECEIVING REPORT 17/23

GUAM WATERWORKS AUTHORITY

1 : Page
3410: S/U
07/14/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298345-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
TDH, 3" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60 HZ, (NOTE: TO BE USED ON 40 H.P. SUBMERSIBLE MOTOR) FRANKLIN AND GRUNFROS PUMPS, 316 STAINLESS STEEL CONSTRUCTION WITH BUILT-IN CHECK VALVE, SUBMERSIBLE WELL PUMP WET-END MOTOR *** FOR: INVENTORY/WATER/DEEPWELL/K. GRAPE/R. TOPASNA G.L: 500.151/ W269.105321.410003/ PW 09-08/ MECHANICAL ELECTRICAL/ BOND 2013/ DEEPWELL PUMP AND MOTOR SPARE PARTS/ DELIVERY: 45-60 DAYS REF: IFB 2015-03 SUBMERSIBLE PUMPS/MOTORS GPR: 3-202.02 OQ#25999/ OR# 26023 PETER					
PUMP SUBMERSIBLE 175SR40F66-1463 6"X14 STAGES 175GPM @655' 60417	2	EA	2,714.46	EA	5,428.92
TDH, 3" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60 HZ, (NOTE: TO BE USED ON 40 H.P. SUBMERSIBLE MOTOR) FRANKLIN AND GRUNFROS PUMPS, 316 STAINLESS STEEL CONSTRUCTION WITH BUILT-IN CHECK VALVE, SUBMERSIBLE WELL PUMP WET-END MOTOR					
PUMP SUBMERSIBLE 250SR40F66-1463 6"X14 STAGES 250GPM @550' 60425	2	EA	2,349.56	EA	4,699.12
TDH, 4" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60 HZ, (NOTE: TO BE USED ON 50 H.P. SUBMERSIBLE MOTOR) FRANKLIN AND GRUNFROS PUMPS, 316 STAINLESS STEEL CONSTRUCTION WITH BUILT-IN CHECK VALVE, SUBMERSIBLE WELL PUMP WET-END MOTOR					
PUMP SUBMERSIBLE 325SR-50F66-1364 6"X13 STAGE 325GPM@ 490' 60433	1	EA	2,552.42	EA	2,552.42
TDH, 4" NPT DISCHARGE, 6" DIAMETER, 3450 RPM, 60 HZ, (NOTE: TO BE USED ON 60 H.P. SUBMERSIBLE MOTOR)					
NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"					

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

TOTAL

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

$

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Mark G. Miller - General Manager, Interim
NAME TITLE

GUAM WATERWORKS AUTHORITY

2 : Page
3410: B/U
07/14/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298345-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2015

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
FRANKLIN AND GRUNFROS PUMPS, 316 STAINLESS STEEL CONSTRUCTION WITH BUILT-IN CHECK VALVE, SUBMERSIBLE WELL PUMP WET-END MOTOR PUMP SUBMERSIBLE 175SR50F66-1863 6"X18 STAGE 175GPM@840' 60839 TDH, 6" NPT DISCHARGE, 8" DIAMETER, 3450 RPM, 60 HZ, (NOTE: TO BE USED ON 40 H.P. SUBMERSIBLE MOTOR)	1	EA	3,319.40	EA	3,319.40
FRANKLIN AND GRUNFROS PUMPS, 316 STAINLESS STEEL CONSTRUCTION WITH BUILT-IN CHECK VALVE, SUBMERSIBLE WELL PUMP WET-END MOTOR PUMP SUBMERSIBLE 800S-1000 8" X4A STAGE 800 GPM @ 380' 60450	1	EA	5,462.38	EA	5,462.38

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 21,462.24

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: [signature] 7/16/15

Mark G. Miller - General Manager, Interim
NAME TITLE

01 23 15 p.m. 03-31-2015 | 3 | 6716493750

6716493750 GWA Procurement Supply 01:23:15 p.m. 03-31-2015 3/3

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

Dated this 31ST day of March 2015.

By JEFFREY PAESTE
Title Operations Manager

******* END OF NOTICE OF AWARD *******

16716494835 JMI-Edison Industrial 05:35:51 p.m. 06-04-2015 1/2

16 01 05 a m 06-04-2015 | 1 | 6716493750

6716493750 GWA Procurement Supply 09:52:55 a.m. 06-04-2015 1/2

GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913
Tel: (671) 300-6026/27 Fax: (671) 649-3750

APR 17 2015

NOTICE TO PROCEED

JMI Edison
125 North Marine Drive
P.O. Box 6577
Tamuning, Guam 96931

Telephone: 646-6400
Facsimile: 649-4835

Project No: GWA IFB 2015-03
Project Name: Submersible Motors, Pumps, and Pump & Motor

Dear Mr. Jeff Paeste,

You are hereby notified to commence work in accordance with the contract dated 31 day of March, 2015. This letter constitutes your official Notice to Proceed (NTP) for the above referenced bid.

Sincerely,

Vince Guerrero, CPM
Supply Management Adm.

16716494835 JMI-Edison Industrial 05:36:02 p.m. 06-04-2015 2 /2

10 01 05 a.m. 06-04-2015 | 7 | 6716493750

6716493750 GWA Procurement Supply 09:53:06 a.m. 06-04-2015 2 /2

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor.

ACCEPTANCE OF NOTICE

Receipt of the above Notice to Proceed is hereby acknowledged this 4TH day of June, 2015.

Contractor: JMI EDISON

Print Name & Title: Jeffrey Pineda, Operations Manager

Signature:

16716493750 GWA Procurement Supply 10:15:47 a.m. 11-23-2015 1/4

GUAM WATERWORKS AUTHORITY
1 : Page
3410: B/U
11/19/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

NO. 298695-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

RECEIVED TSC 2/11/16

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
316SS SUBMERSIBLE MOTOR FOR DEEP WATER WELL APPLICATIONS 60 HZ AC, 3 PHASE, DELTA, 4 WIRE (L1, L2, L3 WITH GROUND CONNECTION) NEMA MOTOR, SPEED (RPM): 3450 RPM, 6 INCH MAX. (LESS THAN 75 H.P), NO. OF MOTOR LEADS: 3 WIRES WITH GROUND, INPUT VOLTAGE (V): 460 V +-10%, SERVICE FACTOR: 1.15, DUTY CYCLE: CONTINUOUS, INSULATION CLASS: CLASS F OR BETTER, ENCLOSURE: IP68, THERMAL PROTECTION: EQUIPPED WITH SUBTROL HEAT SENSOR, AMBIENT TEMP: 40 DEGREE C OR HIGHER. DATE CODE: MANUFACTURED 2 YEARS OR LESS FROM DATE OF SHIPMENT, CERTIFICATION: UL LISTED AND ANSI/NSF 61, WARRANTY: 1 YEAR FROM DATE OF INSTALLATION *** FOR: INVENTORY/WATER/DEEPWELL/K. GRAPE/R. TOPASNA G.L: 500.151/ W269.105321.410003 DELIVERY: 45-60 DAYS GPR: 3-204.04 REF: GWA IFB 2015-03 SUBMERSIBLE PUMPS AND MOTORS OQ# 26832/ OR# 26604 PETER					
MOTOR, SUBMERSIBLE 50 HP FRANKLIN, 6"DIAMETER,460VOLTS 1468 TDH, 3" NPT DISCHARGE, 6" DIAMETER	3	EA	5,332.76	EA	15,998.28
PUMP SUBMERSIBLE 175SR40F66- 1463 6"X14 STAGES 175GPM @655' 60273 TDH, 3" NPT DISCHARGE, 6" DISCHARGE	2	EA	2,714.46	EA	5,428.92
PUMP SUBMERSIBLE 175SR50F66- 1863 6"X18 STAGE 175GPM@840' 60468 TDH, 3" NPT DISCHARGE, 6" DIAMETER	1	EA	3,253.38	EA	3,253.38
PUMP SUBMERSIBLE 250SR50F66- 1563 6"X15 STAGES 250GPM @590' 60265 TDH, 4" NPT DISCHARGE, 8" DIAMETER	1	EA	2,327.96	EA	2,327.96

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS GREEN if your total cost exceeds this total. >>

TOTAL $

ACKNOWLEDGED BY: _____ DATE: 02.25.16
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Greg P. Cruz - Acting General Manager
NAME TITLE

RECEIVING REPORT

6716493750 GWA Procurement Supply 10:16:07 a.m. 11-23-2015 2/4

GUAM WATERWORKS AUTHORITY

2 : Page
3410: P/O
11/19/15: Date
FOB GWA, F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298695-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

RECEIVED TGC 8/11/14

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
PUMP SUBMERSIBLE 400SR100F86-1384 8"X13 STAGE 400GPM@850' 60476	1	EA	5,418.10 EA	5,418.10

S/N 11L7030-0005

INV # 18232 IN

02/23/16

ACKNOWLEDGED RECEIPT OF THE ITEMS/SERVICES RENDERED AS LISTED

FEB 25 2016

Signature of Authorized GWA PROS Official

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 32,426.64

ACKNOWLEDGED BY: DATE: 11/23/15
SIGNATURE OF VENDOR 02.25.16

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: 11.21.15

Greg P. Cruz - Acting General Manager
NAME TITLE

RECEIVING REPORT

GUAM WATERWORKS AUTHORITY

2 : Page
3410: S/U
12/17/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298783-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
from date of installation. note: motors must be new and manufactured in the United States, refurbished motors are not acceptable, motors must be able to operate in a variable speed mode operation.					
MOTOR, SUBMERSIBLE 50 HP FRANKLIN, 6"DIAMETER,460VOLTS 1468	7	EA	5,332.76	EA	37,329.32
tdh, 3" npt discharge, 6" diameter, model no: 175sr40f66- 1663, 3450 rpm, 60 hz, (note: to be used on 40 h.p. submersible motor.					
PUMP SUBMERSIBLE 175SR40F66- 1463 6"X14 STAGES 175GPM @655' 60273	8	EA	2,714.46	EA	21,715.68
tdh, 3" npt discharge, 6" diameter, model no: 250sr50f66- 1563, 3450 rpm, 60 hz, (note: to be used on 50 h.p. submersible motor.					
PUMP SUBMERSIBLE 250SR50F66- 1563 6"X15 STAGES 250GPM @590' 60265	3	EA	2,327.96	EA	6,983.88
tdh, 3" npt discharge, 6" diameter, model no: 250sr40f66- 1263, 3450 rpm, 60hz, (note: to be used on 40 h.p. submersible motor)					
PUMP SUBMERSIBLE 250SR40F66- 1263 6"X12 STAGES 250GPM @475' 61321	3	EA	1,937.27	EA	5,811.81
tdh, 4" npt discharge, 8" diameter, model no: 400sr100f86- 1384, 3450 rpm, 60hz, (note: to be used on 100 h.p. submersible motor)					
PUMP SUBMERSIBLE 400SR100F86- 1384 8"X13 STAGE 400GPM@850' 60476	1	EA	5,418.10	EA	5,418.10
tdh, 6" npt discharge, 8" diameter, model no: 475sr100f86- 1186, 3450 rpm, 60hz, (note: to be used on 100 h.p. submersible motor)					
PUMP SUBMERSIBLE 475SR100F86- 1186 8"X11 STAGE 475GPM@705'	2	EA	5,426.50	EA	10,853.00
NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"					

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Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 88,111.79

ACKNOWLEDGED BY: _____ DATE: 02/18/16
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: _____ 12-29-15

Greg P. Cruz - Acting General Manager
NAME TITLE

ACKNOWLEDGEMENT COPY

GUAM WATERWORKS AUTHORITY

1 : Page
3410: B/U
12/17/15: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 298783-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT

CONDITIONS
GPR: 3-204.02
Requested by: Inventory/Water/Deepwell/K. Grape
Authorized Personnel: Geronimo Cabuhat or James Mantanona
Reference: IFB 2015-03 Submersible Motors/Pumps
Business Unit: 6812
G/L Accounting No: 500.151/ W287.105321.410003
Funding Source: Cal/subledger: 3110502 A
OQ# 27066/ OR# 26791
Buyer: Peter
*
IMPORTANT NOTICE TO VENDORS
" All invoices must indicate P.O. Number for payment
" All invoices must indicate on the invoice the Employee's Name, Badge Number that must be signed and printed clearly
" Submit signed & dated P.O. acknowledgement with invoice
" GWA will not be liable for any unauthorized material that are not listed in the Purchase Order - only the materials listed on the Purchase Order will be paid by GWA.
" Only the authorized names listed on the Purchase Order are allowed to transact. Unauthorized person(s) will not be honored by GWA
*
SPECIFICATIONS (ARTICLES OR SERVICES):
Application: 316ss submersible motor for deepwater well applications, 60hz, 3 phase, delta, 4-wire (L1,L2,L3 W/ ground connection, nema motor, speed (rpm) 3450 rpm, motor diameter: 6 inch maximum (less than 75 hp), no. of leads: 3 wires with ground, input voltage (v): 460v +- 10%, service factor: 1.15, duty cycle: continuous, insulation class: class f of better, power factor: 0.85 or higher, enclosure: ip68, thermal protection: equipped with subtrol heat sensor, ambient temp: 40 degree celius or higher, date code: manufactured 2 years or less from date of shipment, certification: ul listed and ansi/nsf 61, warranty: 1 year

NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
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Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $

ACKNOWLEDGED BY: _____ DATE: 02/18/16
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Greg P. Cruz - Acting General Manager
NAME TITLE

ACKNOWLEDGEMENT COPY

GUAM WATERWORKS AUTHORITY

1 : Page
3410, B/O
05/23/16, Date
FOB GWA, F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 299504-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
CONDITIONS					
GPR 3-204.02.3					
Requested by: Karen O.					
Authorized Personnel: Ron T.					
Business Unit: 3410					
G/L Account No.500.151 / W291.105321.410003 / GL 500.103.301					
Funding Source (CIP Funded) PW 09 02 Water Wells Bond 2013					
CQ# 27848 OR# 27496					
IMPORTANT NOTICE TO VENDORS:					
" All invoices must indicate P.O. Number for payment					
" All invoices must indicate on the invoice the Employee's name, Badge Number that must be signed and printed clearly					
" Submit signed & dated P.O. acknowledgement with invoice					
" GWA will not be liable for any unauthorized materials that are not listed in the Purchase Order - only the materials listed on the Purchase Order will be paid by GWA.					
" Only the authorized names listed on the Purchase Order are allowed to transact. Unauthorized person(s) will not be honored by GWA.					
SPECIFICATIONS (ARTICLES OR SERVICES):					
REFERENCE: IFB 2015-03 SUB. MOTORS,PUMPS, & PUMP & MOTOR					
* Note: Bidder must comply with all terms and conditions and Special provisions to this bid.					
** IMPORTANT NOTE TO WAREHOUSE: KINDLY CHARGE ALL ISSUANCES TO WORK ORDER NO 11857052					
MOTOR, SUBMERSIBLE 125 HP LINE ITEM 1.1 I 1193	3	EA	16,179.37	EA	48,538.11
MOTOR, SUBMERSIBLE 50 HP LINE 1.1 E 1468	10	EA	5,332.76	EA	53,327.60
NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"					

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL A $

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Miguel C. Bordallo, P.E. General Manager
NAME TITLE

POMIGUEL

GUAM WATERWORKS AUTHORITY

2 : Page
3410: B/U
05/23/16: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 299504-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
MOTOR, SUBMERSIBLE 150 HP LINE ITEM 1.1 J 2081	3	EA	19,393.95	EA	58,181.85

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 160,047.56

SIGNATURE: 5.27.16

Miguel C. Bordallo, P.E. General Manager
NAME TITLE

ORIGINAL

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

POMIGUEL

GUAM WATERWORKS AUTHORITY

1 : Page
3410: B/U
06/15/16: Date
FOB GWA, F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 299589-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
CONDITIONS GPR 3-204.02.3 Requested by: Karen G. Authorized Personnel: Albert Perez / Karen G. Business Unit: 3410 G/L Account No. 500.151 / W291.105321.410003/GL 500.103.301 Funding Source (PW 09 02 Water Wells Bond 2013/IFB 2015-03 OQ# 27794 OR# 27607 - IMPORTANT NOTICE TO VENDORS: " All invoices must indicate P.O. Number for payment " All invoices must indicate on the invoice the Employee's name, Badge Number that must be signed and printed clearly " Submit signed & dated P.O. acknowledgement with invoice " GWA will not be liable for any unauthorized materials that are not listed in the Purchase Order - only the materials listed on the Purchase Order will be paid by GWA. " Only the authorized names listed on the Purchase Order are allowed to transact. Unauthorized person(s) will not be honored by GWA. - SPECIFICATIONS (ARTICLES OR SERVICES): - REFERENCE: IFB 2015-03 Sub Motors, Pumps and Pump & Motor - * Note: Bidder must comply with all terms and conditions and Special provisions to this bid.					
PUMP SUBMERSIBLE 800S-1000-4A GRUNFROS 800GPM @ 358'TDH 58034	1	EA	5,462.38	EA	5,462.38
PUMP SUBMERSIBLE 250SR50F66-1863 6"X18 STAGES 250GPM @685' 60249	1	EA	2,942.51	EA	2,942.51
PUMP SUBMERSIBLE 250SR50F66-1563 6"X15 STAGES 250GPM @590' 60265	7	EA	2,327.96	EA	16,295.72
NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"					

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

TOTAL
DO NOT FILL THIS ORDER if your total cost exceeds this total. >> A $

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

SIGNATURE:

Miguel C. Bordallo, P.E. General Manager
NAME TITLE

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

ACKNOWLEDGEMENT COPY

POMIGUEL

GUAM WATERWORKS AUTHORITY

2 : Page
3410: s/v
06/15/16: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 299589-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
PUMP SUBMERSIBLE 175SR40F66-1463 6"X14 STAGES 175GPM @655' 60273	10	EA	2,714.46	EA	27,144.60
PUMP SUBMERSIBLE 625S-1500-7 8"X7 STAGES 625GPM @ 725' TDH 60281	1	EA	9,468.84	EA	9,468.84
PUMP SUBMERSIBLE 625S-1500-7A 8"X14 STAGES 625GPM @ 690' TDH 60290	2	EA	9,468.84	EA	18,937.68
PUMP SUBMERSIBLE 250SR40F66-1463 6"X14 STAGES 250GPM @550' 60425	3	EA	2,349.56	EA	7,048.68
PUMP SUBMERSIBLE 325SR-50F66-1364 6"X13 STAGE 325GPM@ 490' 60433	1	EA	2,552.42	EA	2,552.42
PUMP SUBMERSIBLE 400SR100F86-1384 8"X13 STAGE 400GPM@850' 60476	1	EA	5,418.10	EA	5,418.10
PUMP SUBMERSIBLE 475SR100F86-1186 8"X11 STAGE 475GPM@705' 60847	1	EA	5,426.50	EA	5,426.50
PUMP SUBMERSIBLE 250SR40F66-1263 6"X12 STAGES 250GPM @475' 61321	2	EA	1,937.27	EA	3,874.54
PUMP SUBMERSIBLE 250SR60F66-2063 6"X20 STAGES 250GPM @760' 63087	1	EA	3,223.97	EA	3,223.97
PUMP SUBMERSIBLE 325SR25F66-0763 6"X7 STAGES 325GPM @260' 63095	1	EA	1,541.17	EA	1,541.17
PUMP SUBMERSIBLE 325SR40F66-0964 6"X9 STAGES 325GPM @345' 63108	1	EA	1,842.45	EA	1,842.45
PUMP SUBMERSIBLE 325SR40F66-1164 6"X11 STAGES 325GPM @405' 63116	1	EA	2,236.14	EA	2,236.14

NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

SPECIAL INSTRUCTIONS TO VENDOR:
Send certified original and three (3) copies of invoice to Guam Waterworks Authority, Government of Guam, at the address shown above.

Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL A $

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Miguel C. Bordallo, P.E. General Manager
NAME TITLE

POMIGUEL

ACKNOWLEDGEMENT COPY

GUAM WATERWORKS AUTHORITY

3 : Page
3410: B/U
06/15/16: Date
FOB GWA: F.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 299589-000 OP

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Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2016

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
PUMP SUBMERSIBLE 325SR60F66-1864 6"X18 STAGES 325GPM @655' 63124	2	EA	3,319.40	EA	6,638.80
PUMP SUBMERSIBLE 400SR75F86-1084 8"X10 STAGES 400GPM @650' 63141	2	EA	4,736.93	EA	9,473.86
PUMP SUBMERSIBLE 475SR125F86 63183	2	EA	6,226.49	EA	12,452.98

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

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SEE BACK FOR TERMS AND CONDITIONS

DO NOT FILL THIS CHECK if your total cost exceeds this total. >>

TOTAL $ 141,981.34

ACKNOWLEDGED BY: _____ DATE: 6/21/16
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: 6-17-16

Miguel C. Bordallo, P.E. General Manager
TITLE

ACKNOWLEDGEMENT COPY

FORMGLW1

16716494835 JMI-Edison Industrial 09:00:49 a.m. 11-23-2016 1/2

05:56:53 a.m. 11-22-2016 | 3 | 6716493750

6716493750 GWA Procurement Supply 06:54:46 a.m. 11-22-2016 3/4

GUAM WATERWORKS AUTHORITY

1 : Page
3410: S/O
11/14/16: Date
FOB GWA, P.O.B.

PURCHASE ORDER
GUAM WATERWORKS AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 300204-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 16-124 / PL 21-148			09/30/2017

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE		AMOUNT
CONDITIONS:					
GPR- 2GAR 3109 Competitive Sealed Bidding					
Requested by: Karen Grape / Ron Topasna					
Authorized Personnel: Warehouse Personnel					
Business Unit: 6812					
G/L Account No. W298.105321.410003					
Funding Source (Revenue Funded)					
OQ# 29495 / OR# 29307					
Buyer: Tony Camacho #962					
*					
IMPORTANT NOTICE TO VENDORS					
* All invoices must indicate P.O. Number for payment					
* All invoices must indicate on the invoice the Employee's					
* Name, Badge Number that must be signed and printed clearly					
* Submit signed and dated P.O. acknowledgement with invoice					
* GWA will not be liable for any unauthorized services that are not listed in the Purchase Order - only the services listed on the Purchase Order will be paid by GWA.					
* Only the authorized names listed on the Purchase Order are allowed to transact. Unauthorized person(s) will not be honored by GWA.					
*					
SPECIFICATIONS (ARTICLES OR SERVICES):					
*					
Ref: GWA IFB-2015-03					
Submersible Motors, Pumps and Pump and Motors.					
PUMP SUBMERSIBLE 250SR50F66- 1563 6"X15 STAGES 250GPM @590' 60265	2	EA	2,327.96	EA	4,655.92
PUMP SUBMERSIBLE 325SR-50F66- 1364 6"X13 STAGE 325GPM@ 490' 60433	3	EA	2,552.42	EA	7,657.26
PUMP SUBMERSIBLE 175SR50F66- 1863 6"X18 STAGE 175GPM@840' 60468	2	EA	3,253.38	EA	6,506.76
NOTE:"SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"					

SPECIAL INSTRUCTIONS TO VENDOR:
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Payment upon receipt of merchandise in Guam in good condition.

SEE BACK FOR TERMS AND CONDITIONS

TOTAL
DO NOT FILL THIS BLOCK if your total cost exceeds this total, as

$

ACKNOWLEDGED BY: _____ DATE: _____
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE:

Miguel C. Bordallo, P.E. General Manager
NAME TITLE

ACKNOWLEDGEMENT COPY

16716494835 JMI-Edison Industrial 09:01:12 a.m. 11-23-2016 2/2

06:58:53 a.m. 11-22-2016 | 4 | 6716493750

6716493750 GWA Procurement Supply 06:55:48 a.m. 11-22-2016 4/4

GUAM WATERWORKS AUTHORITY

2 : Page
3410 : S/U
11/14/16 : Date
FOB GWA, F.O.B.

PURCHASE ORDER
GUAM WATERWORKS' AUTHORITY

P.O. Box 3010, Hagatna, Guam 96932
PHONE: (671) 647-7818 FAX: (671) 649-3750

No. 300204-000 OP

THIS PURCHASE ORDER MUST APPEAR ON ALL INVOICES PACKING SLIPS, PACKAGES, B/L CORRESPONDENCE, ETC.

Payment Terms: Net 30 Days

VENDOR:

JMI EDISON
P.O. BOX 6577
TAMUNING GU 96931

SHIP TO:

GUAM WATERWORKS AUTHORITY
578 N. Marine Corps. Dr.
ATTENTION: P & S WAREHOUSE
Tamuning GU 96913

AUTHORITY	IFB / REFERENCE	TIME FOR DELIVERY	EXPIRATION
PL 18-124 / PL 21-148			09/30/2017

ARTICLES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
PUMP SUBMERSIBLE 400SR75F86-1084 8"X10 STAGES 400GPM @650' 63141	1	EA	4,736.93 EA	4,736.93

NOTE: "SUBJECT TO THE GUAM PROCUREMENT CODE AND ACCOMPANYING REGULATIONS"

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-SEE BACK FOR TERMS AND CONDITIONS-

DO NOT FILL THIS ORDER if your total cost exceeds this total. >>

TOTAL $ 23,556.87

ACKNOWLEDGED BY: _____ DATE: 11/23/16
SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION AT THE ABOVE ADDRESS

SIGNATURE: _____ 11/21/16

Miguel C. Bo[illegible] Procurement Manager
NAME TITLE

ACKNOWLEDGEMENT COPY

GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

TO: **Consolidated Commission on Utilities**

FROM: **General Manager**

DATE: **February 21, 2017**

SUBJECT: **General Manager's Report**

1. **System Capacity Recovery Plan:**
   - The Dededo Combustion Turbine 40 MW Plant is scheduled to be commissioned by March 31st, 2017. The plant commissioning will complete our capacity recovery plan effort.
   - Dededo CT 2 is undergoing testing and may be synchronized into the system this week for the first time in several years.
   - The following summarizes our current reserve capacity:

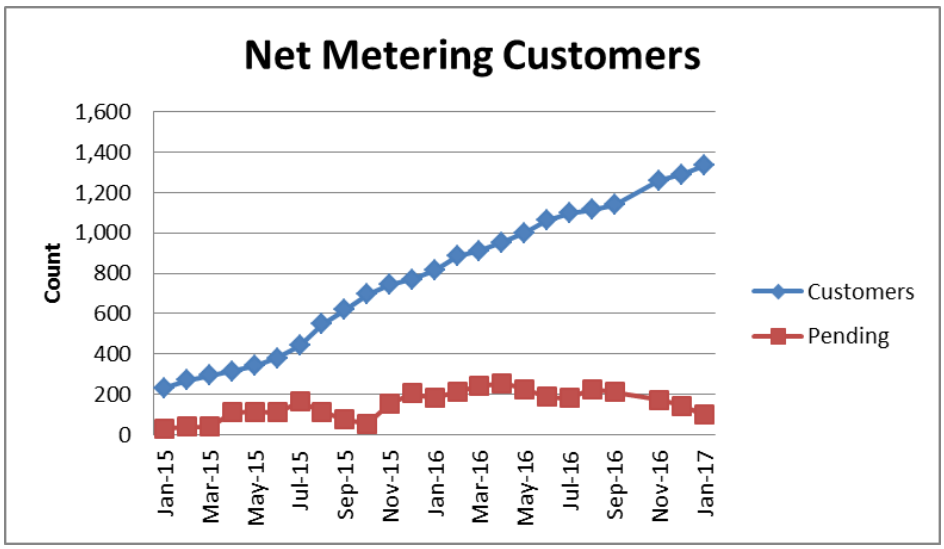
IWPS Reserve Capacity for February 2017

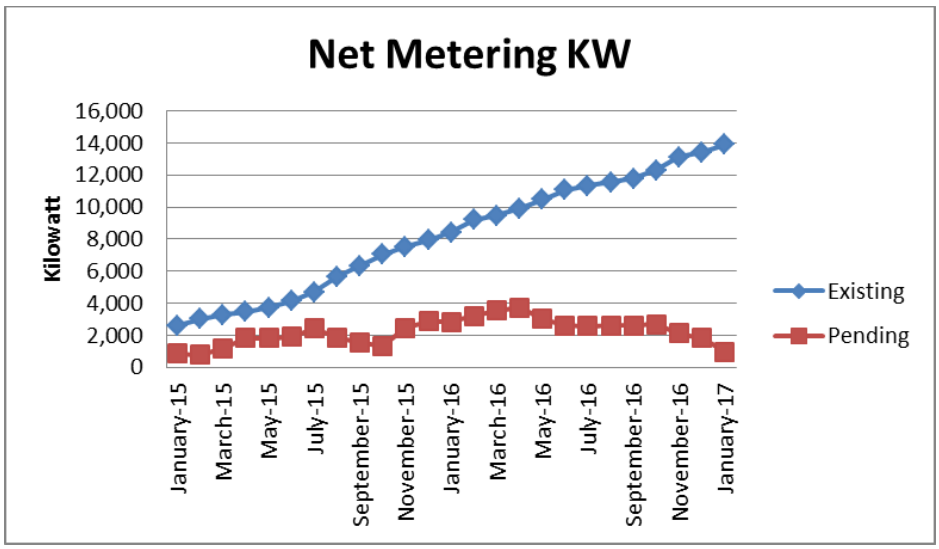
MW Capacity Available		355
Expected MW Peak Demand for February		235
Available MW Reserve Capacity		**120**

2. **Net Metering: Net Metering Summary Ending January 2017:**

Description:	**Count**	**Kw**
Active	**1,335**	**13,896**
Pending	98	988
Totals:	1,433	14,884

Service:	**Count**	**KW**	**Kw/Customer**
Residential	1,264	11,421	9.0
Others	71	2,475	34.9
Total:	1,335	13,896	10.4
% Residential	**94.7%**	**82.2%**	
Estimated 12 Months Revenue Impact:	**$2,589,400**		





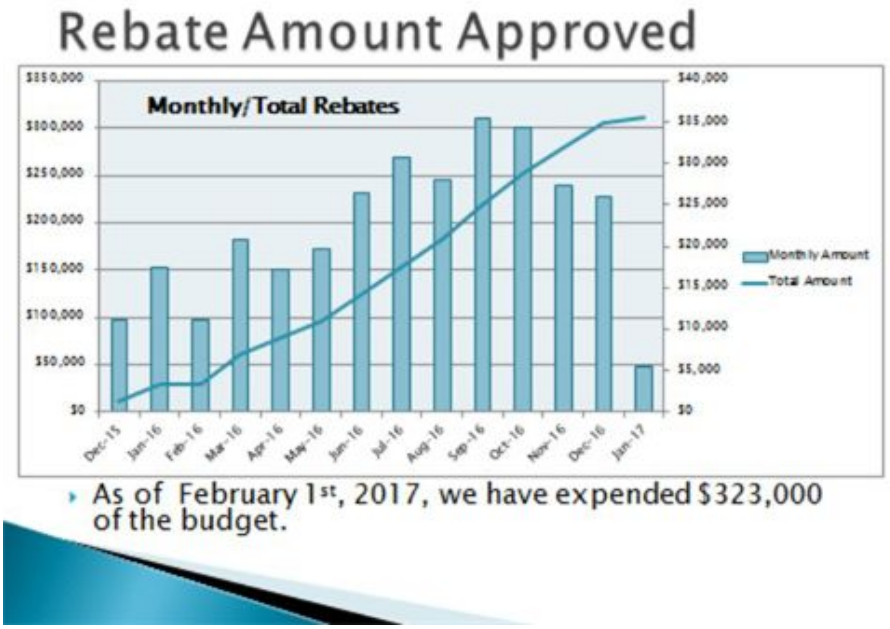
Island Renewable Energy Production Thru Jan 2017:

Energy Production Source:	**Kwh**
NRG Total Production beginning Oct 2015	69,296,866
Net Metering Estimated Production beginning Jan 2015	29,411,190
Wind Power Production beginning Jan 2016	541,307
Total Renewable Production	**99,249,362**

Fuel Oil Avoided Thru Jan 2017:

Estimated System Fossil Fuel Heat Rate Kwh/Gal	15.5
Total Fuel Oil Gallons Avoided	6,403,185
Total Fuel Oil Barrels Avoided	**152,457**

3. **DSM Program:** The following summarizes rebates thru February 1st 2017.

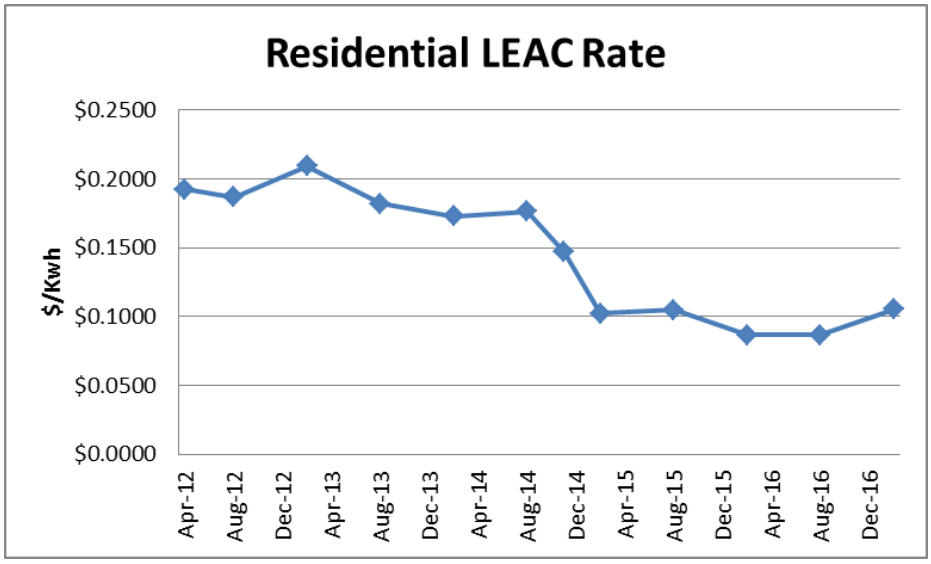


4. **Phase II Renewables Bid:**
   - Management continues the process of evaluating the low bids. The system impact study for the low bids has begun to insure bids have considered all infrastructure upgrades necessary to integrate their PV system into the grid.

5. **Renewable Portfolio Standard:**
   - In 2016 our actual RPS is 4.3%. The mandated target is to achieve 5% by the end of 2019. Please see the Attachment I.

6. **Public Commission on Utilities Dockets:**
   - The following dockets are on the PUC February 23rd agenda:
     - GPA Docket 15-16, Award of Energy Storage Contract.
     - GPA Docket 17-16, Korea East West Power contract Extension.
     - GPA Docket 17-18, Diesel Fuel Procurement for Baseload and Peaking Plants.
   - The PUC approved in their January meeting a LEAC increase to $0.105/Kwh which represents a 10.2% increase on a residential customer's bill. The monthly increase equates to $18.44 for 1,000 KWH of consumption.

- The following shows the movement of the LEAC rate over the past several years:

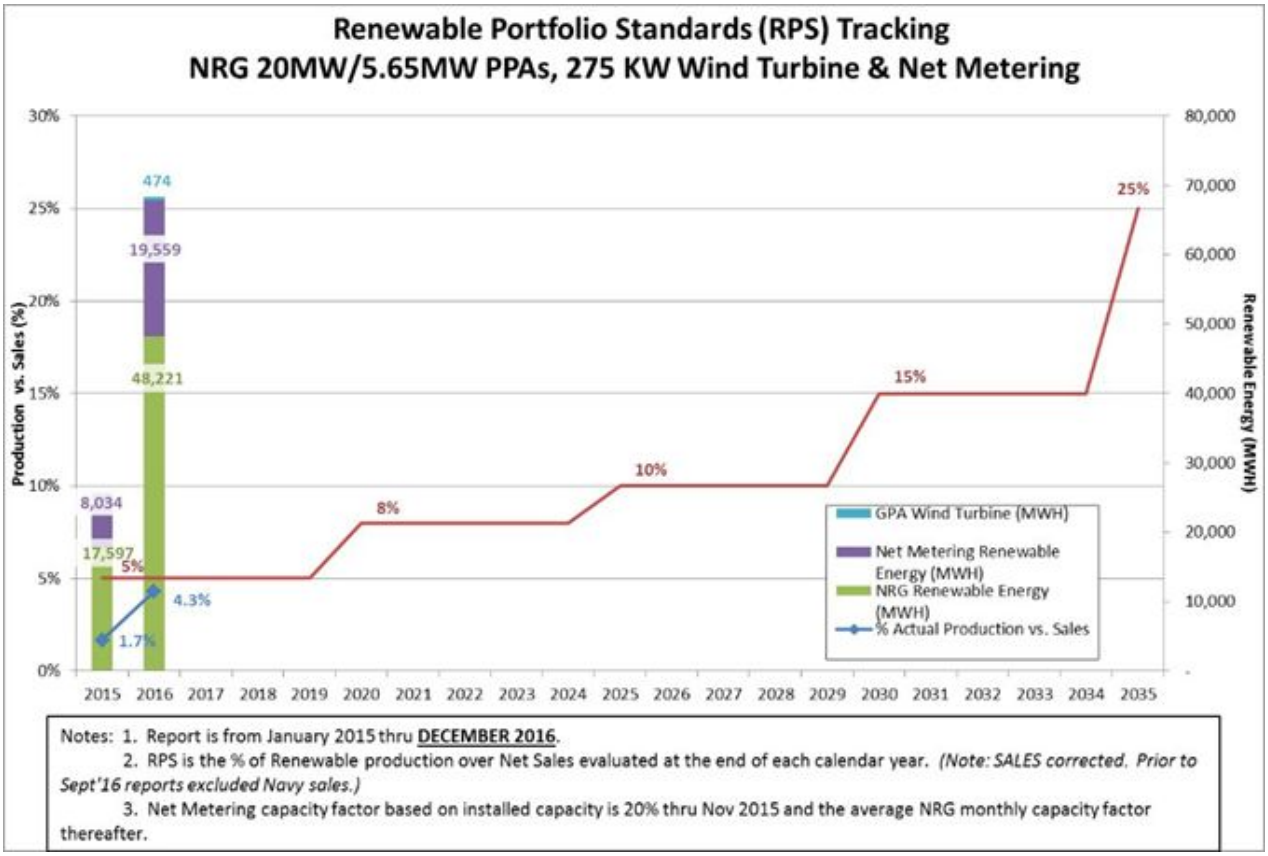


7. **Invest Guam Symposium 2017:**
   - February 22nd & 23rd at Dusit Thani Hotel
   - Symposium to provide an opportunity for bond investors to experience first-hand the assets they have invested in and to strengthen our existing relationships with Guam investor accounts.
   - *Revised Agenda is Attached*. Commissioners are welcomed to attend the welcoming reception between 5:30 pm – 9:00 pm at the Villa Azul, Dusit Thani.
   - General Manager and CFO to present on GPA 2:30 pm to 3:00 pm on the first day, Feb 22nd. Presentation would be similar to ones made to the credit rating agencies.

8. **Key Performance Indicators:** The following pages provide updated information thru January 2017.

John M. Benavente, P.E.

Attachment I



INVEST GUAM SYMPOSIUM REVISED PROGRAM SCHEDULE:



INVEST GUAM
SYMPOSIUM | 2017

AGENDA

WEDNESDAY, FEBRUARY 22, 2017

9:00 – 10:00 AM	**CHECK-IN**
10:00 – 10:30 AM	**WELCOME REMARKS** *Jay Rojas, Administrator, Guam Economic Development Authority*
10:30 – 11:00 AM	**GUAM'S GENERAL ECONOMY / GENERAL GOVERNMENT / BUSINESS PRIVILEGE TAX / SECTION 30 / DEPARTMENT OF DEFENSE (DOD)** *Jay Rojas, Administrator, Guam Economic Development Authority* *Christine Baleto, Director, Department of Administration* *Joey Calvo, Director, Bureau of Budget and Management and Research* *John Camacho, Director, Department of Revenue and Taxation* *Marie Benito, Deputy Director, Department of Revenue and Taxation*
11:00 – 11:30 AM	**TOURISM / HOT BOND CREDIT** *Nathan Denight, General Manager, Guam Visitors Bureau*
11:30 – 1:00 PM	**LUNCH**
	KEYNOTE ADDRESS *The Honorable Ray Tenorio, Acting Governor of Guam*
1:00 – 1:30 PM	**GUAM INTERNATIONAL AIRPORT AUTHORITY** *Charles Ada, General Manager, Guam International Airport Authority* *John Rios, Comptroller, Guam International Airport Authority*
1:30 – 2:00 PM	**PORT AUTHORITY GUAM** *Joanne Brown, General Manager, Port Authority of Guam*
2:00 – 2:30 PM	**NETWORKING BREAK**
2:30 – 3:00 PM	**GUAM POWER AUTHORITY** *John Benavente, General Manager, Guam Power Authority* *John Kim, Chief Financial Officer, Guam Power Authority*
3:00 – 3:30 PM	**GUAM WATERWORKS AUTHORITY** *Miguel Bordallo, General Manager, Guam Waterworks Authority* *Greg Cruz, Chief Financial Officer, Guam Waterworks Authority*
3:30 – 4:00 PM	**CLOSING REMARKS** *Jay Rojas, Administrator, Guam Economic Development Authority*
5:30 – 9:00 PM	**WELCOME RECEPTION AT THE VILLA AZUL, DUSIT THANI**

BARCLAYS citi GUAM ECONOMIC DEVELOPMENT AUTHORITY BANK OF GUAM THE PEOPLE'S BANK orrick

Jefferies MorganStanley RBC Capital Markets

THURSDAY, FEBRUARY 23, 2017

8:00 – 8:30 AM	BREAKFAST
8:30 – 9:00 AM	DEPARTMENT OF DEFENSE: MARINE BUILD-UP *Dan Turner, P.E., Capt., CEC, USN, Commanding Officer OICC Marine Corps Marianas*
9:00 AM	*DEPART DUSIT THANI HOTEL – Hotel Lobby, 1st Floor*
9:30 – 9:45 AM	GUAM POWER AUTHORITY – Dandan Solar Project
10:00 – 10:15 AM	GUAM WATERWORKS AUTHORITY – Agat Santa Rita Waste Water Treatment Plant
10:25 – 11:15 AM	NAVY BASE GUAM
11:30 – 11:45 AM	GUAM POWER AUTHORITY – Cabras Unit 1 and Unit 2
12:00 – 12:15 PM	PORT AUTHORITY GUAM
12:30 – 1:15 PM	LUNCH – Dusit Thani Hotel
2:00 – 3:00 PM	ANDERSEN AIR FORCE BASE
3:15 – 3:30 PM	GUAM POWER AUTHORITY / GUAM WATERWORKS AUTHORITY – Fadian Administration Building
4:00 – 5:00 PM	GUAM INTERNATIONAL AIRPORT AUTHORITY
6:00 PM	CONFERENCE DINNER – TBA

KEY CONTACTS

JAY ROJAS
GEDA Administrator
jay.rojas@investguam.com
671-788-3334

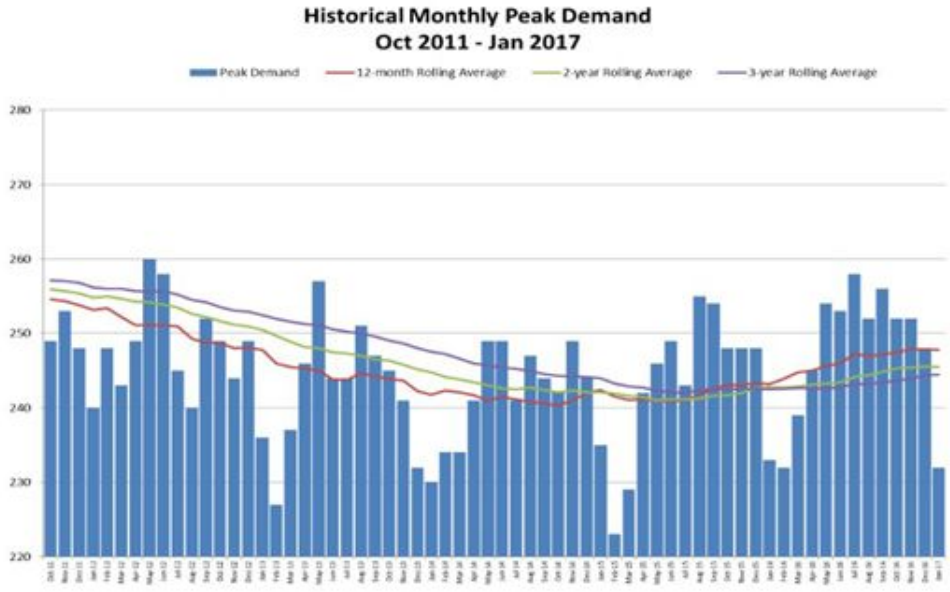
MANA SILVA TAIJERON
GEDA Deputy Administrator
mana.silvataijeron@investguam.com
671-688-3033

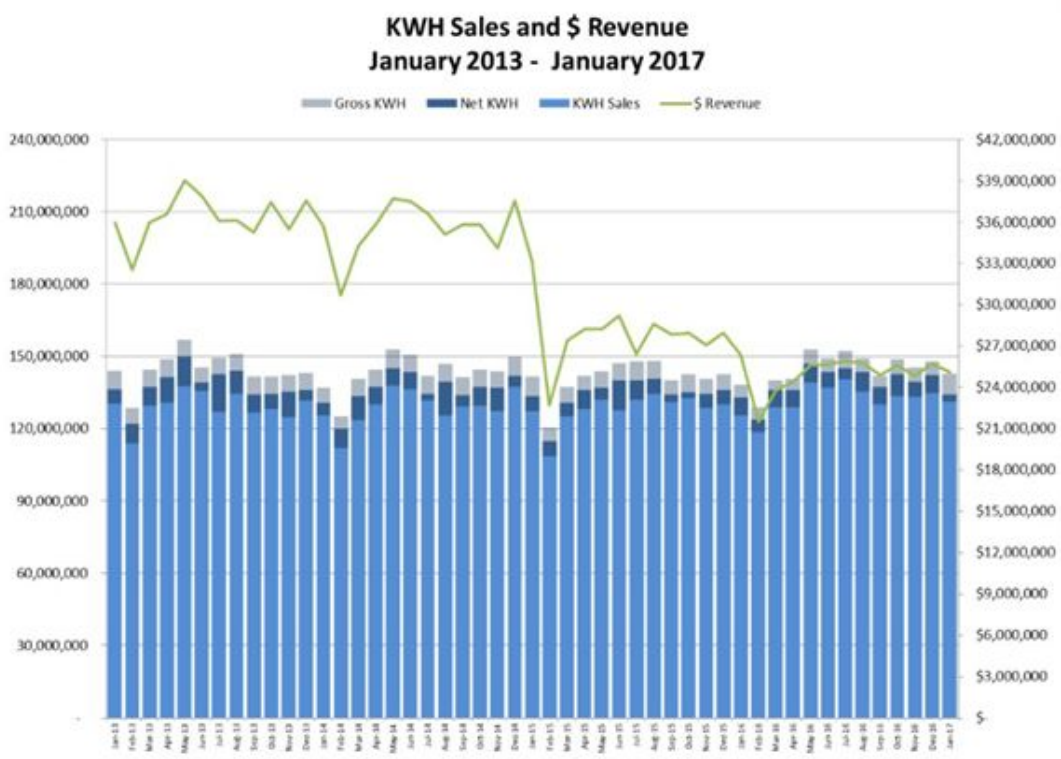
TINA GARCIA
GEDA Public Finance Manager
tina.garcia@investguam.com
671-482-5278

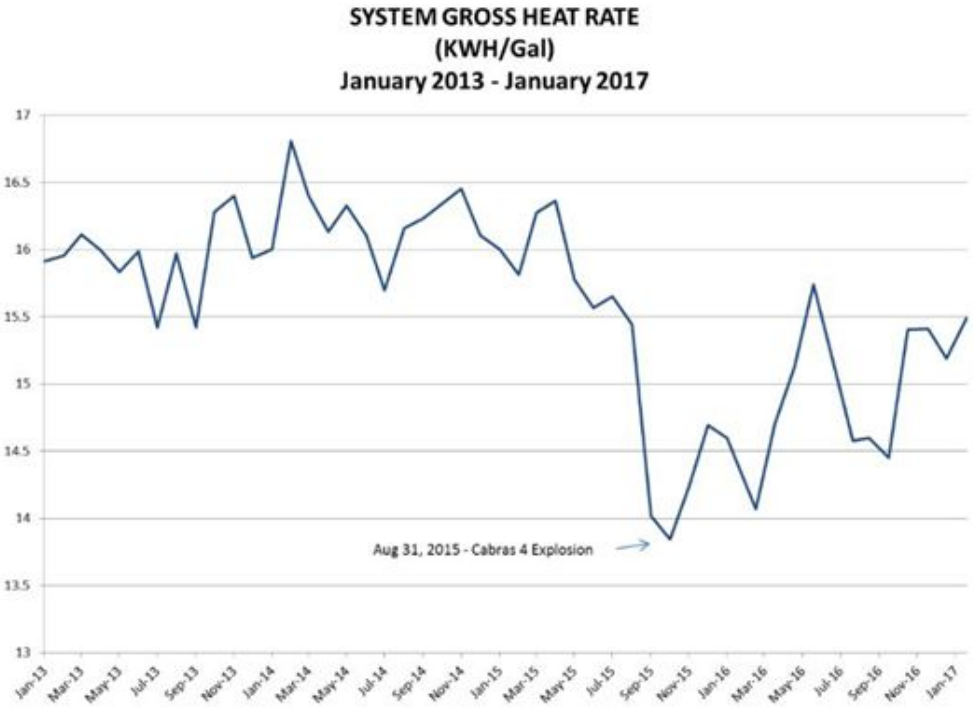
ANTOINETTE LEON GUERRERO
GEDA Public Finance Officer
antoinette.lg@investguam.com
671-686-0790

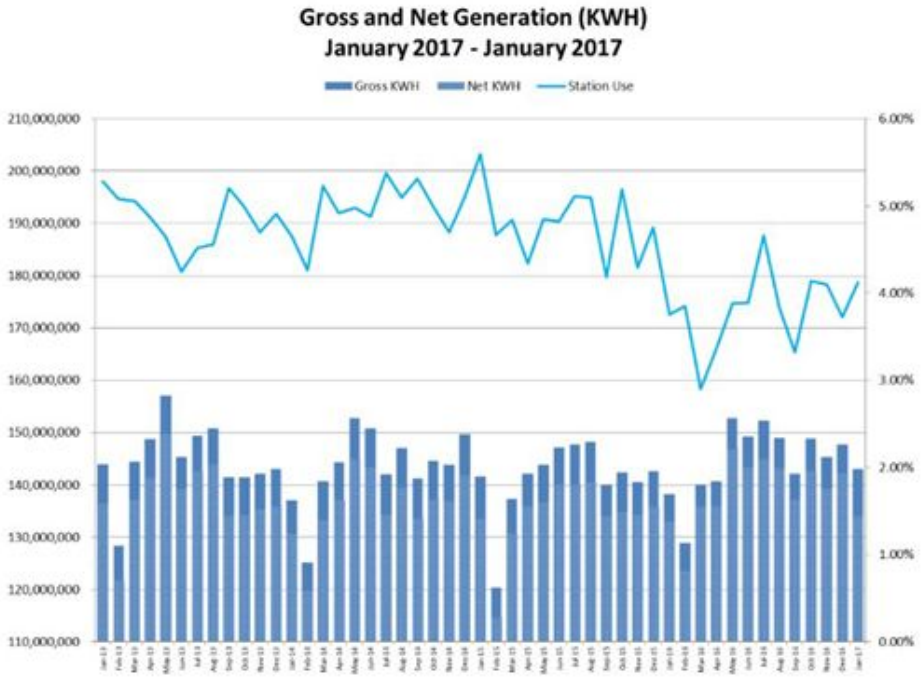
SYDNEY LEON GUERRERO
GEDA Public Finance Analyst
sydney.lg@investguam.com
671-688-7937

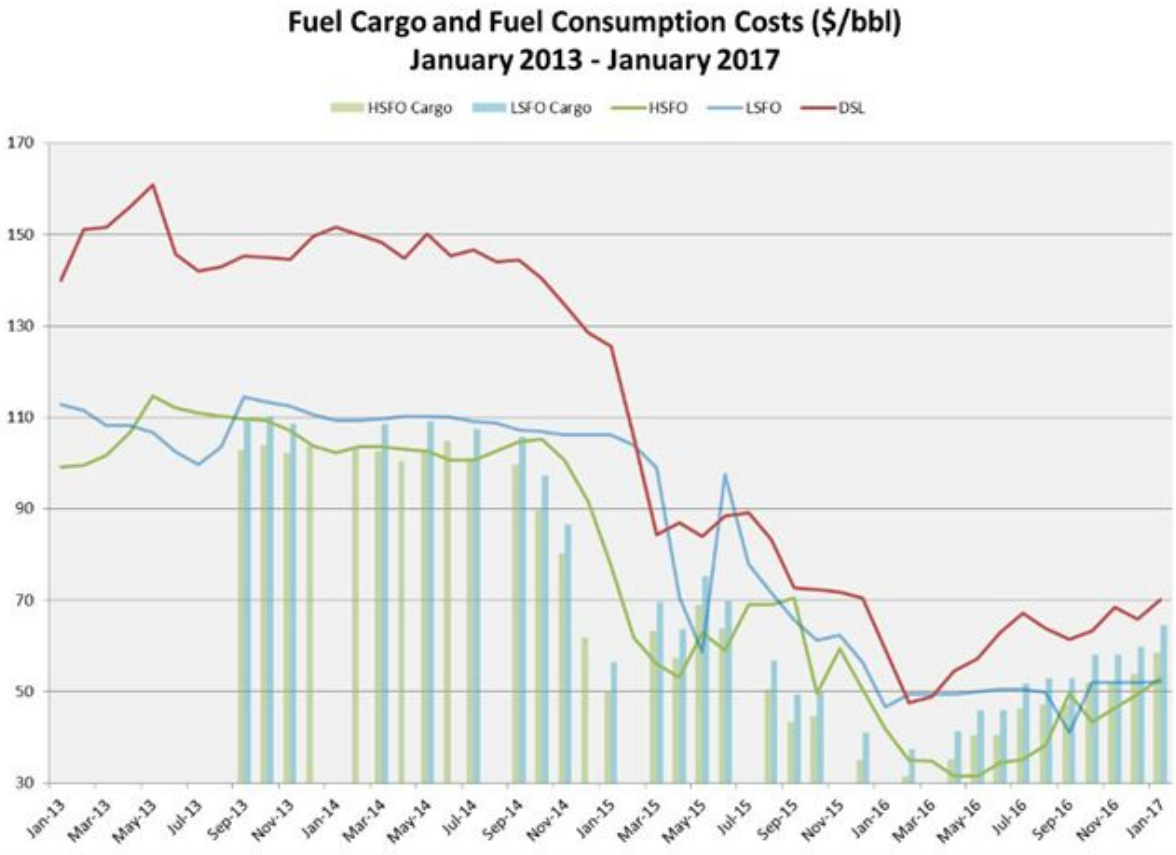
GENERATION UPDATES:




KWH Sales and $ Revenue
January 2013 - January 2017
Gross KWH
Net KWH
KWH Sales
$ Revenue
240,000,000
210,000,000
180,000,000
150,000,000
120,000,000
90,000,000
60,000,000
30,000,000
$42,000,000
$39,000,000
$36,000,000
$33,000,000
$30,000,000
$27,000,000
$24,000,000
$21,000,000
$18,000,000
$15,000,000
$12,000,000
$9,000,000
$6,000,000
$3,000,000
$


SYSTEM GROSS HEAT RATE
(KWH/Gal)
January 2013 - January 2017
17
16.5
16
15.5
15
14.5
14
13.5
13
Aug 31, 2015 - Cabras 4 Explosion
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15
Jul-15
Sep-15
Nov-15
Jan-16
Mar-16
May-16
Jul-16
Sep-16
Nov-16
Jan-17


Gross and Net Generation (KWH)
January 2017 - January 2017
Gross KWH
Net KWH
Station Use
210,000,000
200,000,000
190,000,000
180,000,000
170,000,000
160,000,000
150,000,000
140,000,000
130,000,000
120,000,000
110,000,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%


Fuel Cargo and Fuel Consumption Costs ($/bbl)
January 2013 - January 2017
HSFO Cargo
LSFO Cargo
HSFO
LSFO
DSL
170
150
130
110
90
70
50
30
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
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Jan-17

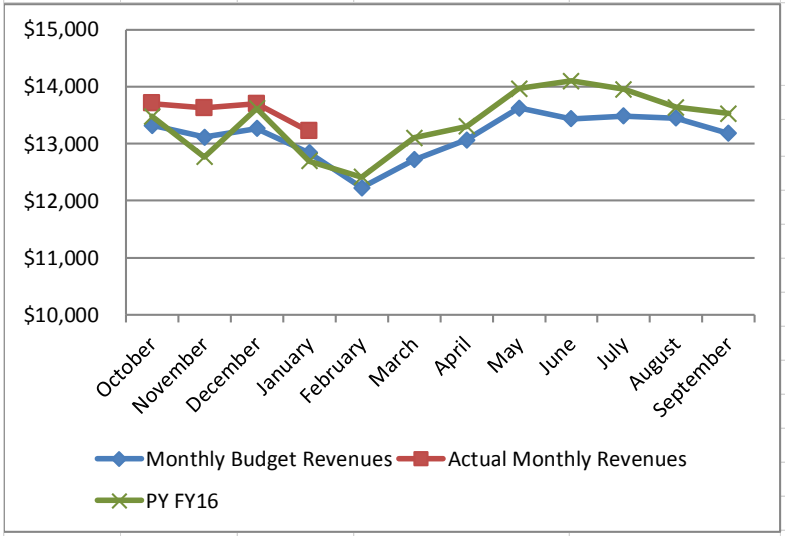
January 2017
Monthly Financial Highlight

February 21, 2017

Consolidated Commission on Utilities

January 2017 Monthly Financial Highlight

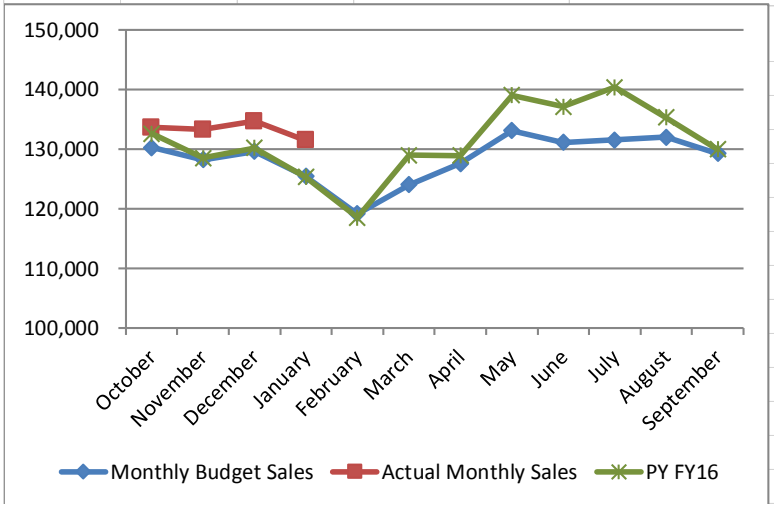
Base Rate Revenue $000



Through Janaury 31, 2017

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY16	CY vs PY Variance	
October	$ 13,320	$ 13,702	$ 383	↑	$ 13,481	$ 221	↑
November	13,114	13,622	$ 509	↑	12,769	$ 853	↑
December	13,265	13,695	$ 430	↑	13,617	$ 78	↑
January	12,838	13,220	$ 382	↑	12,694	$ 526	↑
February	12,226				12,415		
March	12,720				13,103		
April	13,066				13,300		
May	13,624				13,963		
June	13,438				14,098		
July	13,483				13,953		
August	13,447				13,639		
September	13,179				13,525		
Total	**$ 157,720**	**$ 54,240**	**$ 1,703**		**$ 160,557**	**$ 1,679**	

GWh Sales

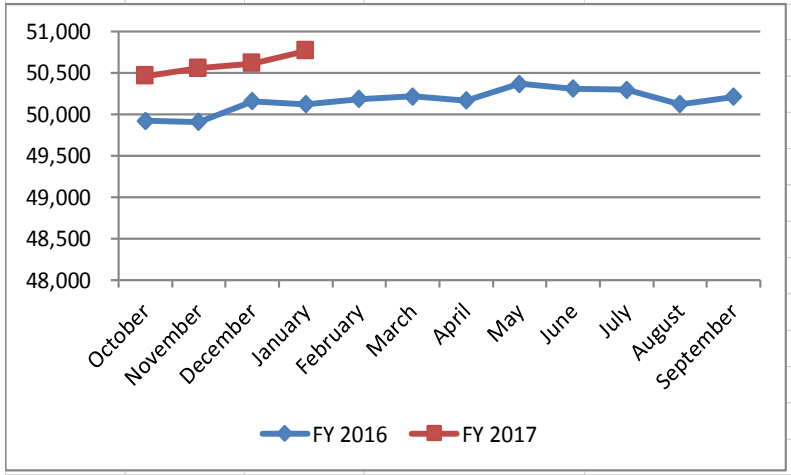


Through Janaury 31, 2017

gwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY16	CY vs PY Variance	
October	130,212	133,620	3,408	↑	132,517	1,103	↑
November	128,213	133,235	5,022	↑	128,470	4,765	↑
December	129,585	134,634	5,048	↑	130,157	4,477	↑
January	125,428	131,461	6,032	↑	125,264	6,196	↑
February	119,112				118,483		
March	123,983				128,934		
April	127,578				128,910		
May	133,054				138,989		
June	131,073				137,074		
July	131,526				140,334		
August	131,966				135,275		
September	129,238				129,932		
Total	**1,540,970**	**532,950**	**19,510**		**1,574,340**	**16,541**	

January 2017 Monthly Financial Highlight (Continued)

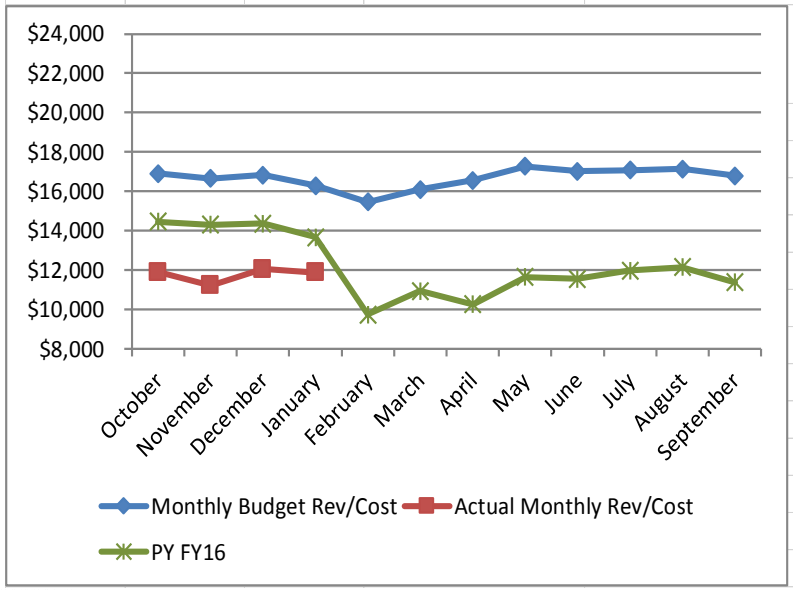
Number of Customers



Through Janaury 31, 2017

	FY 2016	FY 2017	Variance	
October	49,919	50,460	541	↑
November	49,905	50,552	647	↑
December	50,155	50,611	456	↑
January	50,119	50,763	644	↑
February	50,180			
March	50,212			
April	50,162			
May	50,366			
June	50,306			
July	50,293			
August	50,119			
September	50,207			

Fuel Revenue

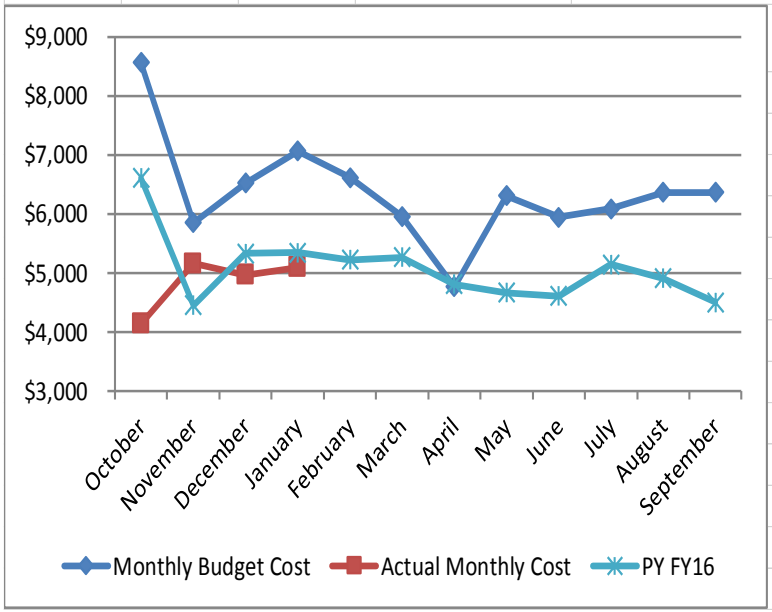


Through Janaury 31, 2017

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance		PY FY16	CY vs PY Variance	
October	$ 16,901	$ 11,894	$ (5,008)	↓	$ 14,443	$ (2,549)	↓
November	16,642	11,215	$ (5,427)	↓	14,306	$ (3,091)	↓
December	16,820	12,036	$ (4,783)	↓	14,349	$ (2,313)	↓
January	16,280	11,867	$ (4,413)	↓	13,663	$ (1,796)	↓
February	15,460				9,739		
March	16,093				10,924		
April	16,559				10,256		
May	17,270				11,637		
June	17,013				11,536		
July	17,072				11,966		
August	17,129				12,146		
September	16,775				11,375		
Total	**$ 200,015**	**$ 47,013**	**$ (19,631)**		**$ 146,340**	**$ (9,748)**	

January 2017 Monthly Financial Highlight (Continued)

O&M Cost $000



Through Janaury 31, 2017

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY16	CY vs PY Variance	
October	$ 8,564	4,135	4,429	↑	6,605	2,470	↑
November	5,846	5,158	688	↑	4,452	(707)	↓
December	6,520	4,966	1,554	↑	5,330	364	↑
January	7,063	5,092	1,971	↑	5,346	254	↑
February	6,616				5,220		
March	5,958				5,267		
April	4,763				4,806		
May	6,304				4,662		
June	5,943				4,608		
July	6,083				5,143		
August	6,366				4,906		
September	6,366				4,501		
Total	**$ 76,394**	**$ 19,352**	**$ 8,642**		**$ 60,847**	**$ 2,381**	

Debt service coverage (DSC) calculation-indenture	2012	2013	2014	2015	2016	YTD Jan 2017
Senior lien coverage	2.13	3.36	3.16	3.62	3.35	2.96
Aggregate debt service coverage	1.35	1.88	1.98	2.62	3.35	2.96
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.29	2.16	2.25	2.56	2.52	2.21
Aggregate debt service coverage	0.82	1.21	1.41	1.85	2.52	2.21

GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Issues for Decision

Resolution No. 2017-07:

Relative to Authorizing the Management of the Guam Power Authority to Extend the Performance Management Contract for the Cabras 3 Power Plant

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

GPA intends to issue a 12-month contract extension to Korea East West Power (KEWP) until such time that the Insurance claim is settled or a final agreement with the Insurers as to the valuation of the loss due to the August 31, 2015 incident is determined. Hence, the contract extension period is from March 2017 to February 2018. If the insurance settlement is reached sooner, then GPA will exercise its option to terminate the contract earlier. GPA needs to preserve the Cabras 3&4 Plant during the insurance process. As the PMC of Cabras 3&4 Plant since July 2010, KEWP has a vast historical knowledge of the operations of the Plant, and GPA has relied on them to direct the operations and maintenance of the Plant. There have been and continues to be numerous data requests from GPA's Insurers regarding the Cabras 3&4 Plant. GPA has a duty to cooperate with its Insurers under the policy. GPA continues in such cooperation. KEWP has proven to be instrumental in addressing the inquiries by the Insurers as GPA moves forward with its insurance claim. It is of special note that the Insurers themselves have hired their own technical experts to counter GPA's claim. GPA is taking reasonable efforts to protect its interests. The Cabras 3&4 Plant suffered severe and extensive damage. It has proven difficult in the aftermath of the plant explosion and fire to effectuate some of the repairs needed to facilitate the various work scopes required. The following services have been and will continue to be required of KEWP until the claim is settled:

- **Historical Plant Expertise/Insurance Claim Technical Support**
- **Damage Assessment**
- **Plant Preservation**
- **Expedited Procurement**

Projected Costs

GPA is currently negotiating the contract costs with KEWP. The fixed management fee, which includes travel, living allowances, wages, and applicable taxes, is expected to cost $65,820 which is approximately 30% less than the Fixed Management Fee in 2015 (before the Cabras 3&4 Plant fire). Additionally, to expedite the routine preservation efforts, a portion of the contract under Preservation Management Services as a reimbursable item will also be included in the amount not to exceed $25,000.

The anticipated costs for the 12-months extension are *$789,840* for *Fixed Management Fee* and $300,000 for *Preservation Management Services* (Reimbursable) for a total of *$1,089,840.*

The following constitutes the Preservation Management Services:

Preservation Management Services (Reimbursable Routine O&M)

Object Code	Description	Amount
15	Heavy Equipment Rental	$ 2,309.23
25	Technical Services	$ 841.75
26	EPA Compliance	$ 536.34
35	Other Maintenance	$ 3,337.21
40	Communication	$ 600.40
46	Accessory equipment	$ 14,145.14
62	Other Materials	$ 1,849.62
65	Office Supplies	$ 1,361.70
66	Safety Supplies	$ 18.62
	TOTAL	**$ 25,000.00**

CONSOLIDATED
COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

RESOLUTION NO. 2017–07

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO EXTEND THE PERFORMANCE MANAGEMENT CONTRACT FOR THE CABRAS 3 POWER PLANT

WHEREAS, through resolution 2016-71 the Consolidated Commission on Utilities (CCU) approved a 3 month Performance Management Contract (PMC) extension between the Guam Power Authority (GPA) and Korea East West Power, Ltd. (KEWP) for the preservation of Cabras Unit #3; and

WHEREAS, the Public Utilities Commission approved a 2 month PMC contract extension pending further justification through GPA Docket 17-16; and

WHEREAS, this PMC extension is scheduled to expire on February 28, 2017; and

WHEREAS, extending the existing PMC contract with KEWP for 12-months will provide GPA with necessary support during the Cabras Unit 4 Insurance Claim; and

WHEREAS, preservation efforts are ongoing and there is an urgent need to continue these works to prevent degradation of Cabras Unit #3; and

WHEREAS, KEWP has continued to support GPA through this critical period by providing valuable expertise and support in areas such as program management, technical services, engineering assessment, and augmenting the Authorities procurement capabilities; and

WHEREAS, GPA has negotiated with KEWP on a reduced fixed management fee of $65,820 per month, which amounts to $789,840 for the 12-month extension; and

WHEREAS, consistent with prior PMC contracts, a reimbursable O&M budget is required and GPA intends to provide KEWP a monthly budget for Preservation Management Services, in addition to the fixed management fee, of $25,000 per month or $300,000 for the 12-month extension; and

WHEREAS, Insurance funds will be the source for both the fixed management fees and the preservation management services; and

WHEREAS, the Consolidated Commission on Utilities supports GPA's efforts in the preservation of Cabras Unit 3.

NOW, THEREFORE, BE IT RESOLVED, by the Consolidated Commission on Utilities as follows:

1. After careful review the Consolidated Commission on Utilities finds extending the current PMC Contract for Cabras 3 to be reasonable, prudent, and necessary for preservation of Cabras Unit 3.

2. The General Manager is authorized to extend the contract with KEWP from March 1, 2017 to February 28, 2018. The contract extension is approved for fixed management fee of $789,840 and a reimbursable O&M budget of $300,000 for the 12-month extension.

RESOLVED, that the Chairman of the Commission certifies and the Secretary of the Commission attests the adoption of this Resolution.

DULY and REGULARLY ADOPTED AND APPROVED THIS 21st DAY OF FEBRUARY, 2017.

Certified by:	**Attested By:**
_____	**_____**
JOSEPH T. DUENAS	**J. GEORGE BAMBA**
CHAIRMAN	**SECRETARY**
Date:_____	**Date:_____**

SECRETARY'S CERTIFICATE

I, J. George Bamba Secretary, Consolidated Commission on Utilities hereby certifies as follows:

The foregoing is a full, true and correct copy of a resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on February 21, 2017, at which meeting all of said members had due notice and at which at least a majority thereof were present;

At said meeting said resolution was adopted by the following vote:

Ayes:

Nays:

Absent:

Abstained:

Said original resolution has not been amended, modified, or rescinded since the date of its adoption, and the same is now in full force and effect.

SO CERTIFIED this 21st day of February, 2017.

_____

J. George Bamba
Secretary, Consolidated Commission on Utilities

Korea East West Power 12 Month Contract Extension Plan

GPA intends to issue a 12-month contract extension to Korea East West Power (KEWP) until such time that the Insurance claim is settled or a final agreement with the Insurers as to the valuation of the loss due to the August 31, 2015 incident is determined. Hence, the contract extension period is from March 2017 to February 2018. If the insurance settlement is reached sooner, then GPA will exercise its option to terminate the contract earlier. GPA needs to preserve the Cabras 3&4 Plant during the insurance process. As the PMC of Cabras 3&4 Plant since July 2010, KEWP has a vast historical knowledge of the operations of the Plant, and GPA has relied on them to direct the operations and maintenance of the Plant. There have been and continues to be numerous data requests from GPA's Insurers regarding the Cabras 3&4 Plant. GPA has a duty to cooperate with its Insurers under the policy. GPA continues in such cooperation. KEWP has proven to be instrumental in addressing the inquiries by the Insurers as GPA moves forward with its insurance claim. It is of special note that the Insurers themselves have hired their own technical experts to counter GPA's claim. GPA is taking reasonable efforts to protect its interests.

The Cabras 3&4 Plant suffered severe and extensive damage. It has proven difficult in the aftermath of the plant explosion and fire to effectuate some of the repairs needed to facilitate the various work scopes required. The following services have been and will continue to be required of KEWP until the claim is settled:

<u>Historical Plant Expertise/Insurance Claim Technical Support</u>
There have been numerous data requests from GPA's Insurers regarding the operations and maintenance of the plant. As the Performance Management Contractor, KEWP will continue to be relied on by GPA to provide responses specific to plant operations and historical maintenance.

There also has been and continues to be a number of site visits and conference calls conducted with GPA's Insurers who have retained technical experts and professionals to represent the Insurers' interests. Along with GPA's retained Insurance Adjuster, The Greenspan Company, KEWP has been present in these meetings to provide historical and technical support to GPA to advance GPA's insurance claim and interests.

<u>Damage Assessment</u>
The evaluation of the extent of damages to the building, plant equipment, auxiliaries, and spare parts is continuing. KEWP will be relied on to develop work scopes, identify parts, solicit price quotes, provide cost estimates, and evaluate price quotes received. There may be other requests of them also for participation.

Plant Preservation

GPA has been working under very challenging circumstances to restore and/or preserve the Plant. GPA needs KEWP's assistance in this regard. KEWP has developed the plans to preserve the plant despite the numerous challenges that a collapsed roof and extensive plant fire introduced.

As with large engines, normally moving heavy parts such as the engine shaft must be kept rotating or be subject to deformation. Despite the challenge of not having permanent electrical power in the damaged building, KEWP is continuing with efforts to turn the shaft daily as recommended by the engine manufacturer. This entails overseeing that various equipment, devices, and protective measures are in place and operating properly.

After securing the approval of GPA's Insurers, KEWP has now been directed to move forward with installation of permanent power to the plant to energize specific equipment and devices to facilitate Cabras Unit 3 preservation. This entails the replacement of some equipment and devices. Due to late arrival of some replacement devices and equipment, this work is not expected to be completed until May 2017. The Insurers continue to place hurdles in GPA's path.

KEWP produces monthly reports regarding Plant Preservation as required by GPA's Insurers.

Expedited Procurement

As the PMC, KEWP has been relied on to expedite the procurement of goods and services. Immediately after the accident, KEWP's procurement authority was fortuitous as it helped expedite the issuance of purchase orders to various vendors for the immediate response to effectuate life safety and environmental control measures. More recently, KEWP's procurement authority is helping expedite efforts to facilitate plant preservation. KEWP is tasked to solicit price quotes and proposals, evaluate, and provide recommendations to GPA management for approval. Once GPA management approval is secured, KEWP is authorized to issue the required purchase orders to vendors. The following procurement through KEWP is currently being managed:

- Plant Cleaning and Unit 3 Engine Cleaning ($4,840,538.00, expected completion is July 2017)
- Unit 4 Engine and Auxiliaries Removal ($5,996,435.00, expected completion is July 2017)
- Station Power Restoration ($677,656.00, expected completion is May 2017)

The following major procurement through KEWP is expected:

- Roof Installation (currently under consideration)
- Unit 4 Foundation Forensics (to be accomplished after Unit 4 Engine Removal is completed)
- Other scope as deemed reasonable and necessary

Projected Costs

GPA is currently negotiating the contract costs with KEWP. The fixed management fee, which includes travel, living allowances, wages, and applicable taxes, is expected to cost $65,820 which is approximately 30% less than the Fixed Management Fee in 2015 (before the Cabras 3&4 Plant fire). Additionally, to expedite the routine preservation efforts, a portion of the contract under Preservation Management Services as a reimbursable item will also be included in the amount not to exceed $25,000. The following constitutes the Preservation Management Services:

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62	Other Materials	$ 1,849.62
65	Office Supplies	$ 1,361.70
66	Safety Supplies	$ 18.62
	TOTAL	$ 25,000.00

Hence, the anticipated costs for the 12-months extension are $789,840 for Fixed Management Fee and $300,000 for Preservation Management Services (Reimbursable) for a total of $1,089,840.

CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

Regular Board Meeting
CCU Conference Room, Gloria B. Nelson Public Service Building
5:30 p.m., January 24, 2017

MINUTES

1. CALL TO ORDER

The Chairman called the regular monthly meeting of January 24, 2017 to order at 5:36p.m. He announced that all (5) Commissioners are present.

Others present at the meeting include:

Commissioners:

Joseph T. Duenas	CCU Chairman
Francis Santos	CCU Vice Chairman
George Bamba	CCU Secretary
Judith Guthertz	CCU Treasurer
Simon Sanchez	Member

Executive Mgmt.:

John Benavente	GM / GPA
Miguel Bordallo	GM / GWA
John Kim	CFO / GPA
Greg Cruz	CFO / GWA
Kelly Clark	Staff Attorney / GWA

Management & Staff:

Paul Kemp	AGM Compliance & Safety / GWA
Vangie Lujan	Compliance & Safety / GWA
Ron Topasna	GWA
Heidi Ballendorf	PIO / GWA
Art Perez	PIO / GPA
Karen Grape	IT / GWA
Joyce Sayama	Mgmt. Analyst / GPA Ex. Office
Ann Borja	Mgmt. Analyst / GWA Ex. Office
Lou Sablan	Board Secretary / CCU
Gilda Mafnas	CFO (Acting)
Dave Fletcher	GWA
Sandra Pablo	GWA Finance
Vicente Pangelinan	GWA

Guest:

Angelica Perez	AM Insurance
Annmarie Muna	AM Insurance

Andy Nivens	PUC
Nestor Licanto	KUAM
Bill Chang	B&C
George Watson	Brown & Caldwell
Craig Bennett	Resident
Kasia Bennett	Resident
Simon Camacho	GPA Retiree
Joseph Cruz	Resident
Andrew P.	PPTC
Telena Nelson	Senator
Darryl Taggerty	Senator Nelson's Office

2. APPROVAL OF MINUTES

The Minutes of December 6, 2016 was presented for approval.

Comm. Bamba motioned to approve the Minutes subject to verification and written correction; Comm. Santos seconded. There was no objection or discussion and the motion carried.

3. COMMUNICATIONS

3.1 Public Comments

Simon Camacho addressed the Commission relative to low morale. He is a retired GPA employee and spoke on behalf of employees especiallyfrom T&D. He gave the Commission a hard copy of several points of concern and asked the Commission for their review and kind respon

Craig and Kasia Bennett filed a complaint with the Commission regarding their application for water pipe installation to their new single family home. They do not agree with the charges that GWA has imposed on them and wanted the Commission to intervene. They submitted a detailed request and related map with details. The Chairman asked the GM to review their submittal and prepare a response via the CCU for review before submittal to the Bennett's.

Sandra Pablo and Joseph Cruz addressed their concern regarding raw sewage overflow at their residence at Rte 4, Talofofo. Ms. Pablo was very upset at the way GWA handled their situation. They said raw sewage was everywhere in their home and GWA wanted them to take inventory of all the damage in order to file a damage claim and that no claim has been filed; it is still a work in progress. They also mentioned that there was a fandango happening at their neighbor's next door and raw sewage was still all over the yard. Guest who parked in the vicinity of their home was walking on it. The said that GWA's response was one of indifference and is inexcusable.

The GWA GM said that GWA followed the correct procedure relative to this type of incidence and confirmed that all requirements were met.

Art Mendiola, a relative of Ms. Palomo voiced that GWA disagreed with the GM and said that not everything was met; more could have been done to remedy the raw sewage in the yard and said GWA did not do enough

4. NEW BUSINESS

4.1 GPA

4.1.1 GM Report Update

1. System Capacity Recovery Plan Update:

- The Dededo Combustion Turbine Plant is on schedule to be commissioned by March 31st, 2017. The plant would add 40 MW of reserve capacity into the system. The plant commissioning will complete our capacity recovery plan effort.
- The following updates our generation capacity recovery schedule:

Date	Description (IWPS Capacity)	MW Added	System MW	2017 Proj. Peak MW	Reserve MW
19-Jan-17	GPA Total Capacity***		386	262	124
28-Feb-17	Dededo CT 2 Commissioning	20	406	262	144
31-Mar-17	Dededo CT 1 Commissioning	20	426	262	164

*** Capacity does not include interruptible load, standby generators and Navy capacity.

Current Outage/Deration:		Capacity	Available	Unavalable	Return Date
	Cabras 1	66	58	8	15-Sep-17
	Medium Speed Diesels Hard Down (3ea.)	13	0	13	30-Sep-17
	Total:			21	
	MW Capacity Available Jan 19th 2017			365	
	Projected January Peak MW Demand			232	
	Available MW Reserve			133	

2 **Net Metering: Net Metering Summary Ending December 2016:**

Description:	**Count**	**Kw**	
Active	**1,290**	**13,409**	
Pending	143	1,840	
Totals:	1,433	15,249	
Service:	**Count**	**KW**	**Kw/Customer**
Residential	**1,219**	**10,975**	**9.0**
Others	71	2,434	34.3
Total:	1,290	13,409	10.4
% Residential	**94.5%**	**81.8%**	
Estimated 12 Months Revenue Impact:	**$2,502,271**		

Net Metering Pay out and Carry Over Credits

Pay Out Credits:

Calender Year	Meter Count	Kwh	Amount	Average $/Kwh
CY 2015	74	152,793	$27,480	$0.180
CY 2016 **Estimated**	58	171,649	$32,000	$0.186

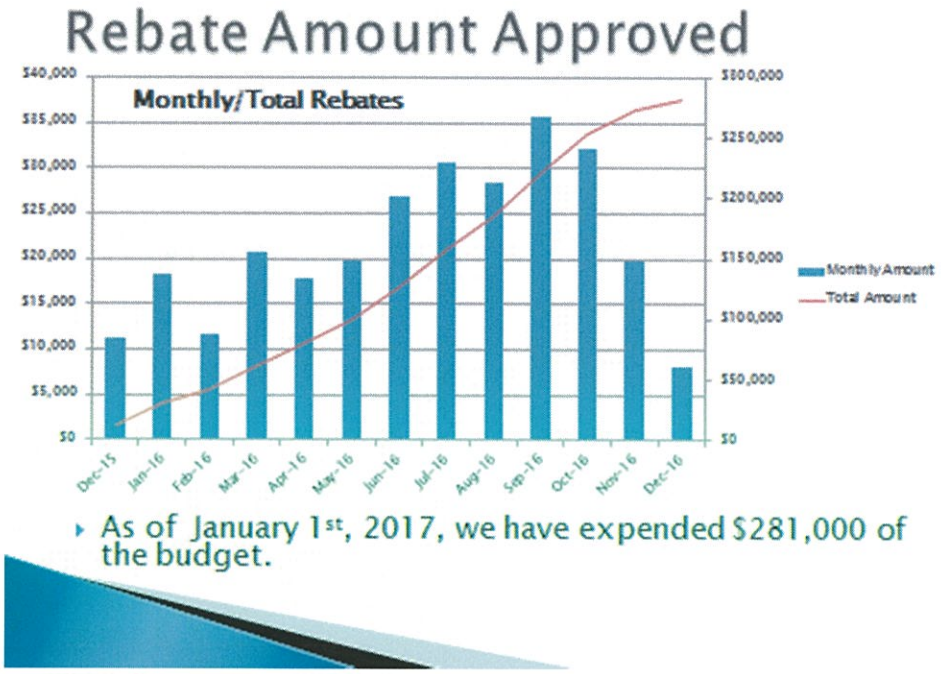
Carry Over Credits:

Calender Year	Meter Count	Kwh	Estimated Amount	Average $/Kwh
CY 2015	410	462,997	$83,270.55	$0.180
CY 2016 Estimated	237	393,433	$73,346.52	$0.186

3 **Combined Cycle Plant Land Bid**: The bid for about 40 acres of land near the GWA Northern Wastewater Treatment Plant will be issued next week.

4 **Bond Ratings:** Standard & Poor and Fitch have both recently affirmed GPA's investment grade rating with stable outlook. The loss of Cabras 3&4 was of concern to the rating agencies, but the continued efforts to update them on a regular basis on our recovery efforts and the minimal impact the explosion had on financials and service made us successful in maintaining our ratings

5 **DSM Program Update:** The following summarizes rebates thru January 1st 2017. The paid out rebate to date totals $281,000.



6 **Phase II Renewables Bid:**

- Priced proposals were opened on January 13, 2017. GPA is in the process of reviewing submittals to determine the lowest bidder(s).
- Bids for Solar PV system ranged from $0.062 to $0.210/ Kwh. Sole bid for Geo-thermal energy was $0.240/Kwh.
- The notification of successful bidder(s) is targeted for late January.
- A system stability analysis will need to be conducted for the successful bidder(s) proposal to determine the total cost impact for the project.
- I am targeting to provide a recommendation at the February CCU meeting. The contract will require PUC approval.

7 **Energy Storage System Bid:**

a. Technical Proposals were received from four companies.
b. Two companies were deemed acceptable and their price proposal were opened on January 18th.
c. Recommendation for award was added to tonight's agenda.

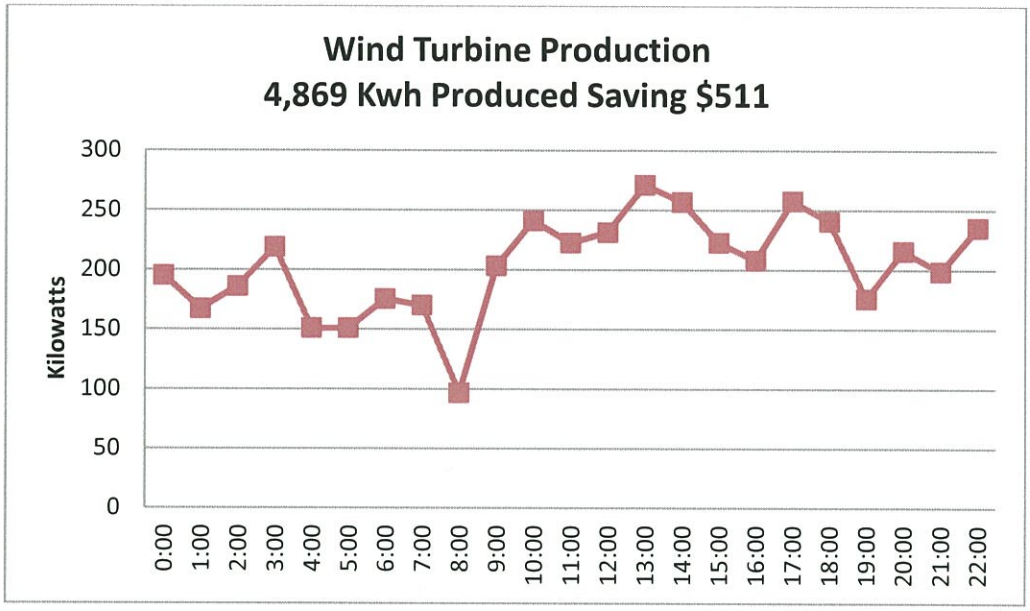
8 **Phase III Renewables Bid:**

9 We expect to announce this bid in February.
10 This is for Solar PV on land leased from the Navy.
11 Project capacity is about 35 MW

9. **Other Key Bid Invitations Updates:**

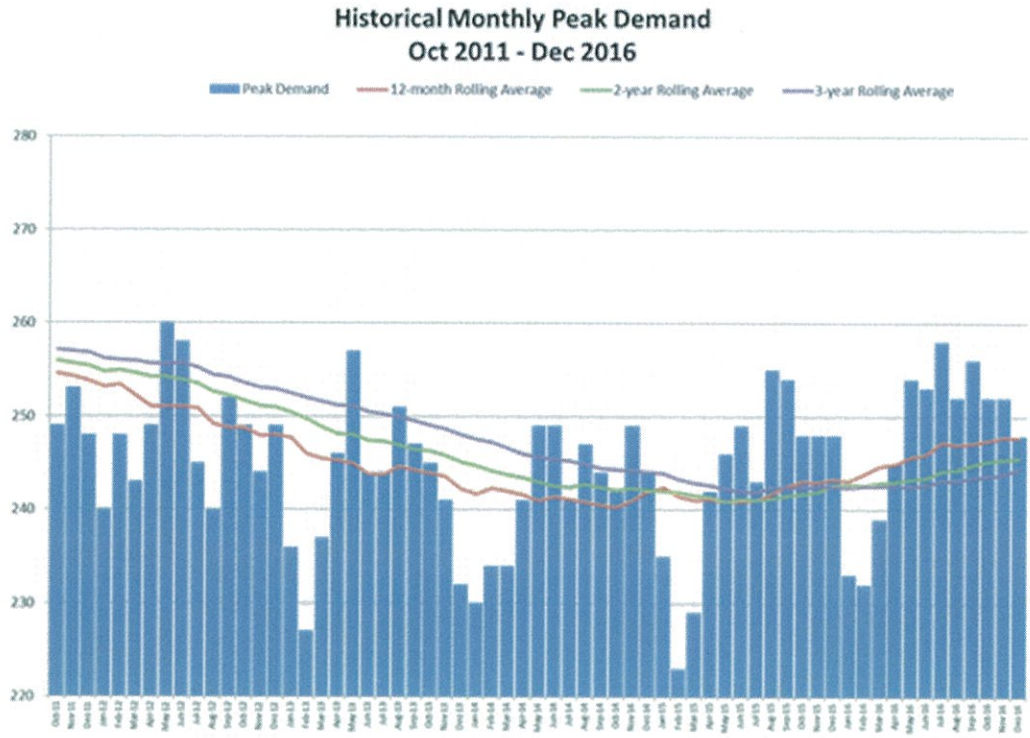
- The bids for the major engine overhaul of Diesel units have been received and are being evaluated. A recommendation will be brought to the CCU at the February meeting.
- LED Luminaires is being re-bid. This delays our change out work by about six months.

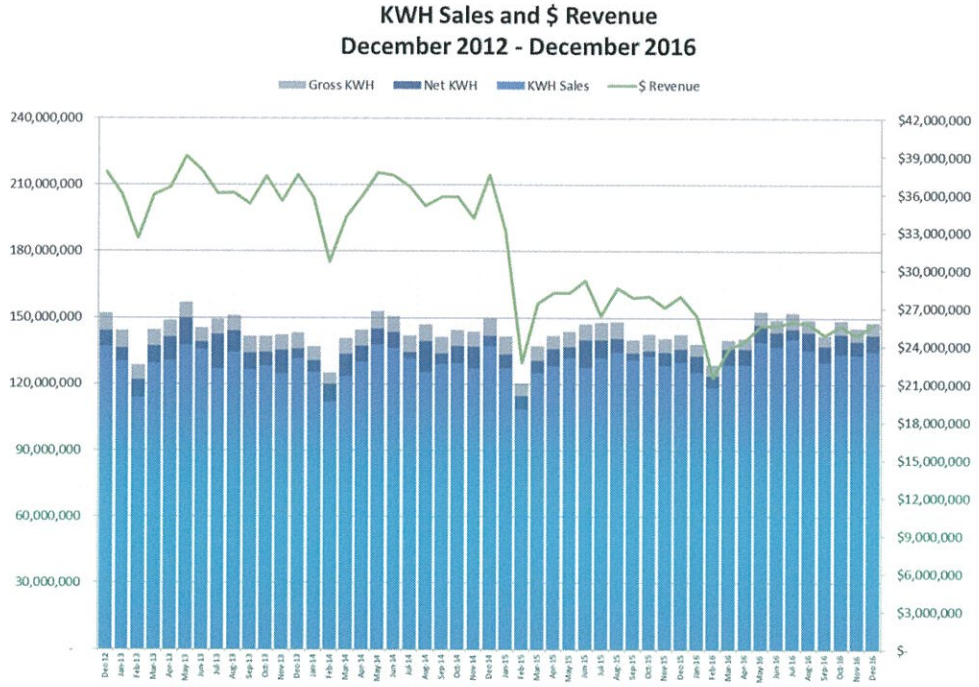
10. **GPA Wind Turbine Production:** The following is the production graph for Sunday, January 23rd

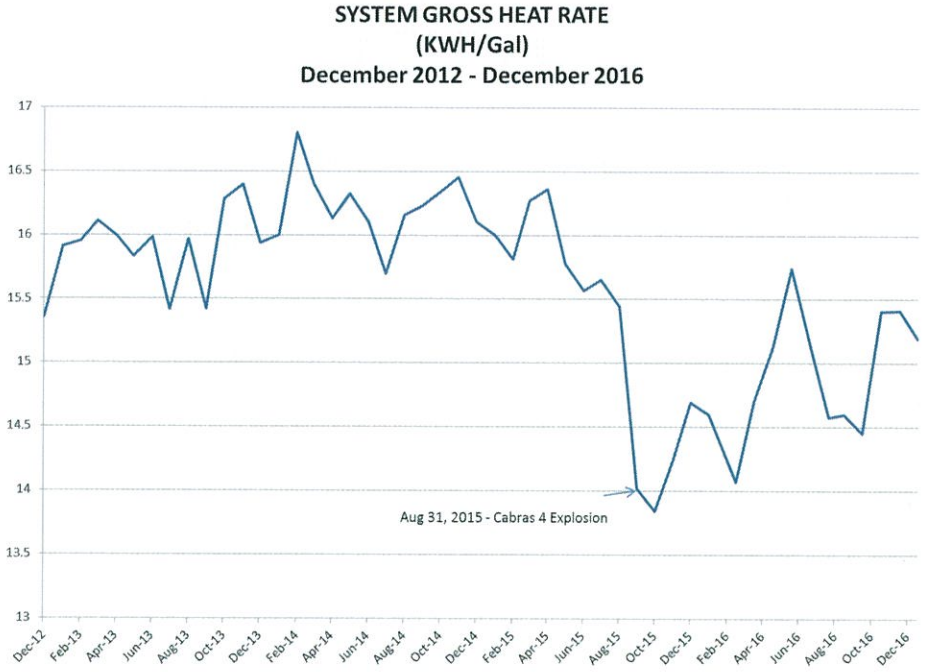


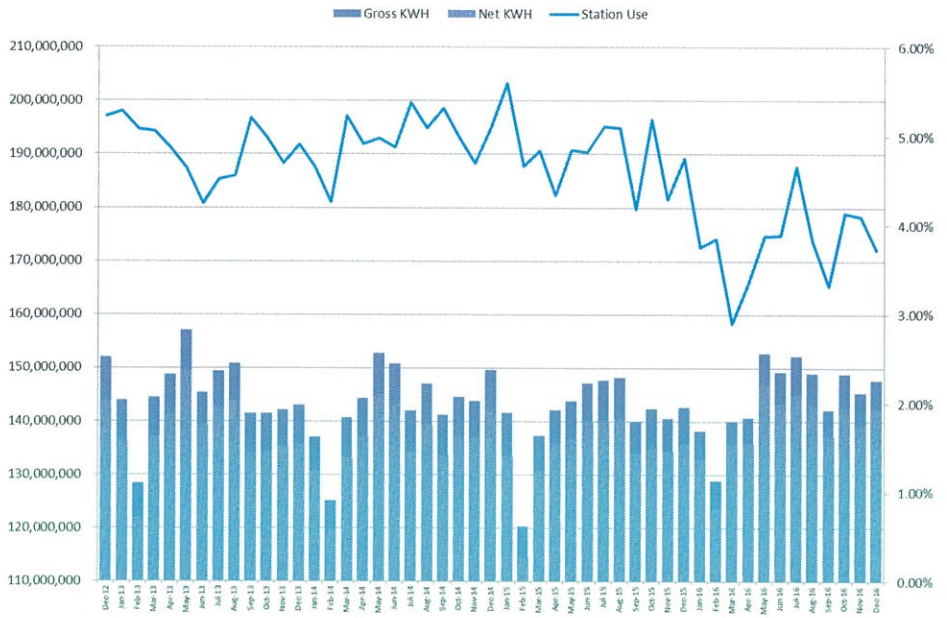
11. **Public Commission on Utilities Dockets:**
    a. A decision on LEAC rate for the period February thru July is expected at their next week regular meeting.
    b. GPA Docket 16-01; Contract extension of the Cabras 3&4 EWP was approved for two months.

12. **Key Performance Indicators:** The following pages update information thru December 2016.



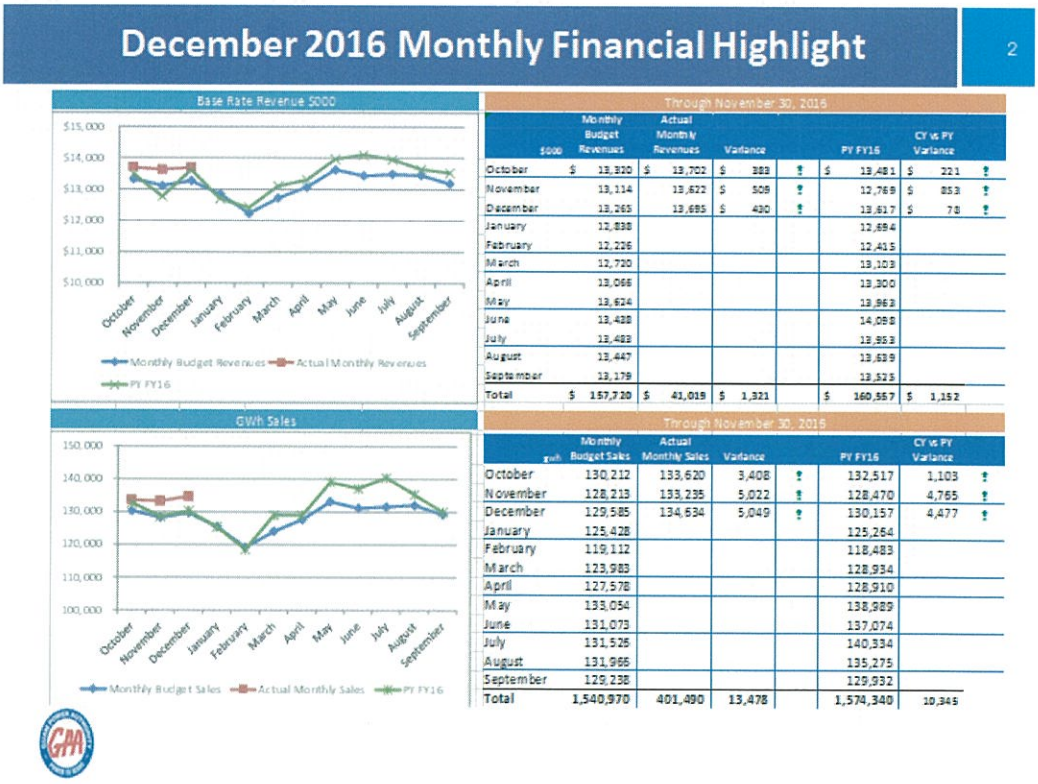

KWH Sales and $ Revenue
December 2012 - December 2016
Gross KWH
Net KWH
KWH Sales
$ Revenue
240,000,000
210,000,000
180,000,000
150,000,000
120,000,000
90,000,000
60,000,000
30,000,000
$42,000,000
$39,000,000
$36,000,000
$33,000,000
$30,000,000
$27,000,000
$24,000,000
$21,000,000
$18,000,000
$15,000,000
$12,000,000
$9,000,000
$6,000,000
$3,000,000
$-


SYSTEM GROSS HEAT RATE
(KWH/Gal)
December 2012 - December 2016
17
16.5
16
15.5
15
14.5
14
13.5
13
Aug 31, 2015 - Cabras 4 Explosion
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
Feb-16
Apr-16
Jun-16
Aug-16
Oct-16
Dec-16



4.1.2 Financials

CFO Kim provided highlights for December 2016



Through November 30, 2016

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY16	CY vs PY Variance	
October	$ 13,920	$ 13,702	$ 383	↑	$ 13,481	$ 221	↑
November	13,114	13,622	$ 508	↑	12,769	$ 853	↑
December	13,265	13,695	$ 430	↑	13,617	$ 78	↑
January	12,838				12,694		
February	12,226				12,415		
March	12,720				13,103		
April	13,066				13,300		
May	13,624				13,963		
June	13,428				14,088		
July	13,483				13,953		
August	13,447				13,639		
September	13,179				13,525		
Total	$ 157,720	$ 41,019	$ 1,321		$ 160,557	$ 1,152	

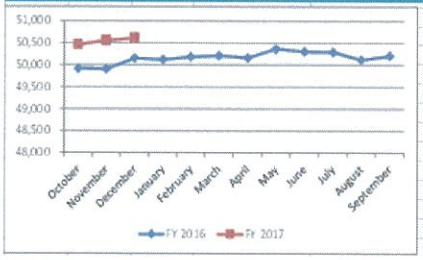
Through November 30, 2016

gwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY16	CY vs PY Variance	
October	130,212	133,620	3,408	↑	132,517	1,103	↑
November	128,213	133,235	5,022	↑	128,470	4,765	↑
December	129,585	134,634	5,049	↑	130,157	4,477	↑
January	125,428				125,264		
February	119,112				118,483		
March	123,983				128,934		
April	127,578				128,910		
May	133,054				138,989		
June	131,073				137,074		
July	131,526				140,334		
August	131,966				135,275		
September	129,238				129,932		
Total	1,540,970	401,490	13,478		1,574,340	10,345	

December 2016 Monthly Financial Highlight (Continued)

3

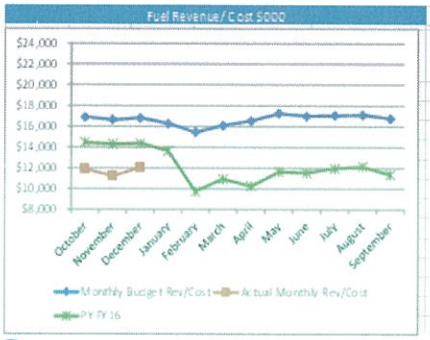
Number of Customers



Through November 30, 2016

	FY 2016	FY 2017	Variance
October	49,919	50,460	541
November	49,905	50,552	647
December	50,155	50,611	456
January	50,119		
February	50,180		
March	50,212		
April	50,162		
May	50,366		
June	50,306		
July	50,293		
August	50,119		
September	50,207		

Fuel Revenue/Cost $000



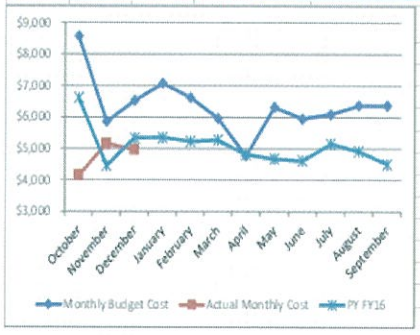
Through November 30, 2016

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance	PY FY16	CY vs PY Variance
October	$ 16,901	$ 11,894	$ (5,008)	$ 14,443	$ (2,549)
November	16,642	11,215	$ (5,427)	14,306	$ (3,091)
December	16,820	12,036	$ (4,784)	14,349	$ (2,313)
January	16,280			13,663	
February	15,460			9,729	
March	16,093			10,924	
April	16,559			10,256	
May	17,270			11,627	
June	17,013			11,536	
July	17,072			11,966	
August	17,129			12,146	
September	16,775			11,375	
Total	$ 200,015	$ 35,145	$ (15,218)	$ 146,340	$ (7,953)

December 2016 Monthly Financial Highlight (Continued)

4

O&M Cost $000



Through November 30, 2016

$000	Monthly Budget Cost	Actual Monthly Cost	Variance	PY FY16	CY vs PY Variance
October	$ 8,564	4,135	4,429	6,605	2,470
November	5,846	5,158	688	4,452	(707)
December	6,520	4,967	1,553	5,330	363
January	7,063		7,063	5,346	5,346
February	6,616		6,616	5,220	5,220
March	5,958		5,958	5,267	5,267
April	4,763		4,763	4,806	4,806
May	6,304		6,304	4,662	4,662
June	5,943		5,943	4,608	4,608
July	6,083		6,083	5,143	5,143
August	6,366		6,366	4,906	4,906
September	6,366		6,366	4,501	4,501
Total	$ 76,394	$ 14,261	$ 62,133	$ 60,847	$ 46,587

Debt service coverage (DSC) calculation-indenture	2012	2013	2014	2015	2016	YTD Dec 2016
Senior lien coverage	2.13	3.36	3.16	3.62	3.35	3.06
Aggregate debt service coverage	1.35	1.88	1.98	2.62	3.35	3.06
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.29	2.16	2.25	2.56	2.52	2.38
Aggregate debt service coverage	0.82	1.21	1.41	1.85	2.52	2.38

4.1.3 Resolution 2017-01 Approval of EPCM for New Generation

GPA issued an RFP to provide Engineering and Technical support in the development of procurement of up to 180MW of new generation capacity through an IPP Contract model. The new power plant is required under GPA's USEPA Compliance Plan for the compliance of the Cabras 1&2 and MEC Power Plants under the EGU MATS and RICE MACT regulations. GPA has estimated $750,000 for the procurement development task. For additional other tasks and scopes of work, GPA will obtain CCU and PUC approval at the appropriate time. These other tasks and scopes are best decided upon as more information is available. For the initial procurement development task GPA has estimated 3-6 months to develop and obtain CCU and PUC approval. GPA's compliance plan has new plants commissioned by December 2020. GPA has obtained approval for use of $750,000 from 2014 Bond Funds LNG Initial Startup Project through CCU Resolution 2015-21 and PUC Order Docket 15-05 issued on October 29, 2016. GPA evaluated Stanley Consultants, Inc as the most qualified and responsive proposal from the submitted proposals. GPA recommends to award and to assign the initial task of the procurement development for the IPP contract. GPA intends to use the EPCM as Owner's Engineer during design and construction of the power plant which will be negotiated later.

Comm, Santos motioned to approve Resolution 2017-01. Comm. Guthertz seconded.

For the record, Comm. Sanchez recused himself because a company he has interest in may be one of bidders and has potential for conflict. Comm. Bamba may also have conflict and asked to be recused

On the motion there were 3 – ayes and 2 abstentions.

4.1.4 Resolution 2017-02 Approval of Fuel Oil Hedging Program

The objective is to have established agreements with potential hedging counterparties that outline the terms applied to the derivatives transactions between GPA and these counterparties. Henceforth to allow GPA to systematically hedge as the needs arise. There will be associated premium for the volume to be traded depending on the kind of hedging instrument GPA will utilize. The premium cost of the hedging will be around $1.13 Million. Once GPA receives authorization to petition the PUC for their authorization and approval, the authorization documents will be presented to the various hedging counterparties with the signed agreements for their records. The hedging trade term will be 3-month to 6-month period. The anticipated funding source for this project is LEAC

In discussion Comm. Bamba said to be cautious because hedging is 2-edge sword. Comm. Sanchez asked management if the timing is really now for hedging; he's curious to know what experts are thinking and if they feel now is time to hedge and wants to hear their opinion. CFO Kim said our consultants think it is wise to hedge now vs. later. Comm. Gutherz said in the news this morning the President may go after the oil wells. At the end of discussions, the Commission asked management to look at this a little bit more. They asked management to get Consultants rationale behind their thinking. While the resolutions is only for authority to hedge when needed the Commission said to go back and ask why they are recommending to hedge in the first place.

This resolution was tabled

4.1.5 Resolution 2017-03 Establishment of Internal Audit Positions

This resolution petitions the CCU to create a Utility Auditor I, II, III, Revenue Protection Utility Investigator, and Revenue Protection Utility Analyst positions in the classified service as allowed by Public Law 28-112 and 4 GCA §6303. GPA Personnel Rules and Regulations Section 7.03 (c), authorizes the General Manager to petition the CCU to amend, to include, but not limited to, deleting, adding, or modifying such positions, the approved list of the Authority's Certified, Technical, and Professional positions. The creation of the Utility Auditor I, II, and III positions are essential to assist GPA management and the CCU in the effective discharge of their responsibilities and governance by furnishing independent analysis, appraisals,recommendations, counsel and information concerning activities under audit to the utility. The creation of the Revenue Protection Utility Investigator and Revenue Protection Utility Analyst positions are essential to institute an effective revenue protection program to minimize the loss of revenue due to meter tampering and unauthorized electrical connections. The minimum salary range based on the market data for 2007 for CTP is as follows: Auditor I - $34,318 per annum; Auditor II - $43,648 per annum; Auditor III - $52,820 per

annum; Revenue protection investigator - $45,420 per annum and Revenue Protection Analyst - $52,820 per annum. The salaries are funded by revenue funds and once approved by the CCU it will be filed with the Guam Legislature with a waiting period of 30 days.

Comm. Guthertz said these positions are critical and endorses a strong internal audit program.

Comm. Guthertz motioned to approve Resolution 2017-03; Comm. Bamba seconded. There was no further discussion or objection and the motion passed.

4.1.6 GPA Resolution 2017-04 / GWA Resolution 17-FY2017 Legislation for Health Insurance

GPA and GWA have recognized that an opportunity for savings exists if GPA and GWA are authorized to procure separate health group insurance for their employees, based on the experience of the Judiciary, which has procured its own health group insurance. The CCU has reviewed the proposed draft legislation which would authorize GPA and GWA to procure separate group health insurance, and the CCU recognizes there is an opportunity for savings.

The General Manager of the Guam Power Authority and the General Manager of the Guam Waterworks Authority are authorized to submit the draft legislation to the legislature for consideration, which if enacted would authorize GPA and GWA to procure separate health group insurance for its employees. Once approved by the CCU and PUC an RFP will be prepared which will determine the costs and benefit package for our employees. If this program comes to fruition, it will be funded by revenue funds.

In discussion, Comm. Guthettz asked if management is going to provide any data to Legislature . Comm. Santos responded that they have all the data and that's what they don't want to show. Comm. Guthertz said she does not want to short change GPA retirees. Comm. Sanchez said GPA/GWA may seek new policy for their employees while retirees remain in the master Guam plan. Comm. Guthertz further stated she does not want to lock out retirees of any potential benefits / savings. Comm. Sanchez then recommended to add "retirees" to the resolution

Comm. Sanchez motioned to approve Resolution 2017-04; Comm. Santos seconded.

Comm. Guthertz motioned to amend Resolution 2017-04 and to add "retirees" on line 21 after the word "employees" ; Comm. Bamba seconded

On the amendment to the resolution – all were in favor

On the entire resolution – all were in favor and Resolution 2017-04 passed unanimously.

4.1.7 Resolution 2017-05 Authorization for Diesel Supply for Base Loads and Peaking Units

The Guam Power Authority's current contract for Supply of Diesel Fuel Oil No. 2 for the Baseload Plants and Peaking Units is expiring in December 2017. The fuel supply contract with an increase in the estimated supply quantity is necessary to provide uninterrupted supply of fuel for the Baseloads and Peaking units.

Diesel Fuel Oil No.2 will be supplied to the following plant locations:

Baseloads (Cabras 1&2 and MEC 8&9)
Tenjo Vista
Fast Tracks (Manenggon and Talofofo)
TEMES CT
Northern Plants (Dededo CT, Macheche CT and Yigo CT, Aggreko)

The 2-year contract is estimated to exceed $1.5M requiring prior approval from the PUC. The contract is planned for an initial period of two years to commence on or about January 01, 2018 and to expire on December 31, 2019, with the option to extend for three (3) additional one-year terms. This procurement will be funded by revenue funds. The IFB solicitations will commence after CCU approval.

Comm. Guthertz motioned to approve Resolution 2017-05; Comm. Sanchez seconded. There were 4 ayes and 1 abstention. For the record, Comm. Bamba recused himself.

4.1.8 Resolution 2017-06 Relative to Contract Award Energy Storage System Phase I

The project will help alleviate system frequency issues and support renewable energy integration. The ESS is required to mitigate issues resulting from the intermittency of the solar generation from the NRG solar farm and net-metering solar PV throughout the island. This storage system will be located at the Agana Substation: 24 MW and the Talofofo Substation: 16 MW. The project cost is estimated to be: Design and Construction: $34,999,070 and Annual O&M: Starting from $217,040 and increases to $400,997 by year 25. The anticipated completion date is 12 months from Notice to Proceed. Management identified the funding source to be:

Design/Construction:

$34,632,781 from 2014 Series A Revenue Bond
$366,289 from FY2018 CIP Budget

O&M:

$217,040-$400,997 from O&M Budget

Multi-Step Bid No. GPA-082-15
Energy Storage System Phase I
Step 2 Evaluation of Priced Proposals Results

	LG CNS		LSIS	
	24 MW Agana	16 MW Talofofo	24 MW Agana	16 MW Talofofo
Design & Construction	$ 16,799,554	$ 18,199,516	$ 25,096,815	$ 22,079,750
Fixed O&M Annual Fee				
Year 1	$ 108,520	$ 108,520	$ 394,662	$ 394,662
Year 2	$ 111,259	$ 111,259	$ 394,662	$ 394,662
Year 3	$ 114,075	$ 114,075	$ 394,662	$ 394,662
Year 4	$ 116,969	$ 116,969	$ 394,662	$ 394,662
Year 5	$ 119,943	$ 119,943	$ 394,662	$ 394,662
Year 6	$ 123,000	$ 123,000	$ 394,662	$ 394,662
Year 7	$ 126,143	$ 126,143	$ 394,662	$ 394,662
Year 8	$ 129,373	$ 129,373	$ 394,662	$ 394,662
Year 9	$ 132,693	$ 132,693	$ 394,662	$ 394,662
Year 10	$ 136,106	$ 136,106	$ 394,662	$ 394,662
Year 11	$ 139,615	$ 139,615	$ 394,662	$ 394,662
Year 12	$ 143,222	$ 143,222	$ 394,662	$ 394,662
Year 13	$ 146,931	$ 146,931	$ 394,662	$ 394,662
Year 14	$ 150,744	$ 150,744	$ 394,662	$ 394,662
Year 15	$ 154,663	$ 154,663	$ 394,662	$ 394,662
Year 16	$ 158,694	$ 158,694	$ 394,662	$ 394,662
Year 17	$ 162,837	$ 162,837	$ 394,662	$ 394,662
Year 18	$ 167,098	$ 167,098	$ 394,662	$ 394,662
Year 19	$ 171,479	$ 171,479	$ 394,662	$ 394,662
Year 20	$ 175,984	$ 175,984	$ 394,662	$ 394,662
Year 21	$ 180,617	$ 180,617	$ 394,662	$ 394,662
Year 22	$ 185,380	$ 185,380	$ 394,662	$ 394,662
Year 23	$ 190,279	$ 190,279	$ 394,662	$ 394,662

Year 24	$ 195,316	$ 195,316	$ 394,662	$ 394,662
Year 25	$ 200,498	$ 200,499	$ 394,662	$ 394,662
Site Present Value	$ 17,521,245	$ 18,841,964	$ 28,435,773	$ 25,589,486
Total Cost	$ 36,363,208		$ 54,025,259	

Comm. Guthertz motioned to approve Resolution 2017-06; comm. Sanchez seconded. There was no further discussion or objection and the motion passed unanimously.

4.2 GWA

4.2.1 GM Report Update

1. TMW License Agreement:

a. GWA continues operations and maintenance at TMW.

b. Operation has been affected by multiple equipment issues:

i. Fan failure: unit being serviced

ii. Oxygen sensor: failed; replacement being procured

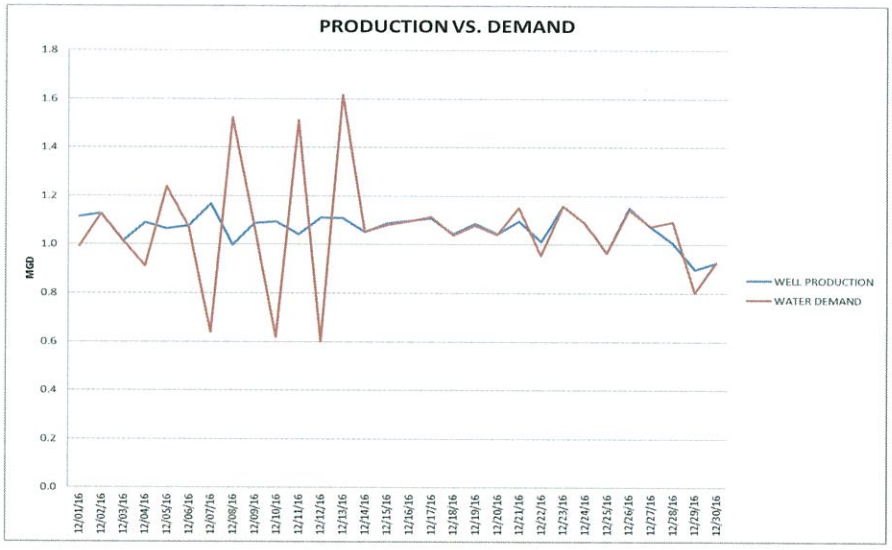
iii. Level indicator: failed; replacement being procured – affected booster pump operation feeding into system; operating with adjustment to setpoints.

c. GWA has met with DoD and DPW/PB to finalize GWA's work for the Potts Junction intertie.

d. Production:

i. Fairly consistent between 1.0 and 1.2 million gallons per day (MGD), with the exception of several events tripped equipment events - see chart below.

ii. Total production in November was **27,098,700 gallons.** Total Production in December was 33,124,400.



2. **Easement Request for Agat WWTP Project**
    a. NBG Installation Commanding Officer approved the easement grant at no cost.
    b. Still waiting on Commander Navy Installation Command on the term and type of request approval.
    c. GWA is willing to do 50% of the maintenance of the easement as part of the contribution.
    d. GWA will pay for appraisal and survey for legal meets and bounds if needed for the agreement.
3. **Interoperability Options – future projects**
    a. Santa Rosa.
    b. Route 15 line connection.
    c. Agana Heights tanks (GWA and Naval Hospital).
    d. Urunao and the Wildlife Refuge.

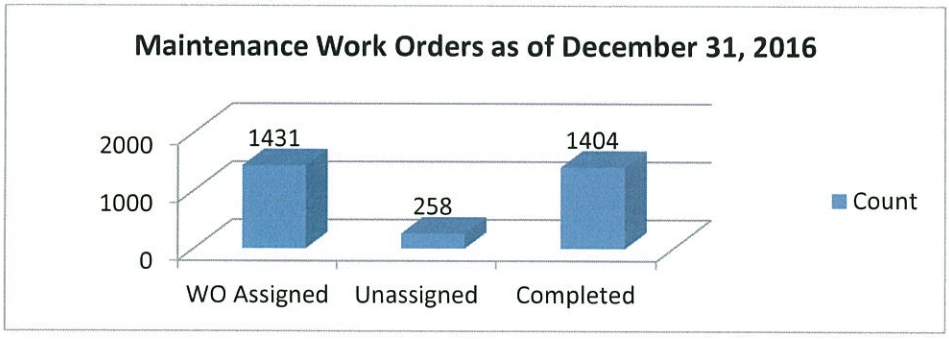
OEA Grants – Guam Water-Wastewater Infrastructure Projects

- PM/CM award pending; negotiations finalized.
- GWA is providing assistance to USEPA for NEPA process associated with initial project; formal NEPA activities pending contract (USEPA).
- NGLA Monitoring Wells – final siting report issued; prioritization underway to set preference for installation locations and rehabilitation.
- GWWIST meeting scheduled for February in Guam.

Action Item	Date (Target)	Date (Actual)	Status
Project Funds Available	~~Oct-15~~/ July-16	AUG-30-16	Completed
Land Acquisition	~~Sep-16 (?)~~ Jan-17		On-target
Procure PM/CM Firm	~~Apr-16~~ / Jan-17		On-target
Procure Design Firm	~~Oct-16 (?)~~ Jul-17		On-target
Design -- 30/60/90/Final -- Review	~~Nov-17~~ Jun-18		On-target
NEPA Analysis and Determination	~~Aug-17~~ Feb-17		??
Procure Construction Firm	~~Jun~~Dec-18		On-target
Construction Complete/Commence Operations	Nov-21		On-target
Sewer line connection from MCB to GWA infrastructure	~~TBD (?)~~ Jul-19		On-target
MCB Initial Operating Capability	Jul-22		On-target

Asset Management

- CMMS system went live on October 3, 2016.
- Weekly and monthly meetings continue
- Over 3,000 Work Orders issued so far.
- Over 1,404 Work Orders completed.

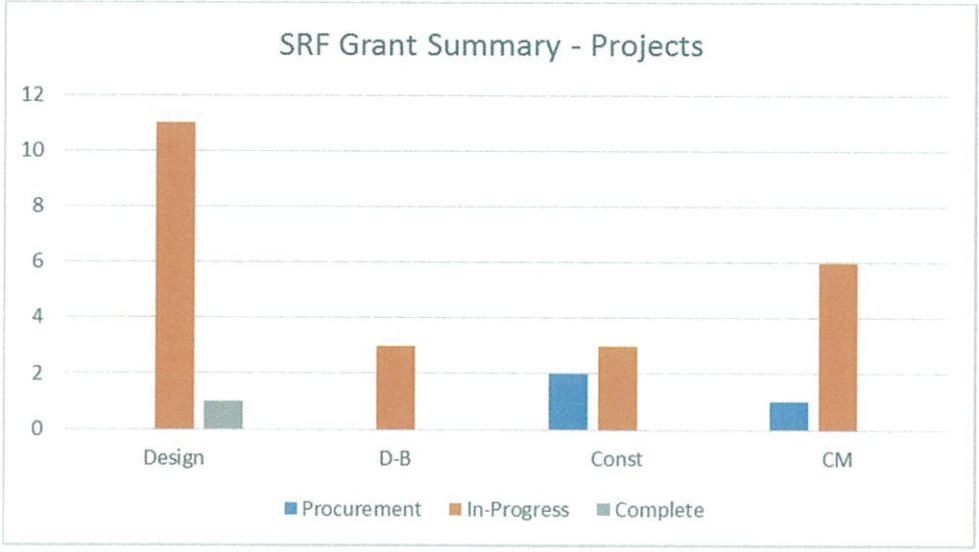


USEPA SRF Projects

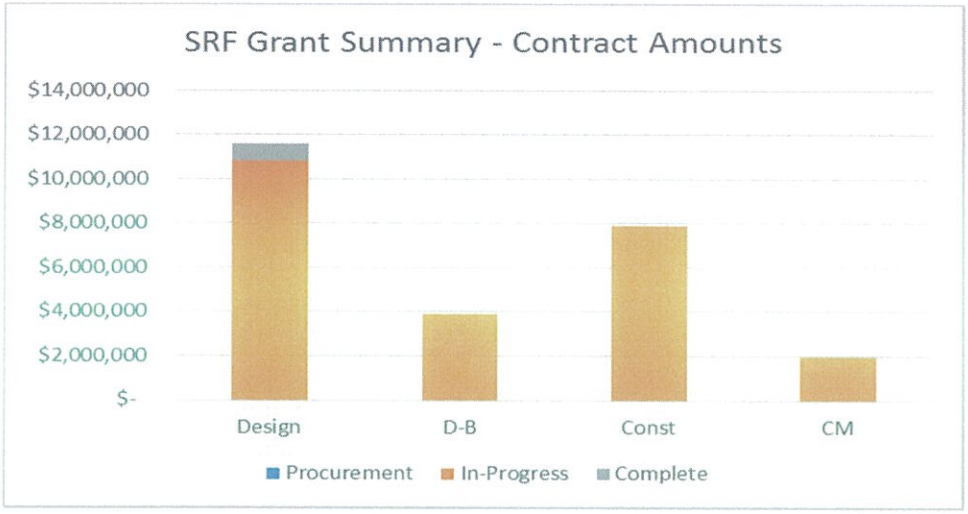
- Summary of all SRF grant funded projects are shown below.

SRF Grant Summary - Projects

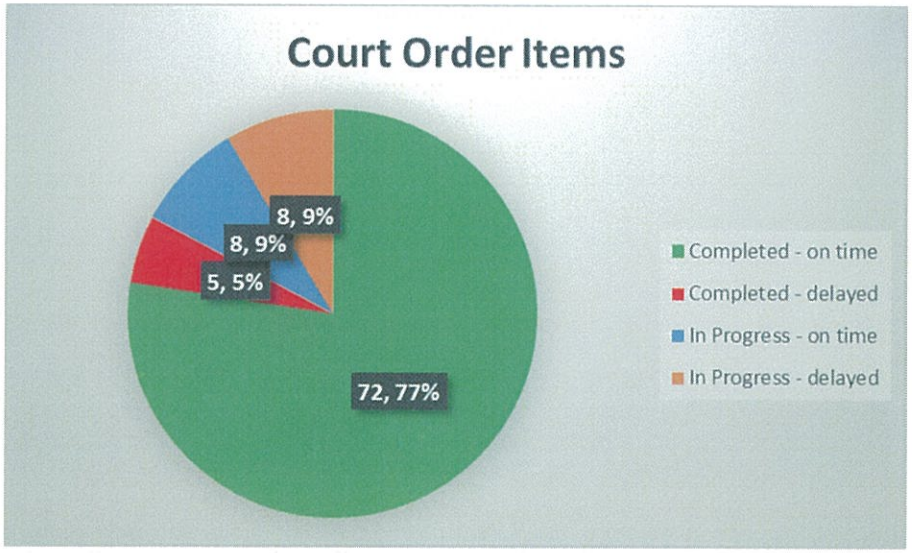
	Procurement	In-Progress	Complete	Totals	%
Design	0	11	1	12	44%
D-B	0	3		3	11%
Const	2	3		5	19%
CM	1	6		7	26%
Totals	3	23	1	27	
%	11%	85%	4%		



SRF Grant Summary - Contract Amounts					
	Procurement	In-Progress	Complete	Totals	%
Design	$ -	$ 10,812,544	$ 792,980	$ 11,605,524	46%
D-B	$ -	$ 3,898,896		$ 3,898,896	15%
Const	$ -	$ 7,883,710		$ 7,883,710	31%
CM	$ -	$ 1,969,876		$ 1,969,876	8%
Totals	$ -	$ 24,565,026	$ 792,980	$ 25,358,006	
%	0%	97%	3%		



Court Order



Court Order Summary

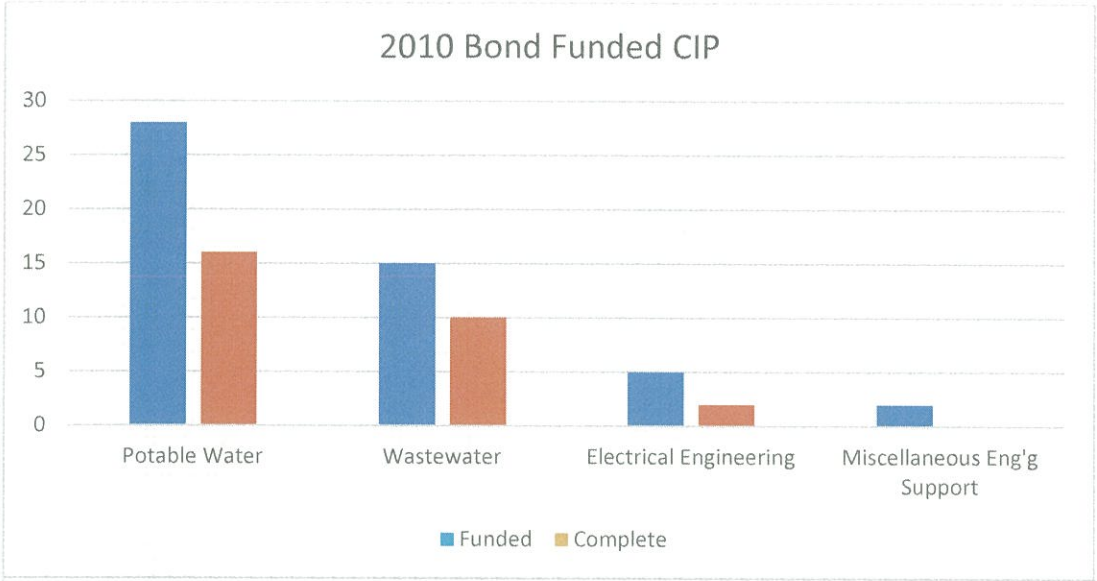
	Court Order Items	%	Performance (on-time or completed)
Completed - on time	72	77%	
Completed - delayed	5	5%	
In Progress - on time	8	9%	
In Progress - delayed	8	9%	91.4%
Totals	93	100%	

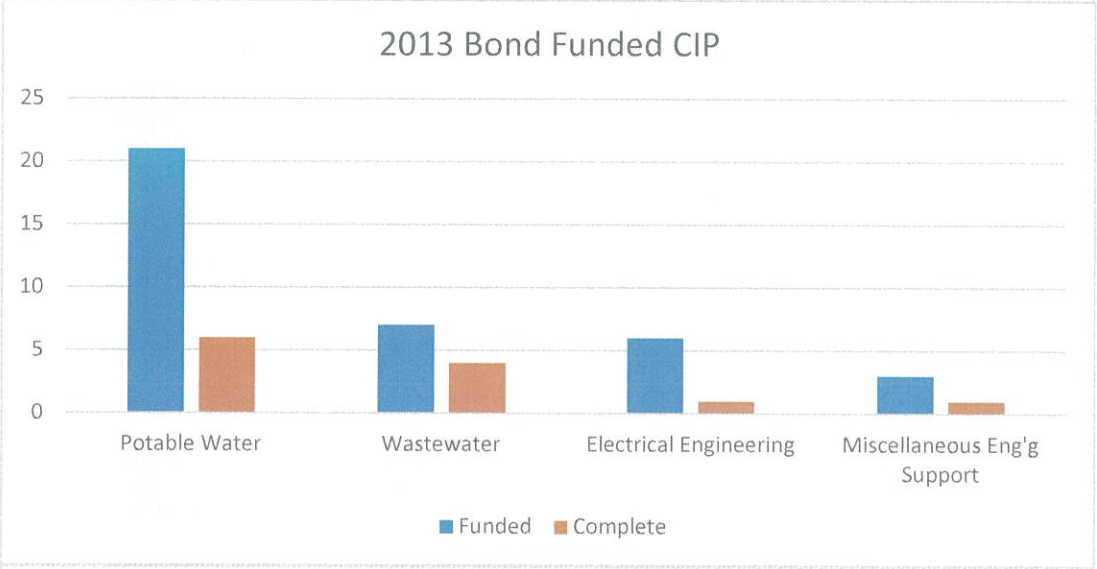
- 8 items delayed
  - SSES (2 items)
  - Agat/SR System Upgrades (2 items)
  - Sewer Cleaning
  - CCTV
  - Cl Residual Monitors
  - Meters
- Final Date to complete all Court Order items is December 21, 2020.
- Overflow or Bypass events reported to USEPA – 6 events reported in December 2016 and January 2017
  - 4 – Manholes due to rain (Rt. 10 by Wendy's, Rt. 4 by McDonald's, 2x by Harmon Lift Station–2016 & 2017)
  - 1 – Sensor failure (Rt. 10 Pump Station)
  - 1 – Manhole & residential backup due to rags & grease (Talofofo)
  -

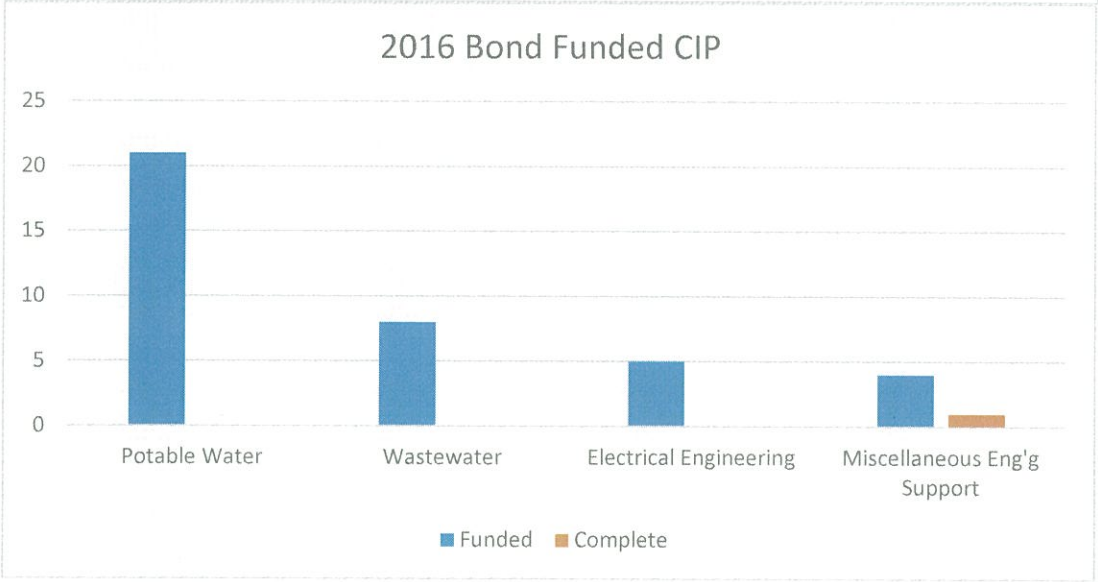
CIP Summary

CIP Summary - Project Encumbrance

	2010 Bond		2013 Bond		2016 Bond			
	Funded	Complete	Funded	Complete	Funded	Complete	Total CIP Projects	%
Potable Water	28	16	21	6	21	0	31	53%
Wastewater	15	10	7	4	8	0	16	27%
Electrical Engineering	5	2	6	1	5	0	9	15%
Miscellaneous Eng'g Support	2	0	3	1	4	1	3	5%
Totals	50	28	37	12	38	1	59	100%
% of Total CIP by Fund Source	85%		63%		64%			
% of CIP Funding Completed		56%		32%		3%		

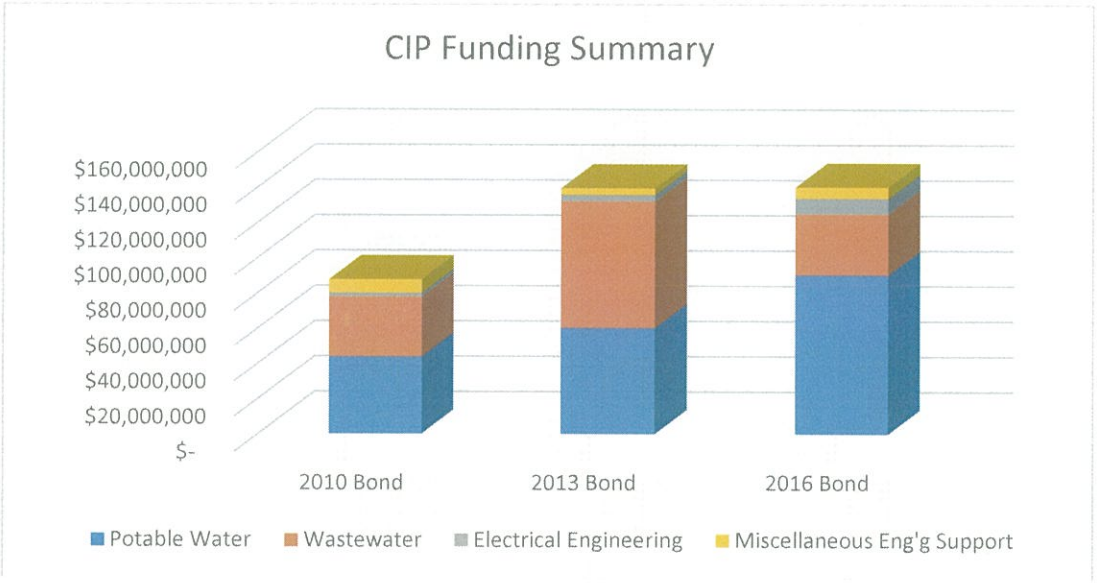

2010 Bond Funded CIP
30
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete


2013 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete


2016 Bond Funded CIP
25
20
15
10
5
0
Potable Water
Wastewater
Electrical Engineering
Miscellaneous Eng'g Support
Funded
Complete

CIP Summary – ProjectAmounts

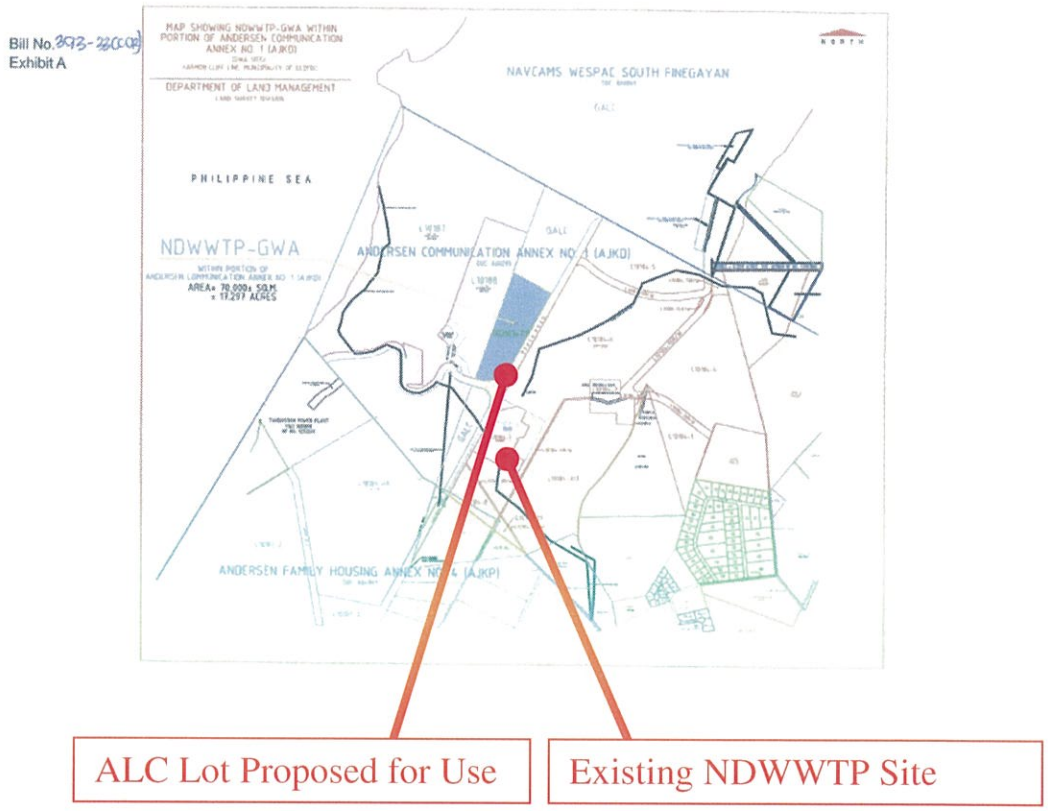
	2010 Bond		2013 Bond		2016 Bond			
	Funded	%	Funded	%	Funded	%	Total CIP Projects	%
Potable Water	$ 43,671,000	50%	$ 60,082,000	43%	$ 90,148,000	65%	$ 193,901,000	53%
Wastewater	$ 34,070,000	39%	$ 71,823,000	52%	$ 34,727,000	25%	$ 140,620,000	38%
Electrical Engineering	$ 1,920,000	2%	$ 3,645,000	3%	$ 8,750,000	6%	$ 14,315,000	4%
Miscellaneous Eng'g Support	$ 7,741,000	9%	$ 3,775,000	3%	$ 6,394,460	5%	$ 17,910,460	5%
Totals	$ 87,402,000	100%	$ 139,325,000	100%	$ 140,019,460	100%	$ 366,746,460	100%
%	23.8%		38.0%		38.2%			



Land Acquisition Status

- ALC property for NDWWTP:
  - Legislation authorizing acquisition submitted;
  - public hearing was held with supporting resolutions and testimony from ALC, CCU and GWA;
  - bill to be heard at next legislative session.
- CLTC properties: On December 27, 2016, DOLM Director found that the appraisals were in order and approved the fair market value established for the lots transferred by public laws to the Guam Waterworks Authority.
- Private properties needed for Court-order improvement projects: completed or pending survey. See Land Acquisition chart below.

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
	Ugum	Private	Relevant documentation sent on 01/05/17 to legal for condemnation process.
	Manenggon	Private	Contract of sale transmitted to property owner. Survey map transmitted 01/10/17 to DOLM for final approval. GWA still awaiting action from property owner.
	Santa Rita	Gov't. – CLTC	Survey map sent on 01/10/17 to DOE for signature.
	Astumbo	Gov't. - CLTC	Survey map on-going
	Upper Tumon	Gov't. - CLTC	Survey map transmitted 01/06/17 to DOLM for final approval.
	Piti	Private	Engineering currently reviewing options for relocating the Piti tank from current location to area east of the Nimitz Estate Subdivision. Second letter sent 01/10/17 to private property owner for interest in land acquisition.
Deep Well	Y-8	Gov't. - CLTC	GWA engineering working to obtain appraisal and survey services.
	AG-12	Dept. of Agriculture/ Manhita Farms	GWA engineering working to obtain appraisal and survey services.
Booster Pump Station	Brigade	Private	Survey severance map transmitted 01/05/17 to surveyor for corrections by DLM. Appraisal report completed. "Offer" letter being drafted for land owner.

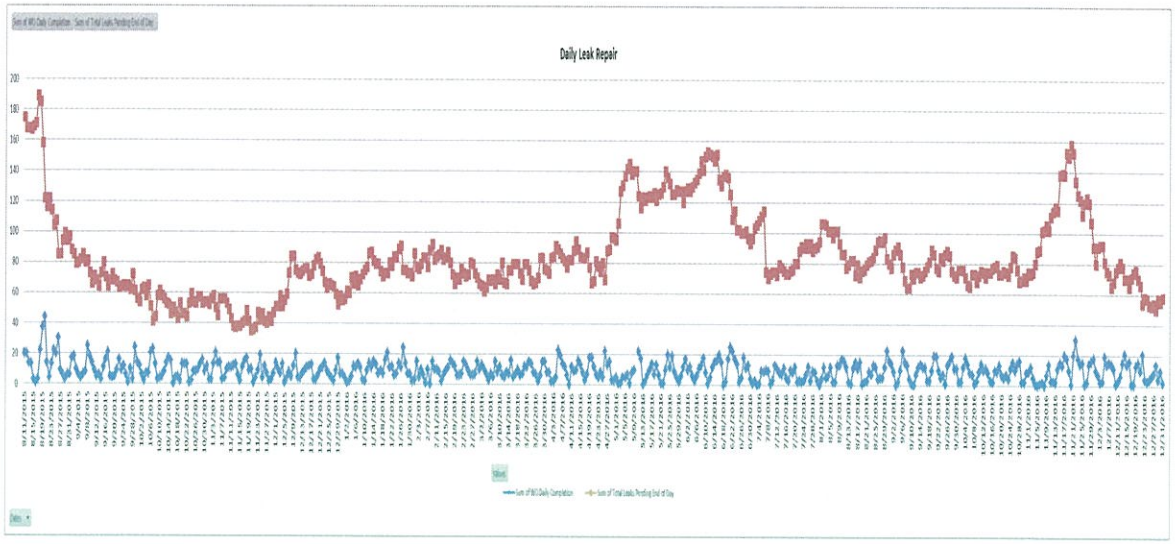


GUAM OFFICE OF PUBLIC AUDITOR FY2016 FINANCIAL HIGHLIGHTS REPORT

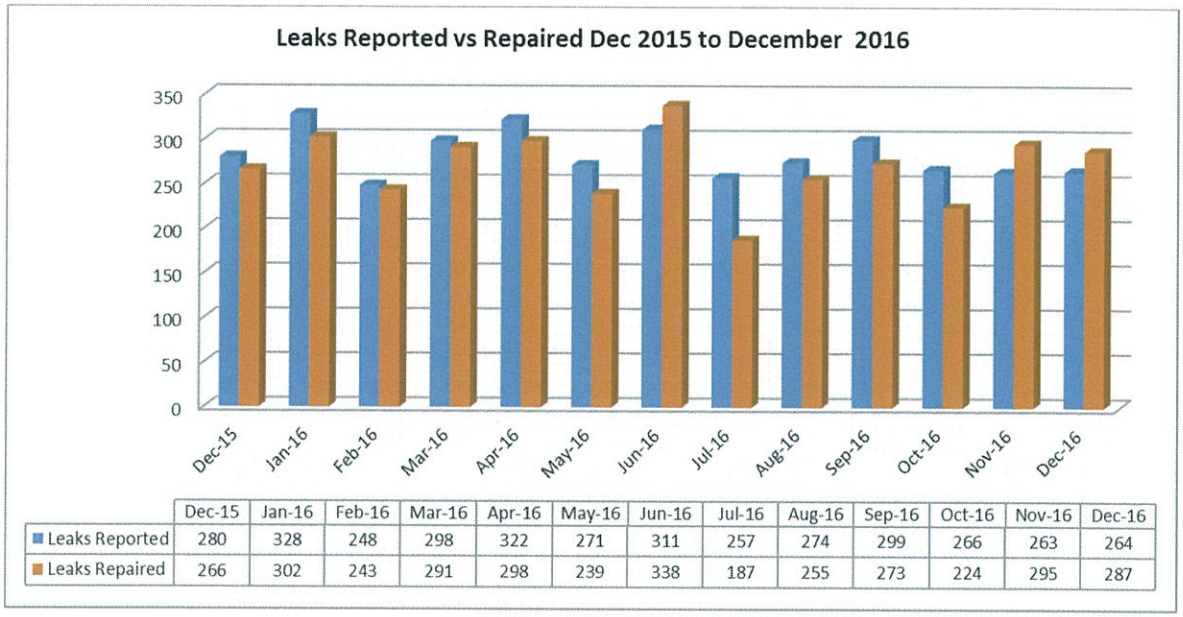
- On January 17, 2017, the Guam OPA submitted their report on GWA's FY2016 Financial Highlights. Items highlighted in this Report were as follows:
    - GWA Achieves Low-Risk Auditee Status
    - Debt Service and Future Borrowings
    - Military Build-up Funding
    - Increase in Operating Revenues, Operating Expenses, N0n-Operating Expenses
    - Unaccounted Water (values calculated using AWWA M-36 standards is 53%)
    - Water Rate History
    - Governmental Accounting Statement – Pension Liability
    - Reports on Compliance and on Internal Control and Major Federal Programs

Key Operational Issues

Leak Repair: WOs Completed & Pending (Daily)
(up to December 31, 2016)

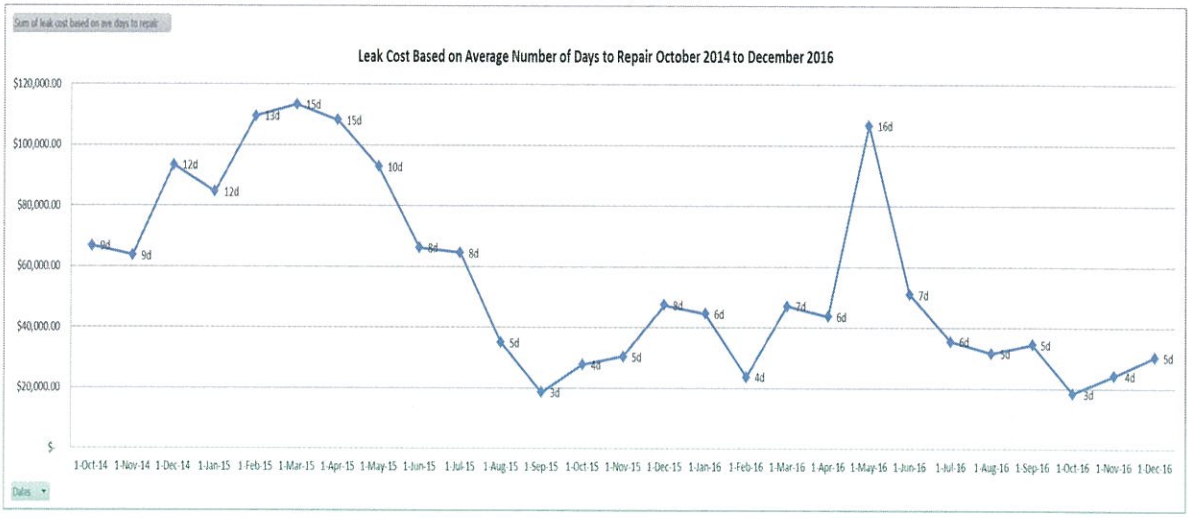


Leak Repair: Leaks Reported and Repaired (Monthly)



	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Leaks Reported	280	328	248	298	322	271	311	257	274	299	266	263	264
Leaks Repaired	266	302	243	291	298	239	338	187	255	273	224	295	287

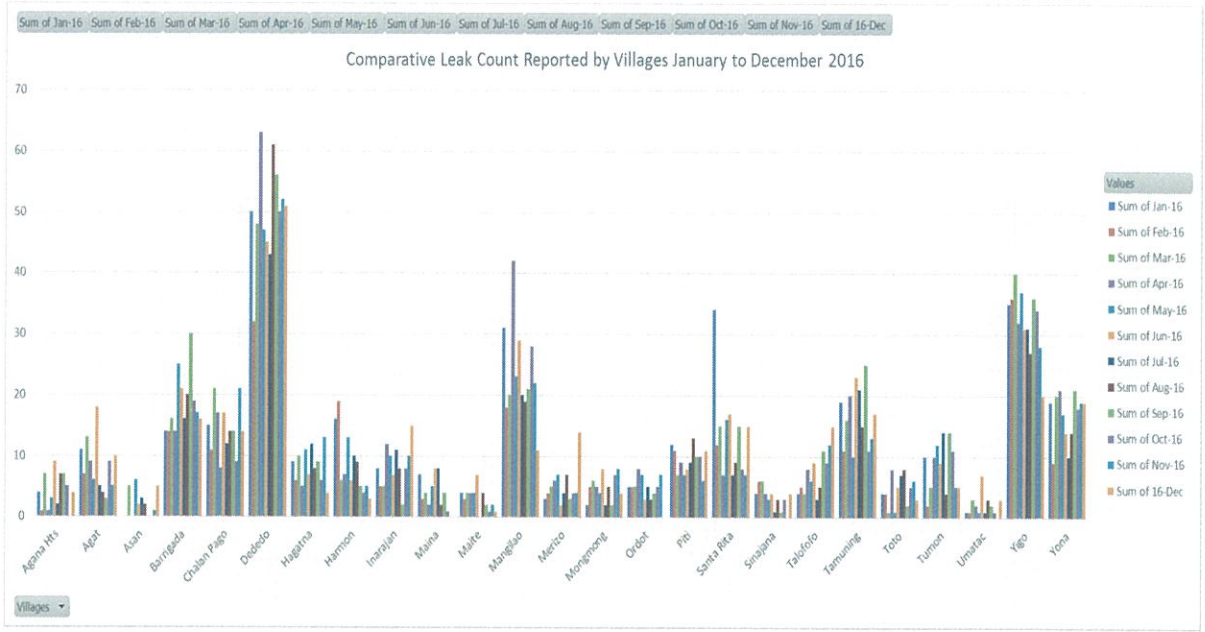
Leak Repair: Cost Savings – Days to Repair (Monthly)



Assumptions:

1. Leak rate = 4 gpm
2. Cost per kgal = $4.00

Leak Repair: Reported by Village



4.2.2 Financials

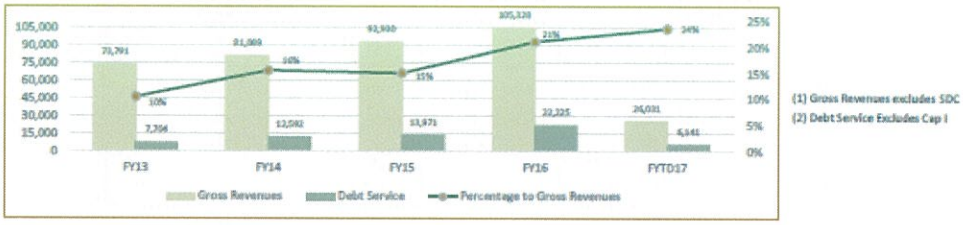
DASHBOARD

December 2016 YTD Budget vs Actual ($000)

Category	Description	Budget FY17	Actual FY17	Variance
Rate Based Revenues	Water	$17,617	$16,227	($1,390)
	Wastewater	$10,137	$9,596	($541)
	Total	$27,754	$25,823	($1,931)
Operations & Maintenance	Salaries & Benefits	$5,675	$4,358	($1,317)
	Power	$3,185	$2,798	($387)
	Water Purchases	$2,029	$1,839	($190)
	A&G	$2,806	$1,992	($815)
	Contractual	$888	$721	($168)
	Total	$20,288	$16,772	($3,516)

Category	FY17	FY16
Accounts Payable $$/Days	$4,789 / 59 days	$4,909 / 55 days
Accounts Receivable $$/Days	$18,104 / 52 days	$16,709 / 51 days
Days Cash On Hand	157 days	178 days
Annual Debt Service (Revenue Bonds)	$24,563	$22,225
Debt Service Coverage (Bond/PUC)	2.16 / 2.62	2.35 / 2.54

Debt as a Percent to Gross Revenue



4.2.3 Resolution No. 11-FY2017Ratification of Poll Vote Amending Positions for the Assistant GM of Operations (AGMO) and the Assistant GM of Administration (AGMA)

Resolution 11-FY2017 asks the Commission to amend the Assistant General Manager of Operations position description and specifications, and salary range to support the Agency's daily operations within its Water and Wastewater Divisions; providing effective and efficient delivery of safe drinking water and services to the community. It also asks to amend the Assistant General Manager of Administration position title, position description, and salary range to support the Agency's daily operations within its Administrative and Support Divisions providing quality customer service to both internal and external customers at the most effective, efficient and cost-effective manner.

The Agency currently employs just one Assistant General Manager for Compliance & Safety, while the other divisions of as much importance function without an Assistant General Manager at its helm, thus limiting effective communications direct to the General Manager while at the same time, affecting operations to provide statuses by Superintendents or Managers, who would otherwise be addressing the water | wastewater needs of our community. The Assistant General Manager of Operations, if approved, will be under the direct supervision and management of the General Manager while overseeing and ensuring optimal performance of our Water and Wastewater Divisions. The Assistant General Manager of Administration & Support, if approved, will be under the direct supervision and management of the General Manager while overseeing the following divisions: Human Resources, Procurement, Supply & Warehouse, Fleet & Equipment, Information Technology and Engineering.

Public Law 28-112, Section 9 (3) requires GPA and GWA to post a petition on their websites for ten (10) days (not including Saturdays, Sundays and government of Guam holidays). After the 10 days posting, the petition can then be forwarded to the CCU for their disposition at any regularly scheduled meeting. GWA has met the posting requirements. Additionally, Guam law requires notice of such posting to each newspaper of general circulation and broadcasting station, which airs regular news programs within Guam.

GWA will certify funding for the position available for the filling and retention of its certified, technical and professional newly created position. The funding of this position does not have an impact on the General Fund.

Comm. Santos moved to approved Resolution 11-FY2017; Comm. Bamba seconded. There was no further discussion or objection and the motion passed unanimously.

4.2.4 Resolution No. 12-FY2017 Ratification of Poll Vote of Bid Award for Diesel Fuel Oil No. 2 and Regular Unleaded Automotive Gasoline for Transportation Fleet / Heavy Equipment

To supply GWA Diesel Fuel Oil No. 2 and Regular Unleaded Automotive Gasoline for GWA's Transportation Fleet and Heavy Equipment, and Yes, it's necessary and urgent, without the fuel, GWA cannot meet its daily operational needs and activities. The estimated fuel cost for Unleaded gasoline with Mobil Oil Guam is $1.523 per gallon at 115,000 gallons of unleaded gasoline per year at a cost of $175,145.00. The estimated fuel cost for Diesel Fuel with IP&E is $1.3200 per gallon at 50,000 gallons of diesel per year at a cost of $66,000. The estimated annual total is $241,145.00 and will be funded through O&M. Fuel Services for GWA's vehicle and equipment fleet will be on-going for the duration of the initial 3-year contract with the option to renew for an additional 2 years, 1-year term.

Comm. Sanchez moved to approve Resolution 12-FY2017; Comm. Santos seconded. On the motion, there was no further discussion or objection and the motion passed.

4.2.5 Resolution No. 13-FY2017 Ratification of Poll Vote Relative to Baza Gardens WW Conveyance and Pumping Phase II Project

The objective of the overall intent of the "Baza Gardens Wastewater Cross Island Pumping and Conveyance" project is to convey/pump the wastewater treated at the Baza Gardens WWTP to the new Agat-Santa Rita WWTP along Route 17. This construction procurement is Phase II of multiple three phases. Phase I is current in construction. Phase II involves construction of one sewer pump station located near Windward Hills Country Club with 3-75 hp pump and standby generator, 1767 linear feet of gravity line with sizes 15 inches in diameter and 14,298 linear feet of 12 inches in diameter and force main. The impetus of this project is the 2011 Court Order requirements under Paragraph 13, but which GWA has established deadlines under Paragraph 14. The urgency for this project is that GWA is working to issue an NTP for construction by January 31, 2017 in order to stay within the projected project completion date. The construction contract length of this project is 365 calendar days after an NTP is issued to the contractor.

Phase II project is located along Route 17 closest to Baza Gardens. The bid proposal amount for Phase II is Five Million Nine Hundred Nineteen Thousand Forty Five Dollars and Forty Three Cents ($5,919,045.43). GWA management is also seeking a 5% contingency of the bid amount or Two Hundred Ninety Five Thousand Nine Hundred Fifty Two Dollars and Twenty Seven Cents ($295,952.27) which would bring the total authorized funding amount to Six Million Two Hundred Fourteen Thousand Nine Hundred Ninety Seven Dollars and Seventy Cents ($6,214,997.70). The funding for this project will be from the 2016 Bond Funds under the line items CIP WW 11-03 "Baza Gardens STP Replacement" and Internally Funded CIP.

Comm. Sanchez motioned to approve Resolution 13-FY2017; Comm. Guthertz seconded. There was no further discussion or objection and the motion carried.

4.2.6 Resolution No. 14-FY2017 Relative to GWA's Bond Reallocation and CIP Update

The objective of the resolution is to reallocate 2010, 2013 and 2016 Bond proceeds from CIP line items, which contain a "balance" from which CIP projects can be deferred until a later date so as to move forward with CIP projects that do not have sufficient funding to execute a contract. In addition this resolution seeks CCU approval of the Updated Capital Improvements Plan "January 2017" given the requested reallocation of bond funds will affect availability of CIP bond funding.

The Bond reallocation will affect the Baza Gardens WWTP (WW 11-03), Umatac-Merizo WWTP (WW 12-07) and Northern District WWTP (WW 17-02). Funds from the 2010, 2013 and 2016 Bond fund totaling Twenty-Nine Million Six Hundred Thousand Dollars ($29,600,000.00) will be reallocated to the three WWTPs noted above. The construction contract length of this project is 365 calendar days after an NTP is issued to the contractor.

Comm. Guthertz motioned to approve Resolution 14-FY2017; Comm. Bamba seconded. There was no further discussion or objection and the motion passed.

4.2.7 Resolution No. 15-FY2017 Relative to Program Management/Construction Management Contract for the Office of Economic Adjustment "Guam Water and Wastewater Infrastructure Improvements" Project

Collaborative discussions between GWA, the CCU, the Office of the Governor of Guam, DoD, USEPA and the Office of Economic Adjustment (OEA) resulted in GWA being deemed the proper entity to serve as "owner and operator" of the Guam civilian water and wastewater projects which are necessary given the impacts associated with the Marines Corps relocation to Guam. The objective of the resolution is to seek approval for Brown and Caldwell to be the Program Management/Construction Management (PM/CM) team who will provide support services related to design, construction and operational needs as part of the execution of the Guam Civilian water and wastewater projects which are necessary.

The projects the PM/CM will provide support services for include the NDWWTP Treatment Upgrades, the GWA Interceptor Sewer Refurbishment (AAFB to NDWWTP), and the NGLA Monitoring System Expansion/Rehabilitation.

The project locations are the NDWWTP Treatment Upgrades which will convert the plant from advance primary treatment to secondary treatment, (2) the GWA Interceptor Sewer Refurbishment (AAFB to NDWWTP) to rehabilitate sewer lines ranging in sizes from 18 inches to 42 inches, and (3) the NGLA Monitoring System Expansion/Rehabilitation which is a project that intends to refurbish up to twelve existing monitoring wells and installation of up to seven new monitoring wells at various locations on DoD and GovGuam property over the northern Guam lens.

The fee for the project management and construction management services to be provided is a fixed fee amount of Fourteen Million Seven Hundred Ninety Thousand Three Hundred Forty-Six Dollars ($14,790,346.00). GWA Management further seeks CCU approval of a five percent (5%) contingency of Seven Hundred Thirty Nine Thousand Five Hundred Seventeen Dollars and Thirty Cents ($739,517.30) that would bring the total funding amount to Fifteen Million Five Hundred Twenty Nine Thousand Eight Hundred Sixty-Three Dollars and Thirty Cents ($15,529,863.30). The program management/construction management services will be for a five-year (5) period.

Comm. Bamba motioned to approve Resolution 15-FY2017; Comm. Sanchez seconded. There was no further discussion or objection and the motion passed unanimously.

4.2.8 Resolution No. 16-FY2017 Relative to Amending the Construction Management Services for the PW 12-04 Chaot and Agana Heights Design/Build Reservoir Replacement Project

The objective of the resolution is to amend the current contract with AMOrient Engineering to cover construction management services that occurred between the period December 2015 to December 2016 work which was due to continued delays from the construction contractor. The project location is at Chaot and Agana Heights reservoir locations. The amendment of the contract would increase the contract value an additional Three Hundred Forty Six Thousand Five Hundred Forty-One Dollars ($346,541.00) to bring the total contract amount to One Million Six Hundred Twenty Eight Thousand Five Hundred Twenty-One Dollars and Twenty Eight Cents ($1,628,521.28). Funds from the liquidated damages received from the contractor due to delays on project completion will be applied to fund the construction management work. GWA management also contemplates using Internal Funded CIP, along with PW 12-04 and PW 05-05 as alternate sources until such time "re-imbursement" from funds held from the contractor as part of liquidated damages is made.

Comm. Bamba motioned to approve Resolution 16-FY2017; Comm. Guthertz seconded. There was no further discussion or objection and the motion passed.

5. OLD BUSINESS – None

6. ANNOUNCEMENTS

6.1 Next CCU Meetings

The Chairman announced that the next meeting would be a work session for GWA on Feb. 15, followed by GPA work session on Feb. 16 and CCU regular monthly meeting on Feb. 21.

He then asked for a motion to move the meeting to Executive Session and referenced legal counsel's related affidavit.

Comm. Bamba motioned to move the meeting to Executive Session; Comm. Guthertz seconded and the meeting moved to Executive Session..

The Chairman called for a 10 minute recess before executive session.

7. **EXECUTIVE SESSION**

7.1 Personnel Matter

Executive Session began at 7:40 p.m, and this matter was discussed.

8. **ADJOURNMENT**

There was no further business to bring before the Commission and the meeting was adjourned at 8:50 p.m.

\\s\\
bls

Attested:

JOSEPH T. DUENAS, Chairman

J. GEORGE BAMBA, Secretary

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 18-FY2017

RELATIVE TO APPROVAL OF THE ROUTE 1 (ASAN-ADELUP-HAGATNA) SEWER REHABILITATION ASAN SEWER BREAK REPAIR CONTRACT WITH PACIFIC RIM CONSTRUCTORS, INC. PROJECT S15-002-EPA

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 received a grant from USEPA under the State Revolving Fund program to improve the sewer collection system, which included gravity sewer line along Route 1, from the Asan "War in the Pacific" National Historical Park to the Agana Main Pump Station; and

WHEREAS, the stretch of gravity sewer line indicated is deteriorating and has experienced collapses in a number of locations to include 88 linear feet of existing 18-inch diameter gravity sewer line near Harley-Davidson and 130 linear feet of existing 18-inch diameter gravity sewer line in front of the War in the Pacific Park, and the intent of this project is to rehabilitate, repair or replace these collapsed sections; and

WHEREAS, GWA and USEPA agree that efforts to rehabilitate, repair or replace these sewer line are necessary to properly maintain and operate the sewer collection system; and

WHEREAS, GWA has advertised the Invitation to Bid (IFB-01-ENG-2017) soliciting bid proposals from experienced and responsive bidders to repair and/or replace segments of gravity sewer lines for the Route 1 (Asan-Adelup-Hagatna) Sewer Rehabilitation Asan Sewer Break Repair Project; and

WHEREAS, this phase of work consists of furnishing all labor, tools, equipment and materials, as well as coordination efforts with GWA, DPW, etc., that are necessary; and

WHEREAS, Invitation for Bid (IFB) packages were obtained by multiple interested parties, from which GWA received bid proposals from four (4) parties (see EXHIBIT A – Abstract of Bids) before the bid proposal deadline; and

WHEREAS, GWA reviewed the bid package from the apparent lowest bid, Propacific Builder Corporation, and subsequently determined the bid submitted by Propacific Builder Corporation was non-responsive after which GWA transmitted a disqualification letter dated December 29, 2016 (See EXHIBIT B); and

WHEREAS, GWA entertained a meeting request from Propacific Builder Corporation as a result of the disqualification letter to explain their bid proposal but which further clarified to GWA that Propacific Builder Corporation did not follow the instruction of the bid process which was why GWA believed their bid price was substantially lower than all other bidders; and

WHEREAS, GWA did receive a protest letter from Propacific Builder Corporation dated January 23, 2017 to the disqualification letter dated December 29, 2016 which GWA then issued a "Notice of Decision" letter dated January 24, 2017 (See Exhibit C) stating essentially that any protest to GWA regarding the bid should have been received by January 13, 2017 and as such GWA will not stay the procurement proceedings; and

WHEREAS, GWA obtained assistance from the Design Engineer of Record (EOR) to review/evaluate the next lowest bid proposal received (see EXHIBIT D – Evaluation) and determined that Pacific Rim Constructors, Inc. ("PRC") submitted a responsive and responsible bid and met all the bid requirements set forth by GWA; and

WHEREAS, the basis of award for this project consists of the base bid to rehabilitate and replace the 88 linear feet of collapse gravity sewer line near Harley-Davidson, and the additive bid to rehabilitate, repair or replace other sections within the project boundary where a collapse or suspected collapse has occurred; and

WHEREAS, GWA Management seeks approval of PRC's bid proposal (See Exhibit E) in the amount of Seven Hundred Fifty-Seven Thousand Three Hundred Two Dollars ($757,302.00) for the base bid, and One Million Seven Hundred Thirteen Thousand Three Hundred Fifty-Six Dollars ($1,713,356.00) for the additive bid, for a total basis of award amount of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00); and

WHEREAS, funding for this project will be from USEPA Grant Funds; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds that the terms of the fee proposal submitted by PRC are fair and reasonable.
3. The CCU finds that the terms of the conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
4. The CCU hereby authorizes the management of GWA to enter into a contract with PRC in the amount of Seven Hundred Fifty-Seven Thousand Three Hundred Two Dollars ($757,302.00) for the base bid, and One Million Seven Hundred Thirteen Thousand Three Hundred Fifty-Six Dollars ($1,713,356.00) for the additive bid (Exhibit E).
5. The CCU hereby further approves the total authorized funding amount for the basis of award for this project to a maximum of Two Million Four Hundred Seventy Thousand Six Hundred Fifty-Eight Dollars ($2,470,658.00).

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

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DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

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

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

AYES: 4

NAYS: 0

ABSTENTIONS: 1

ABSENT: 0

ORIGINAL

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

Project Name: **ROUTE 1 SANITARY SEWER REHABILITATION AND REPLACEMENT (ASAN-ADELUP-HAGATNA)**
ASAN SEWER BREAK REPAIR
Project Number: **S15-002-EPA; IFB-01-ENG-2017**

Bid Opening Date: December 16, 2016
Bid Opening Time: 3:00 pm

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										BASE BID	ADDITIVE BID	BASE BID + ADDITIVE BID
			Bidder Qualification Form	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Shareholders Affidavit	Special Instructions to Bidders	Addendum 1	Addendum 2			
1.	PERNIX	–													–
2.	RELIABLE BUILDERS, INC.	–													–
3.	REX INTERNATIONAL INC.	Dongbu Insurance Company, LTD 15% of total Bid Amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$866,000	$1,646,000	$2,712,000.00
4.	GIANT CONSTRUCTION CORP.	Dongbu Insurance Company, LTD 15% of total Bid amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$728,780	$1,880,400	$2,609,180.00
5.	PROPACIFIC BUILDER CORP.	Endurance Reinsurance Corporation of America, 15% of total Bid Amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$252,390	$702,600	$954,990.00
6.	PACIFIC RIM CONSTRUCTORS, INC.	Ironshore Indemnity Inc. 15% of Bid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	$757,302	$1,713,356	$2,470,658.00
7.	CHI CONSTRUCTION INC.	–													–
	GWA Estimate												$421,543	$1,480,717	$1,902,260.00

Bids Opened and Read by: GLORIA BENSAN (Name and Signature)

Tabulated By: George Watson (Name and Signature)

GWA Procurement Representative: Victoria Heacock (Name and Signature)

Witnesses:

Exhibit A (1 of 1)

Doc. No. 34GL-17-0811.*

Exhibit B (1 of 2)

GUAM WATERWORKS AUTHORITY
Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
P.O. Box 3010, Hagatna, Guam 96932
Tel. No. (671) 300-6846

December 29, 2016

Jean Yeon Yu
President
Propacific Builder Corporation
750 Route 8
Suite 202, Hanam Plaza
Barrigada, Guam 96913

Re: Route 1 Sanitary Sewer Rehabilitation and Replacement (Asan-Adelup-Hagatna)
Asan Sewer Break Repair
GWA Project No. S15-002-EPA

Hafa Adai Ms. Yu,

We regret to inform you that your bid proposal for the above referenced project has been deemed to be non-responsive pursuant to Section 1, subsections 1-21, 1-22, and 1-23 of the bid as well as 5 G.C.A. § 5201(g) and (h), 2 GAR 3109(n)(2) and 2 G.A.R. § 3115(e) and non-responsible under 2 GAR § 3116, as well as other provisions of the Guam Procurement Code not listed herein. Thus, your bid is hereby rejected and will not be considered for award. The Guam Waterworks Authority (GWA) decision was based on the following factor:

1. Unrealistically Low Price.

After in-depth analysis, GWA determined that your bid was not responsive in accordance with Section 1 - Bid Submission Requirements, Paragraph 1-21. Disqualification of Bidders items (b) and (c). Propacific Builder Corporation's (Propacific) proposal for this solicitation was $252,390 for Base Bid and $702,600 for Additive Bid for a total combined bid amount of $954,990.00 which was used to evaluate the basis for award. Both the Base and Additive bids submitted by Propacific are unusually and unreasonably low at 50.2 % of GWA's total estimate of $1,902,260.

Therefore, because the bid submitted by Propacific for this procurement is non-responsive, GWA will not award the project to Propacific. It is in the best interest of the Guam Waterworks Authority to the lowest responsive and responsible bidder. Should you have any questions

Exhibit B (2 of 2)

pertaining to this rejection, please submit them in writing to the person stated in the bid documents within three days (3) after receipt of this letter.

Please keep in mind that this determination will not affect the ability of Propacific to submit bids on future Guam Waterworks Authority projects.

Sincerely,

MIGUEL C. BORDALLO, P.E.
General Manager

cc: GWA Legal Counsel

MCB;gb TFC

Exhibit C (1 of 1)

COPY

GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives."
Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
P.O. Box 3010, Hagatna, Guam 96932
Tel. No. (671) 300-6846/48 Fax No. (671) 648-3290

January 24, 2017

VIA HAND DELIVERY

Mr. Jean Yeon Yu
President
Propacific Builder Corporation
P.O. Box 7446
Tamuning, GU 96931

NOTICE OF DECISION

Re: GWA's Decision regarding Propacific Builder Corp.'s January 23, 2017 Protest of Rejection of Bid; GWA Project No. S15-002-EPA Route 1 Sanitary Sewer Rehabilitation and Replacement (Asan-Adelup-Hagatna) Asan Sewer Break Repair

Dear Mr. Yu:

Pursuant to 5 G.C.A. § 5425(a) the right of Propacific Builder Corporation ("PBC") to protest GWA's decision to reject PBC's bid on the aforementioned project has expired. It is GWA's position that the 14-day statutory period to file PBC's protest remained open until January 13, 2017. The protest is also denied on the grounds that PBC's bid was non-responsive as set forth in the 12/29/16 letter from GWA.

Due to the PBC protest being untimely, GWA will not stay the procurement proceedings.

PBC has the right to seek administrative and judicial review.

Sincerely,

Miguel C. Bordallo, P.E.
General Manager

MCB/koc

RECEIVED
1/24/17
2:56 pm.

Exhibit D (1 of 5)

February 9, 2017

Mr. Thomas F. Cruz, PE
Chief Engineer
The Guam Waterworks Authority
Engineering Division
Gloria B. Nelson Public Service Building
688 Rt. 15
Mangilao, Guam 96913

SUBJECT: Route 1 Sewer Line Rehabilitation and Replacement (Asan-Adelup-Hagatna,), Asan Sewer Break Repair, GWA Project No. S15-002-EPA – Clarification of Bid Award and Bid Tabs

Dear Mr. Cruz,

HDR provided a letter dated December 30, 2016 for the Asan Sewer Break Repair project outlining the results of the bid submissions, the various erroneous items that were found in the bids submitted and we provided a recommendation for award based upon this evaluation. Additionally, it was noted in this letter that there was an error made on the bid schedule for line item 40, where no quantity was provided on the bid schedule, therefore a clarification was provided as to what HDR did when the comparison was made on all of the bidders bid schedules. This information was provided to GWA in both that letter, as well as the bid tab calculations.

Now that GWA intends to award the base bid + additive items (Basis of Award) to Pacific Rim Constructors, Inc., this letter is acting to serve as clarification to the total bid award amount for Pacific Rim Constructors, Inc.

Since HDR used a quantity of "0" to compare all bidders for Item 40 and as explained in our December 30, 2016 letter, we would like to provide clarification that the total bid amounts as described and tabulated in this HDR letter, is less that the amount that was tabulated by Pacific Rim Constructors, Inc. for their bid and as read during the bid opening. Pacific Rim Constructors, Inc. assumed a quantity of "1" in their bid schedule submission, therefore their total bid amount as tabulated and read at the bid opening is shown below in the table:

	Base Bid	Additive Bid	Base Bid + Additive Bid Total
Pacific Rim Constructors, Inc.	**$757,302.00**	**$1,713,356.00**	**$2,470,658.00**

hdrinc.com

134 W. Soledad Ave., Suite 404, Hagatna, GU 96910
T 671.989.5558 F 671.989.5557

If you should have further questions, please feel free to call me at 989-5558.

Sincerely,

HDR Engineering, Inc.

Nick Manley
Project Manager

December 30, 2016

Mr. Thomas F. Cruz, PE
Chief Engineer
The Guam Waterworks Authority
Engineering Division
Gloria B. Nelson Public Service Building
688 Rt. 15
Mangilao, Guam 96913

SUBJECT: Route 1 Sewer Line Rehabilitation and Replacement (Asan-Adelup-Hagatna,), Recommendation of Bid Award, GWA Project No. S15-002-EPA

Dear Mr. Cruz,

HDR has reviewed the four (4) bid submissions submitted for the Asan Sewer Break Repair from the following construction contractors:

1. ProPacific Builder Corporation
2. Pacific Rim Constructors, Inc.
3. Giant Construction Corporation
4. Rex International, Inc.

All bid submissions included all of the required bidding forms to be submitted as part of the bid package as described on the procurement checklist that was included with the solicitation. However there were two items noted for further review:

1. Pacific Rim Constructors did not include a financial statement in the bid, but stated it could be provided as needed.
2. ProPacific Builder Corporation and Rex International, Inc. have not determined who their required Disadvantaged Business Enterprise (DBE) subconsultants are going to be and the amount of contract value that will be going to them to determine that they meet the percentages that GWA has determined and as listed in the solicitation.

Prior to the bid opening and during the course of providing an updated engineer's cost estimate, it was noticed that a quantity was missing for line item 40 on the proposal bid schedule. HDR notified Gloria Bensan of this mistake; however it was too late to issue an addendum in time to the contractors. I only mention this, because in the course of review of the bid proposal schedules, there were some contractors that assumed a quantity of zero (0) and others that used a quantity of one (1). For those that

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used a quantity of one (1), that line item cost value was removed from their bids and is reflective on the attached bid tabulation and shown below in the table of revised.

Additionally, the following cost deficiencies were found in the bid proposals:

As submitted by Pacific Rim Constructors, Inc.:

1. There were some minor calculation errors in what the unit cost price times the quantities resulted in for a total cost as compared to what was placed on the bid schedule. This resulted in amounts that were $1.00 or less per line item. The unit cost would still be the same in all of these cases; therefore the unit costs were multiplied by the quantity to get the total cost as shown on the bid tab. There were some significant cost deficiencies as described below.
2. Proposal Bid Schedule Line Item 2, the unit cost is shown to be $3,493.76/LF for a quantity of 134 LF and a total cost of $468,163.84, which the bid schedule shows $381,970 for a difference of $86,193.84. The unit cost value was held as correct, resulting in the revised total cost of $468,163.84 to be used as shown in the bid tab.
3. Proposal Bid Schedule Line Item 11, the unit cost is shown to be $189.43/LF for a quantity of 134 LF and a total cost of $25,383.62, which the bid schedule shows $26,454 for a difference of $1,070.38. The unit cost value of $25,383.62 was held as correct, resulting in the revised total cost of $25,383.62 to be used in the bid tab.
4. Proposal Bid Schedule Line Item 13, the unit cost is shown to be $569.67/SY for a quantity of 82 SY and a total cost of $46,712.94, which the bid schedule shows $52,417 for a difference of $5,704.06. The unit cost value was held as correct, resulting in the revised total cost of $46,712.94 to be used in the bid tab.
5. Proposal Bid Schedule Line Item 18, the unit cost is shown to be $106.27/LF for a quantity of 134 LF and a total cost of $14,240.18, which the bid schedule shows $16,446 for a difference of $2,205.82. The unit cost value was held as correct, resulting in the revised total cost of $14,240.18 to be used in the bid tab.
6. Proposal Bid Schedule Line Item 23, the unit cost is shown to be $59.30/LF for a quantity of 134 LF and a total cost of $7,946.20, which the bid schedule shows $8,858 for a difference of $911.80. The unit cost value was held as correct, resulting in the revised total cost of $7,946.20 to be used in the bid tab.

As submitted by Giant Construction Corporation:

1. Proposal Bid Schedule Line Item 18, the unit cost is shown to be $180.00/LF for a quantity of 88 LF and a total cost of $15,840, which the bid schedule shows $54,840 for a difference of $39,000. The unit cost value was held, resulting in the revised total cost of $15,840 to be used in the bid tab.
2. Proposal Bid Schedule Line Item 37, the unit cost is shown to be $300.00/LF for a quantity of 222 LF and a total cost of $66,600, which the bid schedule shows $66,000 for a difference of $600. The unit cost value was held, resulting in the revised total cost of $66,600 to be used in the bid tab.

Exhibit D (5 of 5)

With the removal of Line Item 40 altogether out of everyone's bids, the revised bid summary is the following:

	ProPacific	Pacific Rim	Giant Const. Corp.	Rex International, Inc.
Base Bid	$252,390.00	$757,302.00	$689,780.00	$866,000.00
Base Bid + Additive Bids (Basis of Award)	**$954,990.00**	**$2,462,089.40**	**$2,566,680.00**	**$2,712,000.00**
Base Bid + Alternative Bid #1	556,690.00	1,525,845.18	1,080,080.00	1,024,800.00
Base Bid + Alternative Bid #2	576,210.00	1,525,896.21	1,336,100.00	1,407,000.00

Despite the cost discrepancies with both Pacific Rim Constructors and Giant Construction Corporation on their respective bid tabs, the Basis of Award total as seen above, still ranks the bidders in the same order as during the bid opening.

The basis of award was the base bid plus the additive bids, which results in the lowest bidder to be ProPacific Builder Corporation. The bid amount was significantly lower than the engineer's estimate and also significantly lower than all of the other bidder's bids. The unit cost for steel sheet piling at $5/SF stands out as a very low cost for this work to be performed. Under Section A, Paragraph 1-21, GWA reserves the right to disqualify a bidder for an unusually low bid and it is recommended that GWA consider that option with ProPacific Builder Corporation and their bid.

If ProPacific Builder Corporation is disqualified, it is recommended that GWA proceed ahead with awarding the Base Bid+Additive Bids to the next lowest bidder, Pacific Rim Constructors, Inc. GWA will need to get resolved the discrepancies in the proposal bid schedule of Pacific Rim Constructors as noted in this letter.

It is not recommended that Base Bid+Alternative #1 or Base Bid+Alternative #2 be awarded. It is recommended that the scope of work making up Alternative #1, be placed back into the overall Route 1 Sewer Rehabilitation and Replacement project to be included with the Cured in Place Pipe (CIPP) that is proposed to be completed under that contract.

If you should have further questions, please feel free to call me.

Sincerely,

HDR Engineering, Inc.

Nick Manley
Project Manager

Exhibit E (1 of 6)

From: George Watson
To: Thomas Cruz
Subject: FW: Asan Sewer Line Project
Date: Thursday, February 09, 2017 10:16:56 AM
Attachments: 1875_001.pdf
ATT00001.htm

From: Keith Stewart [mailto:kstewart@pacificrimco.net]
Sent: Friday, January 20, 2017 2:28 PM
To: Gloria Bensan <gpbensan@guamwaterworks.org>
Cc: George Watson <gwatson@BrwnCald.com>; Narcisa Dimaoala <ndimaoala@pacificrimco.net>
Subject: Asan Sewer Line Project

Hi Gloria,

Please accept this email as Pacific Rim Constructors, Inc. confirmation that we are in agreement with the Base Bid and Additive Bid Item totals in our proposal ($757,302 and $1,713,356, respectfully) for a total amount of $2,470,658.00.

Attached is the Proposal Bid Schedule Breakdown as requested.

Please let me know if you have any questions. We look forward to working with the GWA team on this project.

Thank you.

Keith

Keith Stewart, LEED AP, President
Pacific Rim Group of Companies
P.O. Box 11049, Tamuning, GU 96931
kstewart@pacificrimco.net
c: 671-988-9960
o: 671-989-9960

Proposal Bid Schedule
(Revision 1)

Base Bid Description of Work:
Replace approximatley 88 linear feet of existing 18-inch diameter asbestos cement pipe (ACP) gravity sewer line with new 18-inch diameter polyvinyl chloride (PVC) sewer line. Remove and dispose of approximately 88 linear feet of 18-inch diameter ACP. Clean approximately 222 linear feet of existing 18-inch diameter gravity sewer line. Provide temporary bypassing and traffic control as necessary to facilitate the replacement work.

Additive Bid Item:
The additive bid items are work items that can be used at the discretion of GWA, either individually or in any combination and in any quantity amount up to those listed for each individual bid item to assist GWA with other repairs along the Route 1 sewer main. Each individual additive bid item shall include mobilization and demobilization within the individual bid item's unit price.

Alternate Bid #1 Description of Work:
Rehabilitate approximately 222 linear feet of 18-inch diameter sewer line with cured-in-place pipe (CIPP) liner. Reinstate sewer laterals after CIPP rehabilitation is complete. Provide additional temporary bypassing and traffic control as necessary to facilitate the rehabilitation work.

Alternate Bid #2 Description of Work:
Replace approximately 134 linear feet of additional existing 18-inch diameter asbestos cement pipe (ACP) gravity sewer line with new 18-inch diameter polyvinyl chloride (PVC) sewer line. Remove and dispose of approximately 134 linear feet of 18-inch diameter ACP. Reconnect sewer laterals after new pipe installation is complete. Provide additional temporary bypassing and traffic control as necessary to facilitate the replacement work.

				Basis of Award							
				Base Bid		Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization)		Alternative Bid #1		Alternative Bid #2	
Item No.	Description	Unit	Unit Price	Qty	Bid Amount	Qty	Bid Amount	Qty	Bid Amount	Qty	Bid Amount
1	Mobilization and Demobilization	Lump Sum	$ 75,730.20	1	$ 75,730.20						
2	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (Base Bid & Alternative Bid #2)	Lin. Ft.	$ 3,493.76	88	$ 307,450.88					134	$ 468,163.84
3	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (0'-10' Depth)(Additive Bid Item)	Lin. Ft.	$ 2,821.77			160	$ 451,483.20				
4	Unclassified Trench Excavation for Pipe Repair Work, including pavement demolition, shoring, or bracing, underpinning, positive groundwater control, protection and support of structures and utilities, removal of trench support, select fill, flowable fill, traffic covers, and all incidentals required to complete the work. (10'-20' Depth)(Additive Bid Item)	Lin. Ft.	$ 2,764.76			260	$ 718,837.60				
5	Steel Sheet Piling, including full installation and removal. (Additive Bid Item)	S.F.	$ 38.50			6000	$ 231,000.00				
6	Dewatering and dewatering effluent disposal (Base Bid)	Lump Sum	$ 49,014.00	1	$ 49,014.00						
7	Dewatering and dewatering effluent disposal (Alternative Bid #2)	Lump Sum	$ 59,460.00							1	$ 59,460.00
8	Removal and disposal of existing 12-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 145.78			40	$ 5,831.20				
9	Removal and disposal of existing 14-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 121.31			120	$ 14,557.20				

Doc. No. 34GL-17-0811.*

Exhibit E (2 of 6)

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
10	Removal and disposal of existing 16-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 120.25			220	$ 26,455.00				
11	Removal and disposal of existing 18-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Base Bid and Alternative Bid #2)	Lin. Ft.	$ 189.43	88	$ 16,669.84					134	$ 25,383.62
12	Removal and disposal of existing 18-inch diameter asbestos cement pipe, and all incidentals required to complete the work. (Additive Bid)	Lin. Ft.	$ 205.28			40	$ 8,211.20				
13	A.C. Pavement Resurfacing, including pavement transitions, prime coat, tack coat, traffic striping, miscellaneous restoration, and all necessary labor, materials and equipment, in place complete. (Base Bid & Alternative #2)	Sq. Yds.	$ 569.67	54	$ 30,762.18					82	$ 46,712.94
14	A.C. Pavement Resurfacing, including pavement transitions, prime coat, tack coat, traffic striping, miscellaneous restoration, and all necessary labor, materials and equipment, in place complete. (Additive Bid)	Sq. Yds.	$ 538.11			300	$ 161,433.00				
15	Pipe Repair; install new 12" PVC pipe (AWWA C-900, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (0'-10' Depth) (Additive Bid)	Lin. Ft.	$ 105.33			40	$ 4,213.20				
16	Pipe Repair; install new 14" PVC pipe (AWWA C-905, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (0'-10' Depth) (Additive Bid)	Lin. Ft.	$ 132.01			120	$ 15,841.20				
17	Pipe Repair; install new 16" PVC pipe (AWWA C-905, DR 25) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (10'-20' Depth) (Additive Bid)	Lin. Ft.	$ 149.54			220	$ 32,898.80				
18	Pipe Repair; install new 18" PVC pipe (AWWA C-905, DR 18) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (Base Bid & Alternative #2)	Lin. Ft.	$ 106.27	88	$ 9,351.76					134	$ 14,240.18
19	Pipe Repair; install new 18" PVC pipe (AWWA C-905, DR 18) by open trenching, including piping, fittings, testing, warning/identification tape, and all incidentals, in place complete. (10'-20' Depth) (Additive Bid)	Lin. Ft.	$ 154.23			40	$ 6,169.20				
20	Crushed rock bedding including compaction and woven geotextile fabric for 12-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 68.80			40	$ 2,752.00				
21	Crushed rock bedding including compaction and woven geotextile fabric for 14-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 65.62			120	$ 7,874.40				
22	Crushed rock bedding including compaction and woven geotextile fabric for 16-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 65.81			220	$ 14,478.20				
23	Crushed rock bedding including compaction and woven geotextile fabric for 18-inch PVC sewer pipe, in place complete. (Base Bid & Alternative Bid #2)	Lin. Ft.	$ 59.30	88	$ 5,218.40					134	$ 7,946.20

Doc. No. 34GL-17-0811.*

Exhibit E (3 of 6)

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
24	Crushed rock bedding including compaction and woven geotextile fabric for 18-inch PVC sewer pipe, in place complete. (Additive Bid)	Lin. Ft.	$ 68.80			40	$ 2,752.00				
25	Sewer Line Cleaning of existing 18-inch Asbestos Cement Pipe (ACP) and 18-Inch Polyvinyl Chloride (PVC) Pipe sewer lines, including removal and disposal of debris, and other items as necessary to complete the inspection and rehabilitation work.	Lin. Ft.	$ 267.89	222	$ 59,471.58					-222	$ (59,471.58)
26	Pre-Construction Survey of site conditions, including survey report, photo survey, and video survey.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
27	Pre-Construction Settlement Point Report, including monitoring plan, establishing all project settlement points and taking initial survey readings.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
28	Post-Construction Survey of site conditions, including survey report, photo survey, and video survey.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
29	Final Settlement Report, including taking reading during construction activities and taking final survey readings of all settlement points.	Lump Sum	$ 6,864.30	1	$ 6,864.30						
30	Sewer Flow Control for Base Bid, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 101,426.40	1	$ 101,426.40						

Exhibit E (4 of 6)

Doc. No. 34GL-17-0811.*

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
31	Sewer Flow Control for Alternative Bid #1, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 112,696.00					1	$ 112,696.00		
32	Sewer Flow Control for Alternative Bid #2, including diversion and bypass pumping plan, temporary bypass piping and pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC pavement and concrete pavement), electrical and standby power/pumps, monitoring, spill containment/mitigation, additional traffic control, all related restoration work, in place complete.	Lump Sum	$ 112,696.00							1	$ 112,696.00
33	Traffic Control Work for Base Bid, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals	Lump Sum	$ 74,749.56	1	$ 74,749.56						
34	Traffic Control Work for Alternative Bid #1, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals	Lump Sum	$ 76,787.00					1	$ 76,787.00		
35	Traffic Control Work for Alternative Bid #2, including obtaining approvals, redesign/modification of traffic control plans for the contractor's convenience, traffic control work, all traffic control devices, placement and removal of devices and detours, cleanup, restoration, and incidentals	Lump Sum	$ 83,056.00							1	$ 83,056.00
36	Closed-Circuit Television (CCTV) inspections for pre- and post-rehabilitation of existing 18" sewer line, including reports, documentation, and other items as necessary to complete the work.	Lin. Ft.	$ 51.12					444	$ 22,697.28		
37	Installation of cured-in-place pipe (CIPP) lining in existing 18-inch sewer line, including wet out, preparation, Pre-CIPP cleaning, testing of installed liner, sealing at manholes, reconstructing manhole transition sections and benches, and other items as necessary to complete the work.	Lin. Ft.	$ 1,824.45					222	$ 405,027.90		
38	Reinstatement of existing sewer laterals upon completion of CIPP lining installation, including all incidentals, in place complete.	Ea.	$ 50,445.00					3	$ 151,335.00		

Doc. No. 34GL-17-0811.*

Exhibit E (5 of 6)

Proposal Bid Schedule
(Revision 1)

Item No.	Description	Unit	Unit Price	Basis of Award: Base Bid Qty	Base Bid Bid Amount	Additive Bid Items (All Bid Amounts shall include Mobilization and Demobilization) Qty	Additive Bid Items Bid Amount	Alternative Bid #1 Qty	Alternative Bid #1 Bid Amount	Alternative Bid #2 Qty	Alternative Bid #2 Bid Amount
39	Reconnection of existing sewer laterals upon completion of new pipe installation, including all incidentals, in place complete. (Alternative Bid #2)	Ea.	$ 5,135.67							3	$ 15,407.01
40	Reconnection of existing sewer laterals upon completion of new pipe installation, including all incidentals, in place complete. (Additive Bid)	Ea.	$ 8,568.60				$ 8,568.60				
TOTAL Items 1 through 47, inclusive					$ 757,302.00		$ 1,713,356.00		$ 768,543.18		$ 768,594.21

BASE BID = $ 757,302.00

BASE BID + ADDITIVE BID (BASIS OF AWARD) = $ 2,470,658.00

BASE BID + ALTERNATIVE BID #1 = $ 1,525,845.18

BASE BID + ALTERNATIVE BID #2 = $ 1,525,896.21

Doc. No. 34GL-17-0811.*

Exhibit E (6 of 6)

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 19 – FY2017

RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE CRITICAL WASTEWATER PUMP STATION REPAIRS – HIGH WATER ALARMS PROJECT (S16-002-EPA)

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 is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA has received a grant from the United States Environmental Protection Agency ("USEPA") under the State Revolving Fund ("SRF") program to install high water level alarm systems at 19 wastewater pump stations; and

WHEREAS, these pump stations are currently being monitored on a rotating basis by GWA personnel inspecting each site; and

WHEREAS, the alarm system is intended to trigger if wastewater in the wet well/pit rise above a specified level and notify the operator on duty that an overflow is imminent unless immediate action is taken; and

WHEREAS, having the alarm system would reduce GWA's response time, operation and maintenance cost, and potential environmental impact; and

WHEREAS, GWA has advertised an Invitation for Bid ("IFB") soliciting bid proposals from experience and responsive bidders to provide construction services for the Critical Wastewater Pump Station Repairs – High Water Alarms project; and

WHEREAS, this phase of work consists of furnishing all labor, tools, equipment, and materials necessary for the installation and commission of the high water level alarm system; and

WHEREAS, IFB packages were obtained by three (3) interested parties, among which GWA received bid proposals from two (2) parties before the bid proposal deadline (See EXHIBIT A – Abstract of Bids); and

WHEREAS, GWA's Engineering Consultant and GWA Engineering Division project manager have analyzed the bid proposals received on February 8, 2017 (See EXHIBIT B – Bid Evaluation) and determined that Pacific Rim Constructors, Inc., who submitted the lowest bid, to be the responsive and responsible bidder and has met all the bid requirements set forth by GWA (See EXHIBIT C – Bid Proposal); and

WHEREAS, GWA Management seeks CCU approval of the bid proposal from Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00), plus a 10% contingency in the amount of One Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents ($144,488.80), bringing the total authorized funding amount to a maximum of One Million Five Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents ($1,589,376.80); and

WHEREAS, funding for this project will be from USEPA SRF Grant Funds and, if necessary, GWA 2013 and 2016 Bond Funds applicable to the project; and

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve 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 Pacific Rim Constructors, Inc. are fair and reasonable.
3. The CCU finds that the terms and conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
4. The CCU hereby authorizes the management of GWA to enter into a contract with Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred

Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00) (Exhibit C).

5. The CCU hereby further approves the total funding amount for this project of One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars ($1,444,888.00), plus a 10% contingency of One Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents ($144,488.80) bringing the total authorized funding amount to a maximum of One Million Five Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents ($1,589,376.80).
6. The CCU hereby further approves the funding source will be from USEPA SRF Grant Funds and, if necessary, GWA 2013 and 2015 Bond Funds applicable to the project.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

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

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

AYES: 5

NAYS: 0

ABSTENTIONS: 0

ABSENT: 0

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ORIGINAL

Guam Waterworks Authority
ABSTRACT OF BIDS

Project Name: CRITICAL WASTEWATER PUMP STATION REPAIRS - HIGH WATER ALARMS
IFB No. / Project No.: IFB-04-ENG-2017 / S16-002-EPA

Bid Opening Date: February 8, 2017
Bid Opening Time: 3:00 p.m.

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS								BID AMOUNT
			Bidder Qualification Form	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Share holders Affidavit	Special Instructions to Bidders	
1.	PACIFIC RIM CONSTRUCTORS	Travelers Indemnity Company 15% of bid	✓	✓	✓	✓	✓	✓	✓	✓	$1,444,888.00
2.	J& B MODERN TECH	No bid submitted									
3.	G4S SECURITY SYSTEMS	Calvo Insurance of America 15% of amount bid	✓	✓	✓	✓	✓	✓	✓	✓	$1,459,292.80
	GWA Cost Estimate										#1,444,962.00

Tabulated By:
Nicole Ballesteros Nicole Ballesteros
(Name and Signature)
Gloria Benson

GWA Procurement Representative:
(Name and Signature)
2-8-17

Witnesses:

Exhibit A (1 of 1)

Doc. No. 34GL-17-0811.*

Critical Wastewater Pump Station Repairs - High Water Alarms
GWA Project No. S16-002-EPA

BID EVALUATION

Base Bid Description: The Base Bid generally consists of complete performance of work (materials, labor, and equipments) required for the replacement and upgrades or providing new high level alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID		ENGINEER'S ESTIMATE		G4S SECURITY SYSTEMS			Lowest Bidder PACIFIC RIM CONSTRUCTORS			AVERAGE BID	STANDARD DEVIATION
		Qty.	Unit	Unit Cost	Sub-Total	Unit Cost	Sub-Total	% Difference	Unit Cost	Sub-Total	% Difference	Price	Price
1.0 General Requirements													
1.1	Mobilization/Demobilization	1	LS	$ 157,651.56	$ 157,651.56	$ 148,929.28	$ 148,929.28	-5.5%	$ 144,488.80	$ 144,488.80	-8.3%	$ 146,709.04	$ 3,139.89
1.2	Bonding Fee & Insurance	1	LS	$ 34,651.56	$ 34,651.56	$ -	$ -	-100.0%	$ 57,840.00	$ 57,840.00	66.9%	$ 28,920.00	$ 40,899.06
1.3	Permit Application Fee	1	LS	$ 66,451.56	$ 66,451.56	$ 34,791.67	$ 34,791.67	-47.6%	$ 11,568.00	$ 11,568.00	-82.6%	$ 23,179.84	$ 16,421.61
2.0 High Level Alarm Installations													
2.1	Southern Link high level alarm system - New.	1	EA	$ 60,182.06	$ 60,182.06	$ 72,500.00	$ 72,500.00	20.5%	$ 59,986.00	$ 59,986.00	-0.3%	$ 66,243.00	$ 8,848.73
2.2	Yigo high level alarm system - replacement and upgrade	1	EA	$ 59,549.11	$ 59,549.11	$ 62,034.27	$ 62,034.27	4.2%	$ 57,798.00	$ 57,798.00	-2.9%	$ 59,916.14	$ 2,995.50
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	$ 56,043.97	$ 56,043.97	$ 62,034.27	$ 62,034.27	10.7%	$ 58,382.00	$ 58,382.00	4.2%	$ 60,208.14	$ 2,582.54
2.4	Ypao high level alarm system - replacement and upgrade	1	EA	$ 59,941.87	$ 59,941.87	$ 62,034.27	$ 62,034.27	3.5%	$ 57,798.00	$ 57,798.00	-3.6%	$ 59,916.14	$ 2,995.50
2.5	Agana Main high level alarm system - New.	1	EA	$ 60,290.58	$ 60,290.58	$ 72,500.00	$ 72,500.00	20.3%	$ 57,798.00	$ 57,798.00	-4.1%	$ 65,149.00	$ 10,395.88
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	$ 58,796.56	$ 58,796.56	$ 62,034.27	$ 62,034.27	5.5%	$ 58,330.00	$ 58,330.00	-0.8%	$ 60,182.14	$ 2,619.31
2.7	Barrigada high level alarm system - New.	1	EA	$ 58,195.40	$ 58,195.40	$ 72,500.00	$ 72,500.00	24.6%	$ 56,999.00	$ 56,999.00	-2.1%	$ 64,749.50	$ 10,960.86
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	$ 57,507.56	$ 57,507.56	$ 62,034.27	$ 62,034.27	7.9%	$ 58,725.00	$ 58,725.00	2.1%	$ 60,379.64	$ 2,340.01
2.9	Mangilao high level alarm system - replacement and upgrade	1	EA	$ 58,791.71	$ 58,791.71	$ 62,034.27	$ 62,034.27	5.5%	$ 57,266.00	$ 57,266.00	-2.6%	$ 59,650.14	$ 3,371.68
2.10	Tai Mangilao high level alarm system - replacement and upgrade	1	EA	$ 58,303.66	$ 58,303.66	$ 62,034.27	$ 62,034.27	6.4%	$ 57,798.00	$ 57,798.00	-0.9%	$ 59,916.14	$ 2,995.50
2.11	Pago Double high level alarm system - New.	1	EA	$ 59,070.94	$ 59,070.94	$ 72,500.00	$ 72,500.00	22.7%	$ 56,423.00	$ 56,423.00	-4.5%	$ 64,461.50	$ 11,368.16
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	$ 57,947.66	$ 57,947.66	$ 62,034.27	$ 62,034.27	7.1%	$ 57,532.00	$ 57,532.00	-0.7%	$ 59,783.14	$ 3,183.59
2.13	Asan high level alarm system - replacement and upgrade	1	EA	$ 62,916.82	$ 62,916.82	$ 62,034.27	$ 62,034.27	-1.4%	$ 58,901.00	$ 58,901.00	-6.4%	$ 60,467.64	$ 2,215.56
2.14	Piti high level alarm system - replacement and upgrade	1	EA	$ 62,425.66	$ 62,425.66	$ 62,034.27	$ 62,034.27	-0.6%	$ 58,901.00	$ 58,901.00	-5.6%	$ 60,467.64	$ 2,215.56
2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	$ 59,750.66	$ 59,750.66	$ 62,034.27	$ 62,034.27	3.8%	$ 61,021.00	$ 61,021.00	2.1%	$ 61,527.64	$ 716.49
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	$ 62,666.97	$ 62,666.97	$ 62,034.27	$ 62,034.27	-1.0%	$ 60,094.00	$ 60,094.00	-4.1%	$ 61,064.14	$ 1,371.98
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	$ 61,383.82	$ 61,383.82	$ 62,034.27	$ 62,034.27	1.1%	$ 58,991.00	$ 58,991.00	-3.9%	$ 60,512.64	$ 2,151.92
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	$ 58,605.06	$ 58,605.06	$ 62,034.27	$ 62,034.27	5.9%	$ 59,257.00	$ 59,257.00	1.1%	$ 60,645.64	$ 1,963.83
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	$ 58,482.60	$ 58,482.60	$ 62,034.27	$ 62,034.27	6.1%	$ 58,991.00	$ 58,991.00	0.9%	$ 60,512.64	$ 2,151.92
2.20	High level ararm system equipment at GWA Systems Control Center	1	EA	$ 30,851.56	$ 30,851.56	$ 32,587.14	$ 32,587.14	5.6%	$ 69,000.00	$ 69,000.00	123.7%	$ 50,793.57	$ 25,747.78
2.21	One year cellular service from date of project acceptance	1	EA	$ 23,651.56	$ 23,651.56	$ 8,388.75	$ 8,388.75	-64.5%	$ 36,000.00	$ 36,000.00	52.2%	$ 22,194.38	$ 19,524.10
3.0 Project Completion													
3.1	As-built drawings, O&M Manuals, training and contract closeout	1	LS	$ 20,851.56	$ 20,851.56	$ 44,081.91	$ 44,081.91	111.4%	$ 15,000.20	$ 15,000.20	-28.1%	$ 29,541.06	$ 20,563.87
	Sub-Total				$ 1,464,961.98		$ 1,489,292.80	1.7%		$ 1,444,888.00	-1.4%		

Doc. No. 34GL-17-0811.*

Exhibit B (1 of 1)

APPENDIX A

BID PROPOSAL FORM

DATE:

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

Dear Sir/Madam:

The undersigned ("Bidder"), a Corporation (Corporation or partnership or individual), organized and/or licensed to do business under the laws of Guam, hereby proposes and agrees to furnish all necessary labor, materials, equipment, tools and services necessary for the construction of the **IFB-04-ENG-2017 Critical Wastewater Pump Station Repairs – High Water Alarm; GWA Project No. S16-002-EPA** in accordance with the Specifications and other Contract Documents herein for the sum of

(Bid Amount)
One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars and 100/100 cents;

plus any and all sums to be added and/or deducted resulted from all extra and/or omitted work under a change order or Contract amendment under the unit and/or lump sum prices stated in the itemized proposal form attached hereto.

The undersigned has examined the location of the proposed work, the drawings, specifications and other Contract Documents and is familiar with the local conditions at the place where the work is to be performed, agrees to perform all work within the time set forth; herein and the price stated in their bid.

The Bid Guaranty attached hereto without endorsement, in the sum of not less than fifteen percent (15%) of the highest amount the total aggregate bid, is furnished to the Guam Waterworks Authority as a guarantee that the Agreement will be executed and a Performance and Payment Bond and proof of insurance and other requirements set forth in the bid, in forms acceptable to GWA, shall be furnished within twenty (20) days after notification that the undersigned is the lowest responsible and responsive bidder. In the event that this Bid is accepted, and the undersigned bidder shall fail to: (1) provide any and all documents requested by GWA; (2) execute the Contract on terms and conditions acceptable to GWA; and (3) furnish a satisfactory performance and Payment Bond under the conditions and within the time specified in this Proposal, the equivalent amount of the Proposed Guaranty shall be forfeited, as liquidated damages for the delay and additional work and costs caused thereby in obtaining another bidder, said amount being beforehand determined as being

reasonable and containing no penalties.

If written notice that the bidder is the lowest responsible and responsive bidder, and such notice is mailed, telegraphed or delivered to the undersigned within one hundred and twenty (120) days after the opening thereof, the undersigned agrees to execute the a Contract on terms and conditions acceptable to GWA, and to furnish a Performance and Payment Bond in an amount equal to one hundred percent (100%) of the Contract Amount, within twenty (20) days after receipt of such notice.

The undersigned hereby acknowledges receipt of the following Addenda:

Addendum No.	Dated:
NONE	
RFI Response #1	EMAILED 2/2/17

If awarded the Contract, the undersigned agrees to complete the work within **120** calendar days following the execution of the Contract by all parties thereto and the issuance of the Notice to Proceed from GWA.

Attached hereto are the following: (1) an affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this proposal or any other proposal or the submitting of proposals for the Contract for which this bid is submitted; (2) proof of licensure on Guam to conduct the services specified in the bid; (3) proof of insurance in the types and amounts specified in the bid, including certificates and a copy of the complete policies which indicates coverages and exclusions; (4) Certification of Non-Employment of Convicted Sex Offenders; and (5) any other document requested under per the Bid Specifications.

The undersigned understands that the Guam Waterworks Authority reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of GWA.

RESPECTFULLY SUBMITTED BY: Pacific Rim Constructors, Inc.
(CONTRACTOR)

Keith J. Stewart
(BY)

President
(TITLE)

PO Box 11049 Tamuning, GU 96931
(BUSINESS ADDRESS)

Exhibit C (3 of 4)

Critical Wastewater Pump Stations Repairs - High Water Alarms
GWA Project No. S16-002-EPA

BID SCHEDULE

Base Bid Description: The Base Bid generally consist of complete performance of work (materials, labor, and equipments) required for the replacement and uprades or providing new high alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID			
		Qty.	Unit	Unit Cost	Sub-Total
1.0 General Requirements:					
1.1	Mobilization/Demobilization	1	LS	$ 144,488.80	$ 144,488.80
1.2	Bonding Fee and Insurance	1	LS	$ 57,840.00	$ 57,840.00
1.3	Permit Application Fee	1	LS	$ 11,568.00	$ 11,568.00
2.0 High Level Alarm Installations					
2.1	Southern Link high level alarm system - New	1	EA	$ 59,986.00	$ 59,986.00
2.2	Yigo high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	$ 58,382.00	$ 58,382.00
2.4	Ypao high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.5	Agana Main high level alarm system - New	1	EA	$ 57,798.00	$ 57,798.00
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	$ 58,330.00	$ 58,330.00
2.7	Barrigada high level alarm system - New	1	EA	$ 56,999.00	$ 56,999.00
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	$ 58,725.00	$ 58,725.00
2.9	Mangilao high level alarm system - replacement and upgrade	1	EA	$ 57,266.00	$ 57,266.00
2.10	Tai Mangilao high level alarm system - replacement and upgrade	1	EA	$ 57,798.00	$ 57,798.00
2.11	Pago Double high level alarm system - New.	1	EA	$ 56,423.00	$ 56,423.00
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	$ 57,532.00	$ 57,532.00
2.13	Asan high level alarm system - replacement and upgrade	1	EA	$ 58,901.00	$ 58,901.00
2.14	Piti high level alarm system - replacement and upgrade	1	EA	$ 58,901.00	$ 58,901.00

Exhibit C (4 of 4)

2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	$ 61,021.00	$ 61,021.00
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	$ 60,094.00	$ 60,094.00
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	$ 58,991.00	$ 58,991.00
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	$ 59,257.00	$ 59,257.00
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	$ 58,991.00	$ 58,991.00
2.20	High level alarm alarm system equipment at GWA Systems Control Center	1	EA	$ 69,000.00	$ 69,000.00
2.21	One year cellular service from date of project acceptance	1	EA	$ 36,000.00	$ 36,000.00
3.0 Project Completion:					
3.10	As-built drawings, O&M Manuals, Training and contract closeout	1	LS	$ 15,000.20	$ 15,000.20
	Sub-Total				**$ 1,444,888.00**

CONSOLIDATED
COMMISSION ON UTILITIES
Guam Power Authority • Guam Waterworks Authority
P.O.BOX 2977 • Agana,Guam 96932

RESOLUTION NO. 2017–07

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO EXTEND THE PERFORMANCE MANAGEMENT CONTRACT FOR THE CABRAS 3 POWER PLANT

WHEREAS, through resolution 2016-71 the Consolidated Commission on Utilities (CCU) approved a 3 month Performance Management Contract (PMC) extension between the Guam Power Authority (GPA) and Korea East West Power, Ltd. (KEWP) for the preservation of Cabras Unit #3; and

WHEREAS, the Public Utilities Commission approved a 2 month PMC contract extension pending further justification through GPA Docket 17-16; and

WHEREAS, this PMC extension is scheduled to expire on February 28, 2017; and

WHEREAS, extending the existing PMC contract with KEWP for 12-months will provide GPA with necessary support during the Cabras Unit 4 Insurance Claim; and

WHEREAS, preservation efforts are ongoing and there is an urgent need to continue these works to prevent degradation of Cabras Unit #3; and

WHEREAS, KEWP has continued to support GPA through this critical period by providing valuable expertise and support in areas such as program management, technical services, engineering assessment, and augmenting the Authorities procurement capabilities; and

WHEREAS, GPA has negotiated with KEWP on a reduced fixed management fee of $65,820 per month, which amounts to $789,840 for the 12-month extension; and

WHEREAS, consistent with prior PMC contracts, a reimbursable O&M budget is required and GPA intends to provide KEWP a monthly budget for Preservation Management Services, in addition to the fixed management fee, of $25,000 per month or $300,000 for the 12-month extension; and

WHEREAS, Insurance funds will be the source for both the fixed management fees and the preservation management services; and

WHEREAS, the Consolidated Commission on Utilities supports GPA's efforts in the preservation of Cabras Unit 3.

NOW, THEREFORE, BE IT RESOLVED, by the Consolidated Commission on Utilities as follows:

1. After careful review the Consolidated Commission on Utilities finds extending the current PMC Contract for Cabras 3 to be reasonable, prudent, and necessary for preservation of Cabras Unit 3.

2. The General Manager is authorized to extend the contract with KEWP from March 1, 2017 to February 28, 2018. The contract extension is approved for fixed management fee of $789,840 and a reimbursable O&M budget of $300,000 for the 12-month extension.

RESOLVED, that the Chairman of the Commission certifies and the Secretary of the Commission attests the adoption of this Resolution.

DULY and REGULARLY ADOPTED AND APPROVED THIS 21st DAY OF FEBRUARY, 2017.

Certified by:

JOSEPH T. DUENAS
CHAIRMAN

Date: 2/21/17

Attested By:

J. GEORGE BAMBA
SECRETARY

Date: 2/21/17

SECRETARY'S CERTIFICATE

I, J. George Bamba Secretary, Consolidated Commission on Utilities hereby certifies as follows:

The foregoing is a full, true and correct copy of a resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on February 21, 2017, at which meeting all of said members had due notice and at which at least a majority thereof were present;

At said meeting said resolution was adopted by the following vote:

Ayes: 5

Nays: 0

Absent: 0

Abstained: 0

Said original resolution has not been amended, modified, or rescinded since the date of its adoption, and the same is now in full force and effect.

SO CERTIFIED this 21st day of February, 2017.

J. George Bamba
Secretary, Consolidated Commission on Utilities

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 20–FY2017

RELATIVE TO APPROVAL OF 2016 BOND FUNDS AS A FUNDING SOURCE TO THE PMO AMENDMENT NO. 5

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, on July 23, 2015 the CCU approved Resolution 39-FY2015 "Relative to Approving Contract Amendment #5 for Program Management Services" which contained work authorizations related to general program management support, preparing a consulting engineer's report for the 2015 revenue bonds, developing facility plans for NDWWTP and HWWTP, updating the water resources master plan and providing technical support for the source control program; and

WHEREAS, Resolution 39-FY2015 cited the funding source for Amendment #5 "will be from the 2010 and 2013 bond series proceeds, GWA revenue funds as well as State Revolving Funds that are applicable to the PMO's work and which are eligible to be used"; and

WHEREAS, Resolution 39-FY2015 and PMO Contract Amendment #5 was submitted to the PUC for approval in accordance to the Contract Review Protocol which was granted via PUC Order, GWA Docket 15-07. This Order fully approved the increase in the Program Management Office's contract in the amount of Five Million Three Hundred Three Thousand One Hundred Forty-Five Dollars ($5,303,145.00); and

WHEREAS, GWA management has approved and implemented portions of the work authorizations that were part of Amendment #5 through contract change orders and funded these work authorizations from sources noted in Resolution 39-FY2015; and

WHEREAS, GWA management intends to approve and implement remaining portions of authorizations that were part of Amendment #5 through future contract change orders but now seeks CCU approval to include as a funding source the 2016 Bond proceeds that are applicable to the PMO's work and which are eligible to be used; and

WHEREAS, the GWA Chief Engineer will identify specific CIP line items that are to fund the remaining work authorization scope; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU hereby authorizes the management of GWA to use 2016 bond proceeds to fund PMO work authorizations in the amounts identified and approved under the PMO Amendment #5.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

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

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

AYES: 5

NAYS: 0

ABSTENTIONS: 0

ABSENT: 0

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CONSOLIDATED COMMISSION ON UTILITIES

GWA RESOLUTION NO. 21-FY2017

RELATIVE TO THE AMENDMENT OF THE CLASSIFICATION STANDARDS OF THE WATER METER REPAIRER AND THE WATER METER REPAIRER SUPERVISOR POSITIONS

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, the initial creation of the Water Meter Repairer and Water Meter Repairer Supervisor positions were established and approved by the Civil Service Commission in July 1980; and

WHEREAS, in order to align the functions being performed by existing staff of the GWA Meter Test Facility, the General Manager of GWA requested the CCU to create the Water Meter Maintenance and Repair Worker I, the Water Meter Maintenance and Repair Worker II, and the Water Meter Maintenance and Repair Worker Supervisor positions, adopted and approved through CCU Resolution No. 57-FY2016 on September 27, 2016 for GWA; and

WHEREAS, the newly created positions adopted and approved through CCU Resolution No. 57-FY2016 were intended to address the modern requirements of work performed at the GWA Meter Test Facility, and are more appropriate for such work than the previous existing positions approved by the Civil Service Commission in 1980. However, upon review of the new positions by the Department of Administration, a recommendation was made to amend the existing positions to reflect the requirements of the newly created positions; and

WHEREAS, Public Law 28-112 and 4 GCA §6303 (d) authorizes the creation of

positions in Autonomous Agencies and Public Corporations, and GWA Personnel Rules and Regulations as amended by Public Law 28-159 Section 3 (C) authorizes the CCU to amend, modify or add a position to the list of certified, technical and professional positions; and

WHEREAS, GWA requests the approval of the CCU to amend the Water Meter Repairer to reflect the requirements of a Water Maintenance and Repair Worker I; and

WHEREAS, GWA requests the approval of the CCU to amend the Water Meter Repairer Supervisor to reflect the requirements of a Water Meter Maintenance and Repair Worker Supervisor; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The amendment of the Water Meter Repairer position to read Water Meter Maintenance and Repair Worker I attached herein as Exhibit A.
3. The amendment of the Water Meter Repairer Supervisor position to read Water Meter Maintenance and Repair Worker Supervisor attached herein as Exhibit B.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

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

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

AYES: 5

NAYS: 0

ABSTENTIONS: 0

ABSENT: 0

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

WATER METER MAINTENANCE AND REPAIR WORKER I

NATURE OF WORK IN THIS CLASS:

Operate, repair and maintain meter test bench facility to ensure water meters are operating efficiently. The work performed is under the guidance of Water Meter Maintenance Supervisor.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed)

Organizes meters in crates for testing, segregates failed from passed.

Operates meter test bench facility.

Records meter reading results on the record form or log data in the computer used for meter management.

Responds to customer concerns and inquiries about meter reliability.

Repairs and diagnoses meters in accordance with manufacturers standards.

Checks and reports malfunctioning meters, meter tampering and general condition of meters.

Assists customers' requests for unusually high or low water meter consumption.

Reports customer complaints, and checks meters to locate abnormal consumption, irregularities, defects, damages

Tests and diagnoses electronic transmitting devices when problems occur.

Performs other related skilled duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard principles, practices and techniques in water testing, selection, installation and maintenance.

Knowledge of various meter types for water measurement and their components.

Knowledge in testing meters for accuracy of registration at flow rates and test flow quantities, both for large and small meters.

Knowledge of occupational hazards with utmost safety practices and procedures.

Knowledge of meter reading and customer billing.

Exhibit A

Ability to read meters, gauges and diagrams and record reading and maintains operating records.

Ability to repairs and diagnoses meters in accordance with manufacturers standards

Ability to compile and log data, prepare reports and maintain records.

Ability to work under pressure and make appropriate decisions.

Ability to work effectively with the public and employees.

Ability to quickly and accurately read meters and record data

Ability to communicate effectively, both orally and in writing

Ability to communicate effectively both orally and in writing.

Performs related duties as required.

MINIMUM EXPERIENCE AND TRAINING:

A) One (1) year of skilled work experience in water meter testing, installation and repair; or

B) Any equivalent combination of experience and training which provides the minimum knowledge, skills and abilities.

Note: Pursuant to PL 29-113, Section 3(c); 4GCA, Chapter 4 §4101(c) "all new employment in the service of the government of Guam shall have, as a reasonable measure of job performance, minimum requirement of high school diploma or a successful completion of General Education Development (GED) test or any equivalent education high school program, apprenticeship program or successful completion of certification program, from a recognized, accredited or certified vocational technical institution, in specialized field required for the job.

Established: June 2016

JOB EVALUATION POINTS (JE Points): 362

PayGrade/Step:			
	Minimum:	E6-A	$22,669.00 Per Annum
	Maximum:	E9-A	$25,544.00 Per Annum

JOSEPH T. DUENAS, Chairman
Consolidated Commission on Utilities

WATER METER REPAIRER

NATURE OF WORK IN THIS CIASS:

Performs skilled work in installing, maintaining, and repairing water meters.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Installs, removes, inspects, tests, cleans, adjusts and repairs trident, buffalo, badger, neptune and reckwell water meters and water well meters; replaces damaged meters; adjusts gears; replaces seals and gaskets; repairs inlet and outlet leaks; removes debris from meters and cleans so that proper reading can be taken; bench tests meters for accuracy in the shop; replaces meter couplings; excavates buried meters.

Answers customer complaints; investigates, repairs meters and explains reasons for high readings to customers.

Maintains records of work performed.

Performs related duties as required.

MINIMUM KNOWLEDGES, ABILITIES, AND SKILIS:

Knowledge of the standard methods, materials, practices and equipment used in the installation, maintenance and repair of water meters.

Ability to maintain work records.

Ability to apply safe work practices on the job.

Ability to understand and follow oral and written instructions.

Skill in water meter repair work.

MINIMUM EXPERIENCE AND TRAINING:

(a) One year of experience in the installation, maintenance and repair of water meters; or

(b) Any equivalent combination of experience and training which provides the minimum knowledges, abilities, and skills.

ESTABLISHED: JULY, 1980

DAVID R. FLORES, Executive Director
Civil Service Commission

Pay Grade G Step 1: $18,723 - Step 10: $28,085

GUAM WATERWORKS AUTHORITY
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688 Route 15, Mangilao, Guam 96913

WATER METER MAINTENANCE AND REPAIR SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises, operates and maintains meter test bench facility to ensure water meters are operating efficiently. Supervises the testing of meters; installs and replaces water meters and supervises a variety of on-site adjustments to ensure appropriate recording of water consumptions.

The work performed is under the guidance of Utility Services Administrator –Operations.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed)

Plans, schedules, assigns, directs and reviews the work of employees engaged in maintaining, repairing, testing, calibrating and installing flow meters.

Supervises testing of all water meters for accuracy of registration at flow rates and test-flow quantities complying with AWWA meter testing regulations.

Supervises the preparation of work orders as necessary to address operating and maintenance issues.

Supervises the maintenance of meter testing records in Customer Care and Billing System

Prepares weekly and monthly reports of productivity and progress of meter maintenance programs and compiles annual reports.

Trains subordinates on use of meter test facility; prepares daily preschedule for the next scheduled day, or days in case of weekends and holidays.

Supervises the repair and diagnoses of meters in accordance with manufacturers standards.

Responds to customer concerns and inquiries. ✓

Prepares and oversees associated program budget.

Maintains employee time sheets and payroll records, manages the purchasing and inventory control of parts, equipment and supplies for the meter maintenance section.

Supervises the maintenance of meter testing facility's annual calibration requirements.

Maintains a report of warranty meters and communicate with vendors for the returned and replacement of these meters.

Analyzes water meter test data and report with recommendations.

Exhibit B

Manages the preventive maintenance of meter test facility equipments.

Repairs meters in accordance with manufacturers standards.

Checks and reports malfunctioning meters, meter tampering and the general condition of meters; checks for unusually high or low water consumption by a customer.

Directs and storages of supplies, tools and equipment and ensures they are maintained and available for work; orders supplies, tools and equipment as needed.

Estimates the time, supplies and equipment costs of work tasks.

Tests various meter reading units and repair as necessary.

Assists Utility Worker in operations and maintenance of water systems on an as needed or emergency basis.

Performs other related skilled duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard principles, practices and techniques in water testing, selection, installation and maintenance.

Knowledge of various meter types for water measurement and their components.

Knowledge in testing meters for accuracy of registration at flow rates and test flow quantities, both for large and small meters.

Knowledge in program coordination for meter maintenance periodic testing.

Knowledge of occupational hazards with utmost safety practices and procedures.

Knowledge of meter reading and customer billing.

Knowledge of repairs and diagnoses of meters in accordance with manufacturers standards.

Ability to read meters, gauges and diagrams and record reading and maintains operating records.

Ability to compile and log data, prepare reports and maintain records.

Ability to work under pressure and make appropriate decisions.

Ability to work effectively with the public and employees.

Ability to communicate effectively both orally and in writing.

Knowledge of techniques, materials, tools, and equipment used in testing, installing/removing and repair of meters.

Ability to quickly and accurately read meters and record data.

Ability to work independently.

Ability to read and interpret installation and repair manuals.

Ability to compile and log data, prepare reports and maintain records.

Ability to learn the types and operation of electric metering devices.

Ability to detect abnormal consumption, irregularities, defects, damages of utility meters.

Knowledge of electronic skills and basic electrical diagnostic equipment.

Ability to follow written and oral instructions.

Ability to maintain records and prepare reports.

Ability to make work decisions in accordance with appropriate program guidelines.

MINIMUM EXPERIENCE AND TRAINING:

A) Three (3) years of supervisory experience in water meter testing, installation and repair; or

B) Four (4) years of skilled work experience in meter testing, installation and repair; or

C) Any equivalent combination of experience and training which provides the minimum knowledge, skills and abilities.

Note: Pursuant to PL 29-113, Section 3(c); 4GCA, Chapter 4 §4101(c) "all new employment in the service of the government of Guam shall have, as a reasonable measure of job performance, minimum requirement of high school diploma or a successful completion of General Education Development (GED) test or any equivalent education high school program, apprenticeship program or successful completion of certification program, from a recognized, accredited or certified vocational technical institution, in specialized field required for the job.

Established: June 2016

JOB EVALUATION POINTS (JE Points): 734

PayGrade/Step:	Minimum:	J4-D	$41,530.00 Per Annum
	Maximum:	J7-D	$46,797.00 Per Annum

JOSEPH T. DUENAS, Chairman
Consolidated Commission on Utilities

WATER METER REPAIR SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises and participates in the installation, adjustment, maintenance and repair of water meters.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Supervises and participates in the installation, adjustment, maintenance and repair of water meters in the shop and field locations.

Directs the storage of supplies, tools and equipment, and ensures they are maintained and available for work; orders supplies, tools and equipment as needed.

Estimates the time and cost of work projects.

Performs complex and difficult repair work requiring a high degree of skill.

Receives and investigates customer complaints and reports.

Interprets and works from meter manuals and blueprints.

Applies and enforces safe work practices on the job.

Maintains records and prepares reports.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

Knowledge of the standard methods, materials, practices, tools and equipment used in the installation, maintenance and repair of water meters.

Ability to supervise the work of others.

Ability to estimate the time and cost of work projects.

Ability to ensure that supplies, tools and equipment are maintained and available for work projects.

Ability to interpret and work from meter manuals and blueprints.

Ability to apply and enforce safe work practices on the job.

Ability to work effectively with the public and employees.

Ability to follow and provide oral and written instructions.

Ability to maintain records and prepare reports.

Skill in the installation, adjustment, maintenance and repair of water meters.

MINIMUM EXPERIENCE AND TRAINING:

(a) Four years of experience in the installation, maintenance and repair of water meters; or

(b) Any equivalent combination of experience or training which provides the minimum knowledge, abilities, and skills.

ESTABLISHED: JULY 1980

Pay Grade H Step 1:$ 19,974 - Step 10: $29,085

DAVID R. FLORES, Executive Director
Civil Service Commission

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 22-FY2017

RATIFICATION OF PURCHASES UNDER INDEFINITE QUANTITY CONTRACT WITH JMI-EDISON FOR SUBMERSIBLE PUMPS AND MOTORS FOR GWA DEEP WELLS

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 advertised an Invitation for Bid (IFB) 2015-03 soliciting cost quotations from experienced and responsive bidders to provide Deep Well Submersible Pumps and Motors and provide adequate stock replenishment when needed; and

WHEREAS, there was one responsive and responsible bidder who met the Submersible Pumps and Motors requirements of IFB 2015-03; and

WHEREAS, IFB 2015-03 offers were evaluated by GWA's review committee; and

WHEREAS, GWA's review committee determined that the offer for Submersible Pumps and Motors made by JMI-Edison was fair and reasonable by the basis of past purchases made [EXHIBIT A]; and

WHEREAS, GWA accepted JMI-Edison's bid proposal of indefinite quantity bid of "All or None Bid for Franklin Electric Motors" and "All or None Bid for Franklin Electric and Grundfos Pump" with an estimated total amount of Seven Hundred Six Thousand Six Hundred Eighty-Seven Dollars and Thirty Cents ($706,687.30) [EXHIBIT B]; and

WHEREAS, GWA management seeks CCU ratification of purchases related to IFB 2015-03 in the total amount of Seven Hundred Thirty-Six Thousand One Hundred Sixty-Four Dollars and Forty-Seven Cents ($736,164.47) [EXHIBIT C]; and

WHEREAS, GWA management seeks CCU approval to purchase additional pumps and motors for GWA Deep Wells in the total amount of Two Hundred Twenty-Six Thousand Eight Hundred Fifty-Four Dollars and Fifteen Cents ($226,854.15) [EXHIBIT D]; and

WHEREAS, GWA management seeks CCU approval and ratification of IFB 2015-03 for Submersible Pumps and Motors' indefinite quantity bid in total of Nine Hundred Sixty-Three Thousand Eighteen Dollars and Sixty-Two Cents ($963,018.62), the sum of Encumbered Purchase Orders ($736,164.47) and Purchase of Additional Pumps and Motors ($226,854.15); and

WHEREAS, the source of funding for the Submersible Pumps and Motors are Multiple Bond Fund Programs (PW 09-02 Water Wells, Bond 2013 and PW 09-08 Mechanical and Electrical Equipment Replacement Bond 2013) and Internally Funded Capital Improvement Projects.

NOW THEREFORE BE IT RESOLVED, the Consolidated Commission on Utilities does hereby approve and ratify 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 "JMI-Edison" are fair and reasonable.
3. There was no indication of bad faith or fraud in any of the procurements contained therein.
4. All of the procurement herein are in the best interest of the territory of Guam and Guam Waterworks Authority.
5. The CCU ratifies the encumbered purchases under the previously issued purchase orders relative to the Indefinite Quantity Contract with JMI-Edison

in the total amount of Seven Hundred Thirty-Six Thousand One Hundred Sixty-Four Dollars and Forty-Seven Cents ($736,164.47).

6. The CCU hereby further authorizes GWA management to purchase additional pumps and motors for GWA Deep Wells in the total amount of Two Hundred Twenty-Six Thousand Eight Hundred Fifty-Four Dollars and Fifteen Cents ($226,854.15).
7. The CCU hereby further approves the funding total of Nine Hundred Sixty-Three Thousand Eighteen Dollars and Sixty-Two Cents ($963,018.62) for the initial three-year contract term.
8. GWA management is hereby authorized to seek PUC approval in the event the contract value exceeds One Million Dollars ($1,000.000.00) as required by Docket 00-04.

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

DULY AND REGULARLY ADOPTED, this 21st day of February, 2017.

Certified by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

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

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

AYES: 5

NAYS: 0

ABSTENTIONS: 0

ABSENT: 0

GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913

MEMORANDUM

TO: General Manager

VIA: Supply Management Administrator

FROM: Evaluation Committee Members

SUBJECT: Invitation to Bid No. GWA 2015-03
Ref: Submersible Motors, Pumps, and Pump & Motor

Invitation for Bid No: GWA 2015-03 was officially announced and advertised in the Pacific Daily News, Marianas Variety and Guam Waterworks Authority Website on January 29, 2015 and open as scheduled on March 04, 2015 @ 10:00 am. Twelve (12) prospective bidders expressed their interests by acknowledging receipt of the bid package thru GWA's website.

Bidders Register:

1. Z Enterprises, Inc
2. Frontier Supply
3. Hikhjkj
4. JMI Edison
5. Black Const. Corp
6. Benson Guam Ent
7. HDR, Inc
8. Guam Pacific Ent
9. JJ Global
10. Inland Builders
11. Xiong's Family
12. David Meinung

Of the twelve (12), one (1) submitted their bid package, namely:

- JMI Edison

An evaluation committee was formally assembled and met on March 17, 2015 @ 9:30 am in Procurement's office to review/discuss and evaluate the bid.

Committee members consist of:

- Ron Topasna
- Karen Grape
- Peter Salas

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

The committee members reviewed the bid proposal and have determined JMI Edison being the only bidder, respectfully submitted a fair cost and are as followed:

ITEM NO.	DESCRIPTION	ESTIMATED QTY		UNIT COST	EXTENSION
"All or None Bid for Franklin Electric Motors"					
1.1A	SUBMERSIBLE MOTOR 10 H.P.	1	EA	$2,218.17	$2,218.17
B	SUBMERSIBLE MOTOR 20 H.P.	2	EA	$2,797.88	$5,595.76
C	SUBMERSIBLE MOTOR 30 H.P.	1	EA	$3,487.42	$3,487.42
D	SUBMERSIBLE MOTOR 40 H.P.	3	EA	$4,023.70	$12,071.10
E	SUBMERSIBLE MOTOR 50 H.P.	3	EA	$5,332.76	$15,998.28
F	SUBMERSIBLE MOTOR 60 H.P	37	EA	$6,110.36	$226,083.32
G	SUBMERSIBLE MOTOR 75 H.P.	3	EA	$11,171.65	$33,514.95
H	SUBMERSIBLE MOTOR 100 H.P.	4	EA	$12,330.12	$49,320.48
I.	SUBMERSIBLE MOTOR 125 H.P.	2	EA	$16,179.37	$32,358.74
J.	SUBMERSIBLE MOTOR 150 H.P.	3	EA	$19,393.95	$58,181.85
				Total Cost:	**$438,830.07**

ITEM NO.	DESCRIPTION	ESTIMATED QTY		UNIT COST	EXTENSION
"All or None Bid for Franklin Electric & Grundfos Pumps"					
2.1 A.	SUBMERSIBLE PUMP 70SR7, 6" X 8 STAGE	1	EA	$1,020.24	$1,020.24
B.	SUBMERSIBLE PUMP 70SR15, 6" X 15 STAGE	1	EA	$1,395.34	$1,395.34
C.	SUBMERSIBLE PUMP 150SR30, 6" X 14 STAGE	1	EA	$1,484.16	$1,484.16
D.	SUBMERSIBLE PUMP 150SR40, 6" X 19 STAGE	1	EA	$1,885.65	$1,885.65
E.	SUBMERSIBLE PUMP 175SR20, 6" X 8 STAGE	1	EA	$1,843.65	$1,843.64
F.	SUBMERSIBLE PUMP 175SR25, 6" X 10 STAGE	2	EA	$2,147.92	$4,295.84
G.	SUBMERSIBLE PUMP 175SR30, 6" X 12 STAGE	1	EA	$2,459.99	$2,459.99
H.	SUBMERSIBLE PUMP 175SR40, 6" X 14 STAGE	10	EA	$2,714.46	$27,144.60
I.	SUBMERSIBLE PUMP 175SR40, 6" X 16 STAGE	3	EA	$2,981.52	$8,944.56
J.	SUBMERSIBLE PUMP 175SR50, 6" X 18 STAGE	1	EA	$3,253.38	$3,253.38
K.	SUBMERSIBLE PUMP 250SR25, 6" X 9 STAGES	1	EA	$1,578.98	$1,578.98
L.	SUBMERSIBLE PUMP 250SR30, 6" X 10 STAGES	3	EA	$1,674.40	$5,023.20
M.	SUBMERSIBLE PUMP 250SR40, 6" X 12 STAGES	3	EA	$1,937.27	$5,811.81
N.	SUBMERSIBLE PUMP 250SR40, 6" X 14 STAGES	4	EA	$2,349.56	$9,398.24

O.	SUBMERSIBLE PUMP 250SR50, 6" X 15 STAGES	10	EA	$2,327.96	$23,279.60
P.	SUBMERSIBLE PUMP 250SR50, 6" X 18 STAGES	2	EA	$2,942.51	$5,885.02
Q.	SUBMERSIBLE PUMP 250SR60, 6" X 20 STAGES	3	EA	$3,223.97	$9,671.91
R.	SUBMERSIBLE PUMP 325SR25, 6" X 7 STAGES	1	EA	$1,541.17	$1,541.17
S.	SUBMERSIBLE PUMP 325SR40, 6" X 9 STAGES	2	EA	$1,842.45	$3,684.90
T.	SUBMERSIBLE PUMP 325SR40, 6" X 11 STAGES	1	EA	$2,236.14	$2,236.14
U.	SUBMERSIBLE PUMP 325SR50, 6" X 13 STAGES	13	EA	$2,552.42	$33,181.46
V.	SUBMERSIBLE PUMP 325SR60, 6" X 18 STAGES	2	EA	$3,319.40	$6,638.80
W.	SUBMERSIBLE PUMP 325SR75, 6" X 21 STAGES	1	EA	$4,905.58	$4,905.58
X.	SUBMERSIBLE PUMP 400SR50, 8" X 7 STAGES	1	EA	$3,494.64	$3,494.64
Y.	SUBMERSIBLE PUMP 400SR75, 8" X 10 STAGES	2	EA	$4,736.93	$9,473.86
Z.	SUBMERSIBLE PUMP 400SR100, 8" X 13 STAGES	3	EA	$5,418.10	$16,254.30
AA.	SUBMERSIBLE PUMP 475SR100, 8" X 11 STAGES	3	EA	$5,426.50	$16,279.50
AB.	SUBMERSIBLE PUMP 475SR125, 8" X 14 STAGES	2	EA	$6,226.49	$12,452.98
AC.	SUBMERSIBLE PUMP 625S-1500, 8" x 7A STAGES	2	EA	$9,468.84	$18,937.68

AD.	SUBMERSIBLE PUMP 625S-1500, 8" x 7 STAGES	2	EA	$9,468.84	$18,937.68
AE.	SUBMERSIBLE PUMP 800S-1000, 8" x 4A STAGES	1	EA	$5,462.38	$5,462.38
				Total Cost:	**$267,857.23**

[Grand Total Cost: $706,687.30]

After a thorough evaluation, the committee members clarified and confirmed with JMI Edison on Item No: 1.1a the submitted Total Cost indicated $212,746.75. JMI responded dated on March 26, 2015 and advised the members it was a typographical error and the total cost should state $438,830.07. In closing, the committee members agreed to accept the bid offer from JMI Edison and have determined they submitted and complied with all specifications and requirements set forth in the IFB.

Summary:

This is an "Indefinite Quantity Bid" pursuant to the Guam Procurement Regulations. The quantities reflected are only estimated and not guarantee of amounts to be purchased. Quantities may increase or decrease thru the duration of the contract and continued purchase is subject to the availability of funds. No guarantee or other commitment is made to vendors in terms of purchasing quantity and the amounts set forth in this bid are only estimates of needs for the near term.

Please note: This is an Indefinite Quantity Bid so the grand total cost stated above does not mean it's a guaranteed cost that GWA will be issuing.

Contract Term:

GWA and the lowest responsible bidder may enter into a contract (which may be in the form of a Purchase Order) on terms acceptable to GWA which shall commence upon vendor's acknowledged receipt of a Notice to Proceed from GWA. The initial term of the contract is three (3) years with two (2) one year options to renew, subject to availability of funds and agreement between the parties.

Concurred and accepted by the committee members:

Ron Topasna, Water Plant Superintendent

Karen Cheryl C. Grape, Management Analyst III, Operations

Peter Salas, Buyer II, Procurement

Your approval is greatly appreciated.

Antonio Camacho

In consideration of the foregoing, please indicate your approval of this recommendation by your signature below.

[✓] CONCURRED [ ] UNCONCURRED

VINCENT ED. GUERRERO, SMA

[✓] APPROVED [ ] DISAPPROVED

3/30/2015

MARK G. MILLER, GENERAL MANGER, INTERIM

EXHIBIT B

GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."
Gloria B. Nelson Public Services Building
688 Route 15, Mangilao, Guam 96913
Tel: (671) 300-6026/27 Fax: (671) 649-3750

MAR 3 1 2015

JMI Edison
125 North Marine Drive
P.O. Box 6577
Tamuning, Guam 96931
Ph: 646-6400 Fax: 649-4835

RE: Notice of Award for GWA Bid No. 2015-03
For: Submersible Motors, Pumps, and Pump & Motor

Hafa Adai!

The Guam Waterworks Authority ("GWA") has considered the bid submitted by JIM Edison for the above described reference in response to its Advertisement for Bids dated January 29, 2015.

Therefore, JMI Edison is hereby notified the proposal for the Indefinite Quantity Bid has been accepted by GWA. Please be advised the Bid Bond must remain in full force and effect until all performance periods have ended **(e.g., until warranty period has ended as any warranty is a service provided in conjunction with the delivery of goods).**

You are hereby advised that any obligations incurred by JMI Edison prior to execution of the contract are at your own risk. GWA shall have no obligation to reimburse costs incurred prior to execution of the contract.

You are required to return an acknowledged copy of this Notice of Award to the Procurement & Supply Administrator.

Sincerely,

3/30/2015

Mark G. Miller
General Manager, Interim

Ref: IFB 2015-03 Submersible Motors, Pumps, and Pump & Motor

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

Dated this 31ST day of March 2015.

By JEFFREY PAESTE
Title Operations Manager

******* END OF NOTICE OF AWARD *******

EXHIBIT C

GUAM WATERWORKS AUTHORITY
"Better Water, Better Lives."
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Tel: (671) 300-6846

Encumbered Purchase Orders Relative to IFB 2015-13

PO No	PO Amount	PO Date	Funding Source
297992	$42,772.51	04/16/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298208	$59,887.34	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298218	$165,918.18	06/05/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298345	$21,462.24	07/14/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298695	$32,426.64	11/18/15	PW 09-08 Mechanical and Electrical Equipment Replacement, Bond 2013
298783	$88,111.79	12/16/15	Internally Funded CIP
299504	$160,047.56	05/20/16	PW 09-02 Water Wells, Bond 2013
299589	$141,981.34	06/14/16	PW 09-02 Water Wells, Bond 2013
300204	$23,556.87	11/14/16	Internally Funded CIP
Total Amount	**$736,164.47**		

Copies of all Purchase Orders attached.

EXHIBIT D

GUAM WATERWORKS AUTHORITY
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Tel: (671) 300-6846

Additional Purchases

Submersible Motors	**Qty**	**Unit Cost**	**Amount**
150 hp. Franklin Motor	2	$19,393.95	$38,787.90
125 hp. Franklin Motor	1	$16,179.37	$16,179.37
100 hp. Franklin Motor	1	$12,330.12	$12,330.12
75 hp. Franklin Motor	2	$11,171.65	$22,343.30
60 hp. Franklin Motor	5	$6,110.36	$30,551.80
50 hp. Franklin Motor	6	$5,332.76	$31,996.56
40 hp. Franklin Motor	4	$4,023.70	$16,094.80
Total Submersible Motors	**21**		**$168,283.85**
Submersible Pumps	**Qty**	**Unit Cost**	**Amount**
175 SR-40F66- 1463 (6"x 14 stage)	8	$2,714.46	$21,715.68
250 SR-50F66-1563 (6"x 15 stage)	4	$2,327.96	$9,311.84
250 SR-40F66- 1263 (6"x 11 stage)	1	$1,937.27	$1,937.27
250SR-50F66-1863	1	$2,942.51	$2,942.51
250SR-40F66-1463	1	$2,349.56	$2,349.56
400 SR-100F86-1384 (8"x 13 stages)	1	$5,418.10	$5,418.10
475 SR-100F86- 1186 (8"x 13 stages)	1	$5,426.50	$5,426.50
NFPA-625S-1500 (Stages 7A)	1	$9,468.84	$9,468.84
Total Submersible Motors	**18**		**$58,570.30**
Total Pumps and Motors	**39**		**$226,854.15**