



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

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

SPECIAL BOARD MEETING

CCU Conference Room, Gloria B. Nelson Public Service Building

5:30 p.m., Tuesday, May 30, 2023

AGENDA

1. **CALL TO ORDER**
2. **APPROVAL OF MINUTES**
3. **PUBLIC COMMENTS (*Limit to 2 minutes*)**
4. **GPA**
 - 4.1 GM Report
 - 4.2 [Financial](#)
 - 4.3 [Resolution FY2023-20 \(GPA\)/Resolution 31-FY2023 \(GWA\) Approving the Procurement of Conflict\(s\) and Assistant Legal Counsel\(s\) for the CCU, Guam Power Authority and Guam Waterworks Authority](#)
5. **GWA**
 - 5.1 GM Report
 - 5.2 [Financial](#)
 - 5.3 [Relative to Approval of the Tamuning and Manenggon Reservoirs Construction Contract Resolution No. 10-FY2023](#)
 - 5.4 Relative to Approval of the Indefinite Delivery/Indefinite Quantity Undersized Waterline Replacement Design and CM Contract Resolution No. 18-FY2023
 - 5.5 [Relative to Approval of Additional Funding of Construction Contract for the Tank Repair and Bypass Project Resolution No. 26-FY2023](#)
 - 5.6 [Relative to Approval of the Ugum #2 Reservoir Construction Management Contract Resolution No. 27-FY2023](#)
 - 5.7 [Relative to Approval of Bond Proceeds Reallocation Resolution No. 28-FY2023](#)
 - 5.8 Relative to Approval of the Ugum #2 Reservoir Construction Contract Resolution No. 29-FY2023
 - 5.9 [Relative to Requesting Approval to Procure Indefinite Delivery/Indefinite Quantity Services for Design, Construction, and Project/Construction Management for Sewage Pump Station and Force Main Rehabilitation/Replacement Resolution No. 30-FY2023](#)
 - 5.10 [Relative to Approving the Procurement of Conflict\(s\) and Assistant Legal Counsel\(s\) for the CCU, Guam Power Authority and the Guam Waterworks Authority Resolution No. 31-FY2023 \(GWA\) / Resolution No. FY2023-20 \(GPA\)](#)
 - 5.11 Relative to Approval and Ratification of Legal Counsels for Litigation for Sup. Ct. of Guam Case No. CV1198-18 and D. Ct. of Guam Case No. CV20-00032 Resolution No. 32-FY2023
 - 5.12 [Relative to Approval of Guam Waterworks Authority FY2023 True-Up and FY2024 Budget Resolution No. 33-FY2023](#)
6. **ANNOUNCEMENTS**
 - 6.1 Next CCU Meetings: GWA Work Session July 18, 2023, 8:30am;
GPA Work Session, July 20, 2023, 8:30am; CCU Regular Meeting, July 25, 2023, 5:30pm.

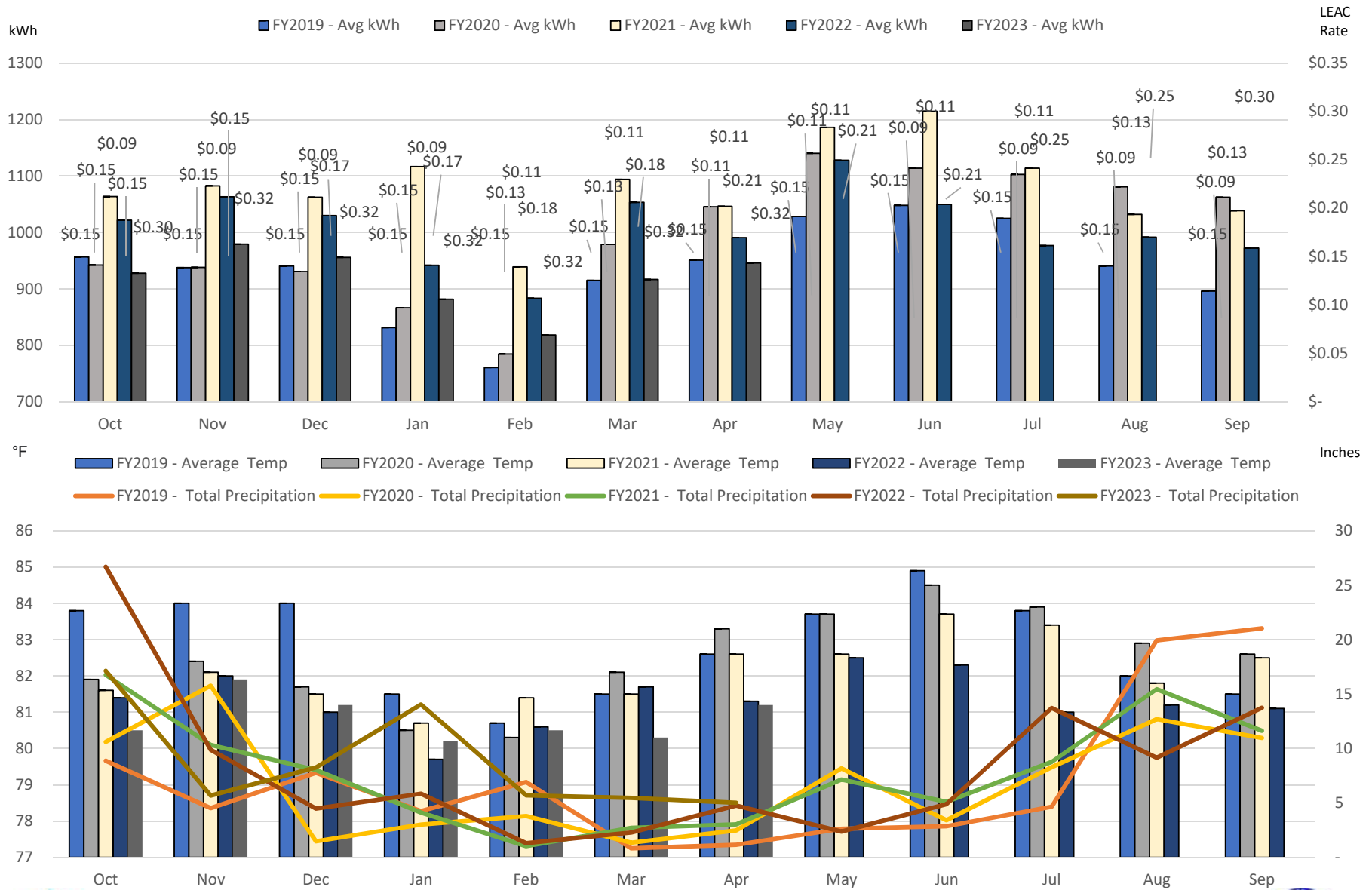
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FINANCIAL HIGHLIGHTS

April 2023



Residential average kWh & Weather Chart



Residential average kWh & LEAC Rate

Avg kWh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	957	938	940	831	761	915	951	1,028	1,048	1,025	940	896
FY2020	942	938	931	867	785	979	1,046	1,140	1,114	1,103	1,081	1,062
FY2021	1,064	1,083	1,062	1,117	939	1,094	1,046	1,186	1,215	1,114	1,032	1,038
FY2022	1,021	1,063	1,030	942	883	1,053	991	1,128	1,050	977	992	972
FY2023	928	979	956	882	818	917	946					

LEAC Rate	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 2019	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542
FY2020	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1542	\$ 0.1345	\$ 0.1345	\$ 0.1100	\$ 0.1100	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868
FY2021	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.0868	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1100	\$ 0.1304	\$ 0.1304
FY2022	\$ 0.1508	\$ 0.1508	\$ 0.1715	\$ 0.1715	\$ 0.1808	\$ 0.1808	\$ 0.2095	\$ 0.2095	\$ 0.2095	\$ 0.2516	\$ 0.2516	\$ 0.2960
FY2023	\$ 0.2960	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186	\$ 0.3186					

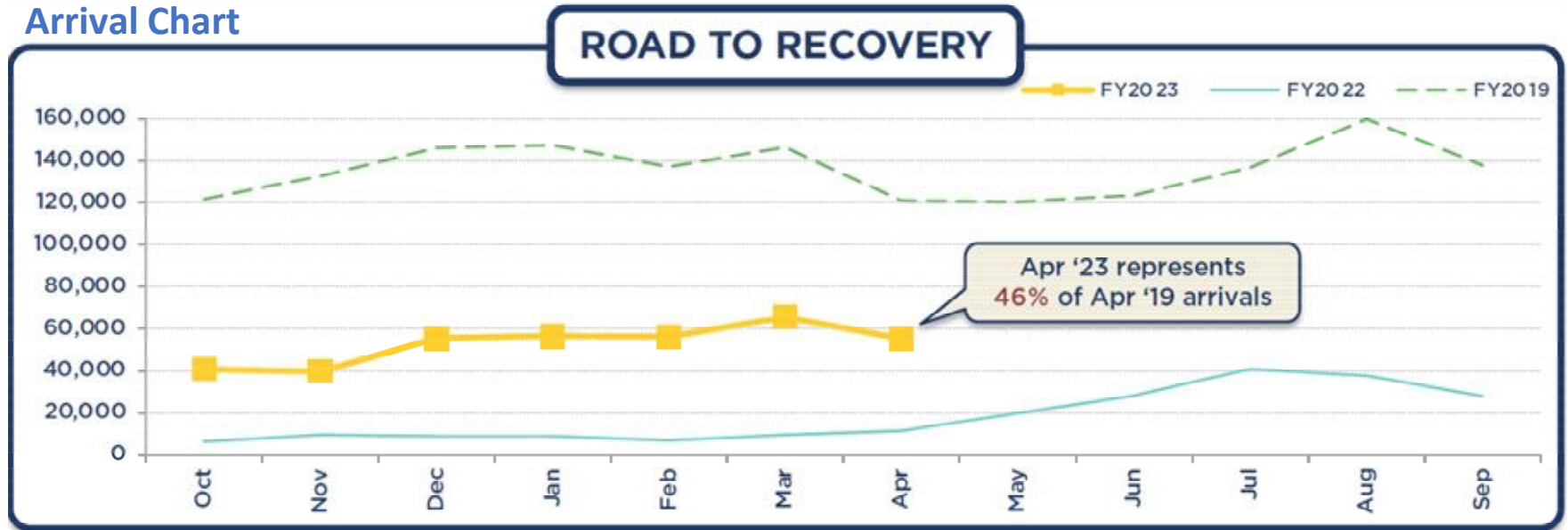


Hotel kWh & Occupancy Rate

mWh Hotels	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	10,826	10,628	10,494	10,175	8,965	9,443	10,565	10,741	10,066	11,494	10,170	10,397
FY2020	10,316	9,801	10,508	9,848	9,627	8,319	7,044	6,826	7,309	7,645	7,520	7,063
FY2021	7,045	7,379	7,596	6,973	6,270	6,863	7,326	7,152	7,521	7,841	7,906	7,560
FY2022	6,973	7,346	7,041	6,921	6,419	6,964	6,850	7,451	7,683	7,959	8,071	7,821
FY2023	7,802	7,921	8,251	8,031	7,542	7,950	7,859					

Occupancy Rat	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2019	85.9	85.9	85.9	91.4	91.4	91.4	84.8	84.8	84.8	92.0	92.0	92.0
FY2020	89.9	89.9	89.9	73.7	73.7	73.7	34.7	34.7	34.7	27.1	27.1	27.1
FY2021	38.7	38.7	38.7	51.4	51.4	51.4	41.3	41.3	41.3	52.4	52.4	52.4
FY2022	45.9	45.9	45.9	56.0	56.0	56.0	54.0	54.0	54.0	66.8	66.8	66.8
FY2023	59.7	59.7	59.7	67.4	67.4	67.4						

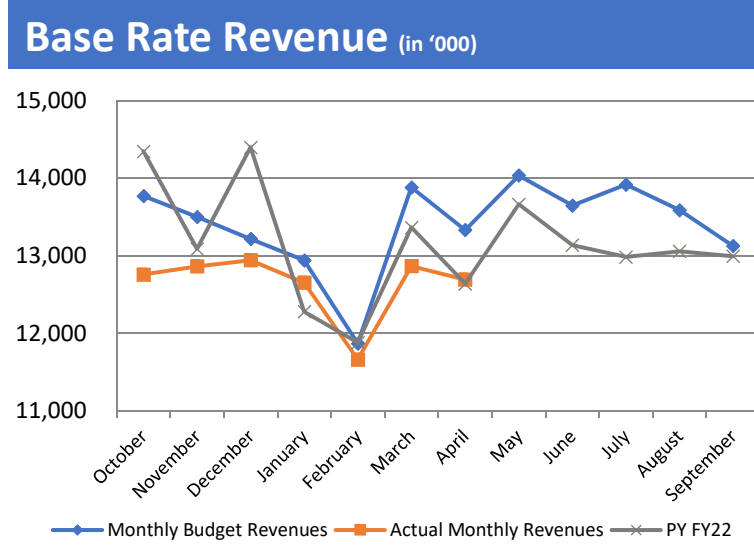
Arrival Chart



Note: Data from 22 hotels in schedule P. 1 hotel closed its doors on Oct. 2021. Occupancy rate and Road to Recovery is from GVB Visitor Arrival Statistic.

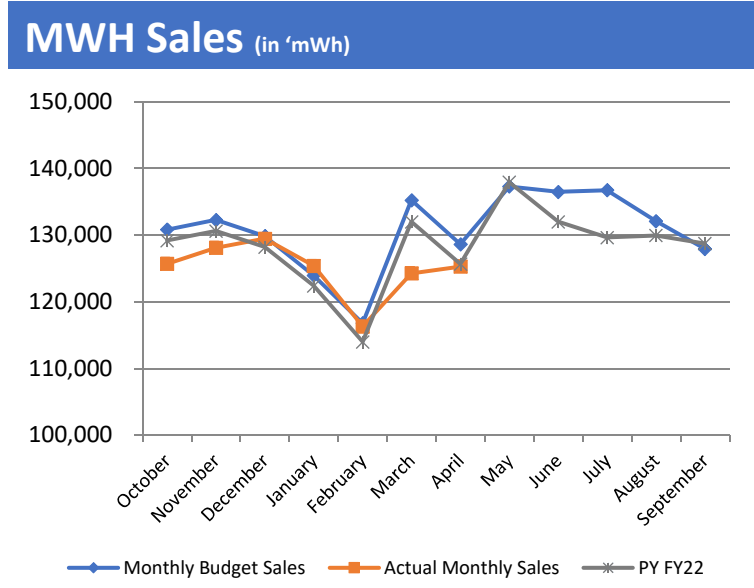


April 2023 Monthly Financial Highlights



Through April 30, 2023

	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY22	CY vs PY Variance	
	\$000	\$	\$		\$	\$	
October	13,769	\$ 12,757	\$ (1,013)	↓	\$ 14,345	\$ (1,589)	↓
November	13,500	12,861	\$ (638)	↓	13,085	\$ (223)	↓
December	13,214	12,940	\$ (274)	↓	14,396	\$ (1,456)	↓
January	12,939	12,651	\$ (288)	↓	12,278	\$ 374	↑
February	11,866	11,660	\$ (206)	↓	11,879	\$ (219)	↓
March	13,880	12,865	\$ (1,014)	↓	13,364	\$ (498)	↓
April	13,329	12,691	\$ (638)	↓	12,636	\$ 55	↑
May	14,033				13,661		
June	13,646				13,134		
July	13,916				12,983		
August	13,585				13,056		
September	13,122				12,992		
Total	\$ 160,800	\$ 88,426	\$ (4,070)		\$ 157,808	\$ (3,557)	



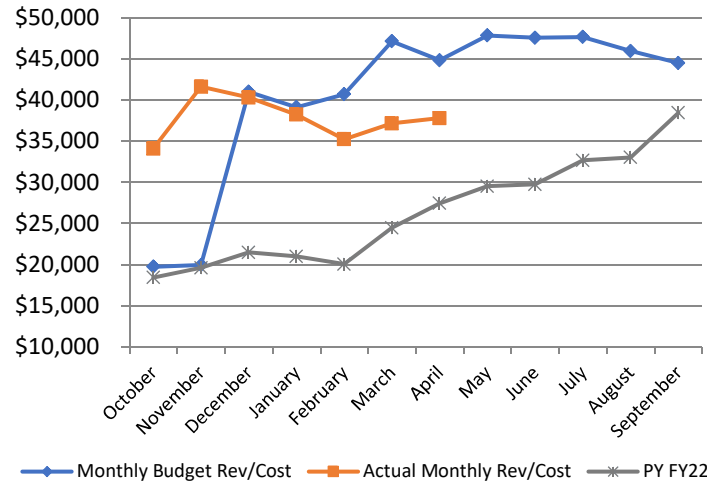
Through April 30, 2023

	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY22	CY vs PY Variance	
	mwh						
October	130,810	125,672	(5,138)	↓	129,175	(3,502)	↓
November	132,251	128,077	(4,174)	↓	130,597	(2,520)	↓
December	129,828	129,439	(389)	↓	128,204	1,235	↑
January	123,917	125,368	1,451	↑	122,367	3,001	↑
February	116,767	116,289	(477)	↓	113,980	2,310	↑
March	135,211	124,254	(10,957)	↓	131,984	(7,730)	↓
April	128,610	125,257	(3,353)	↓	125,661	(404)	↓
May	137,272				137,915		
June	136,470				131,980		
July	136,715				129,637		
August	132,084				129,938		
September	127,916				128,721		
Total	1,567,850	874,357	(23,037)		1,540,160	(7,611)	



April 2023 Monthly Financial Highlights (Continued)

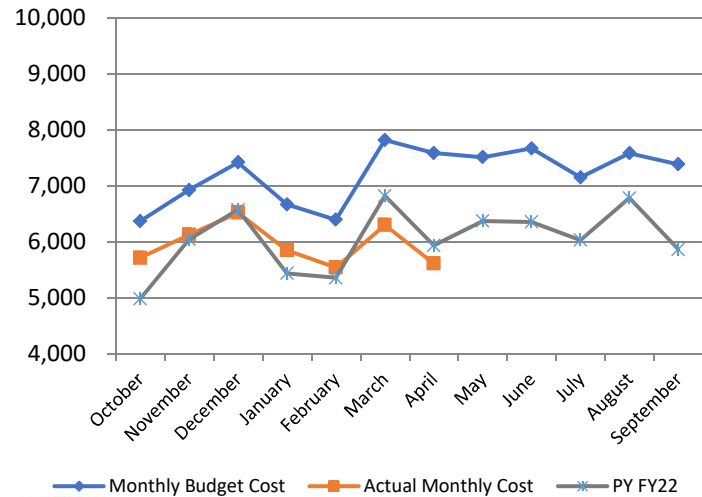
Fuel Revenues (in '000)



Through April 30, 2023

	Monthly Budget	Actual Monthly	Variance		PY FY22	CY vs PY	
	\$000	Rev/Cost	Rev/Cost			Variance	
October	\$ 19,726	\$ 34,062	14,336	↑	\$ 18,431	15,631	↑
November	19,943	41,593	21,650	↑	19,600	21,993	↑
December	40,967	40,281	(686)	↓	21,475	18,806	↑
January	39,102	38,205	(897)	↓	20,978	17,227	↑
February	40,669	35,217	(5,453)	↓	20,043	15,173	↑
March	47,094	37,143	(9,950)	↓	24,465	12,678	↑
April	44,794	37,773	(7,021)	↓	27,433	10,340	↑
May	47,811				29,517		
June	47,532				29,731		
July	47,617				32,646		
August	45,916				32,999		
September	44,467				38,433		
Total	\$ 485,639	\$ 264,274	\$ 11,979		\$ 315,753	\$ 111,848	

O&M Costs (in '000)



Through April 30, 2023

	Monthly Budget	Actual Monthly	Variance		PY FY22	CY vs PY	
	\$000	Budget Cost	Cost			Variance	
October	6,367	5,712	655	↑	4,979	(733)	↓
November	6,923	6,120	802	↑	6,039	(82)	↓
December	7,415	6,518	898	↑	6,569	52	↑
January	6,663	5,846	817	↑	5,434	(412)	↓
February	6,392	5,537	855	↑	5,353	(184)	↓
March	7,814	6,298	1,517	↑	6,818	521	↑
April	7,582	5,610	1,972	↑	5,931	321	↑
May	7,508				6,369		
June	7,665				6,353		
July	7,148				6,028		
August	7,578				6,779		
September	7,380				5,859		
Total	\$ 86,435	\$ 41,640	\$ 7,515		\$ 72,512	\$ (517)	



April 2023 Monthly Financial Highlights (Continued)

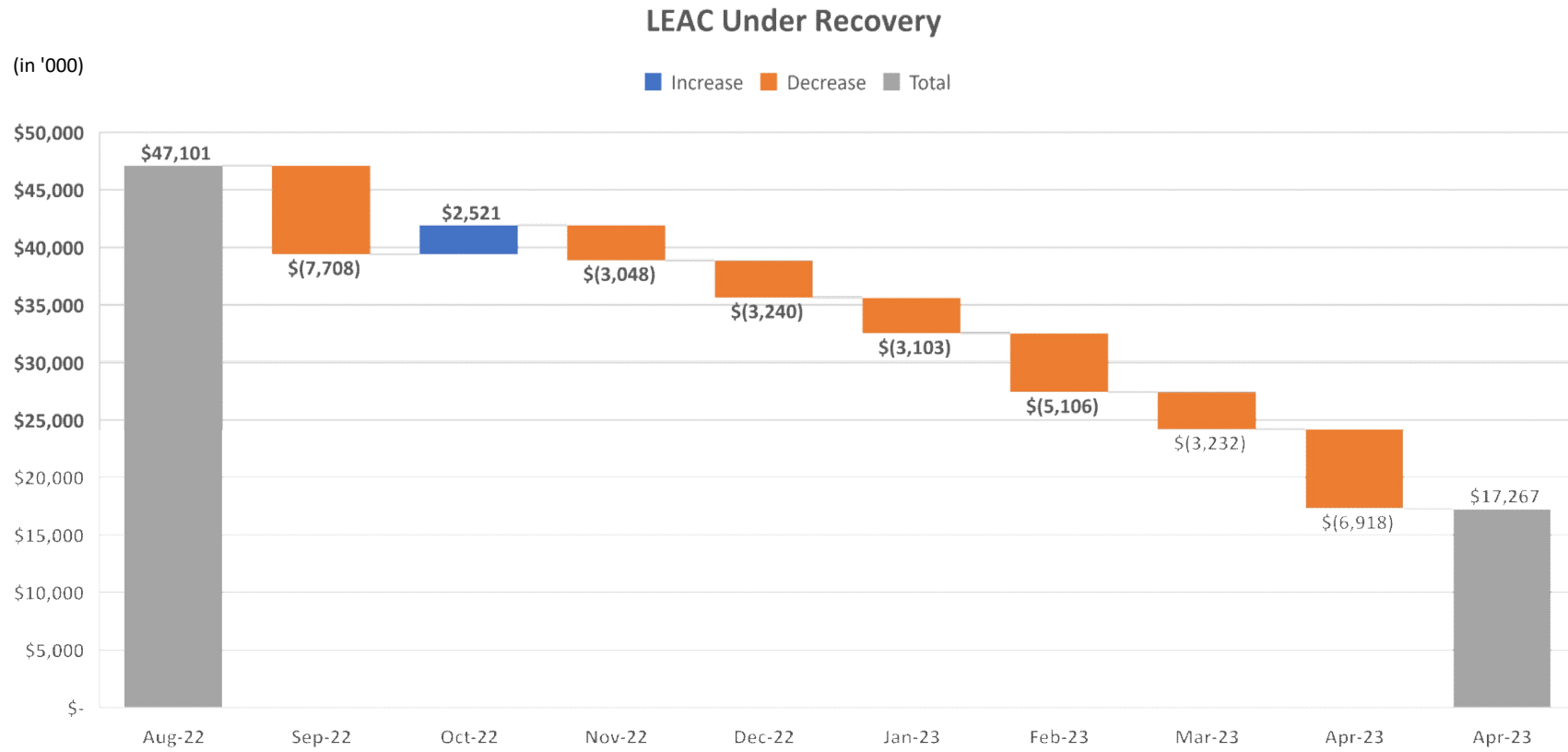
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Through February 2023													
	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	4Q2021	1Q2022	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	2Q2023
Residential	45,069	44,191	44,503	44,575	45,247	45,229	45,224	45,283	45,261	45,315	45,370	45,417	45,450
Commercial	5,309	5,366	5,301	5,307	5,330	5,336	5,349	5,367	5,368	5,373	5,425	5,473	5,448
Government	1,061	1,081	1,063	1,060	1,049	1,056	1,069	1,077	1,079	1,087	1,088	1,108	1,114
Streetlights	1,139	1,132	1,133	1,132	1,132	1,131	1,160	1,158	1,156	1,163	1,167	1,167	1,169
Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	52,579	51,771	52,001	52,075	52,759	52,753	52,803	52,886	52,865	52,939	53,051	53,166	53,182

Debt service coverage (DSC) calculation-indenture	2018	2019	2020	2021	2022	2023
Senior lien coverage	2.53	1.78	1.42	1.54	1.87	1.62
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	1.65	1.46	1.23	1.49	1.87	1.62



April 2023 Monthly Financial Highlights (Continued)





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GUAM POWER AUTHORITY
FINANCIAL STATEMENT OVERVIEW
 April 2023

Attached are the financial statements and supporting schedules for the month and fiscal year ended April 30, 2023.

Summary

The increase in net assets for the month ended was \$2.2 million as compared to the anticipated net decrease of \$0.6 million and projected at the beginning of the year. The total kWh sales for the month were 2.61% less than projected and non-fuel revenues were \$0.6 million less than the estimated amounts. O & M expenses for the month were \$5.6 million which was \$2.0 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.2 million, which was \$0.6 million less than projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	1.39	1.86	2
Days in Receivables	38	39	52
Days in Payables	44	28	30
LEAC (Over)/Under Recovery Balance -YTD	\$24,185,385	\$17,266,547	\$23,808,445
T&D Losses	5.62%	5.60%	<7.00%
Debt Service Coverage	1.59	1.62	1.75
Long-term equity ratio	8.44%	8.92%	30 – 40%
Days in Cash	72	65	60

The Quick Ratio has been a challenge for GPA historically. GPA has current obligations of approximately \$85 million and approximately \$157 million in cash and current receivables. The LEAC over-recovery for the month was \$6.9 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statements
April 2023

Significant Assumptions


The significant assumptions in the financial statements are as follows:

- Accrual cutoff procedures were performed at month end
- An inventory valuation is performed at year-end only
- Accounts Receivable includes accruals based on prior months' usage.


Prepared by:


Lenora M. Sanz
Controller

Reviewed by:


John J.E. Kim
Chief Financial Officer

Approved by:


John M. Benavente, P.E.
General Manager

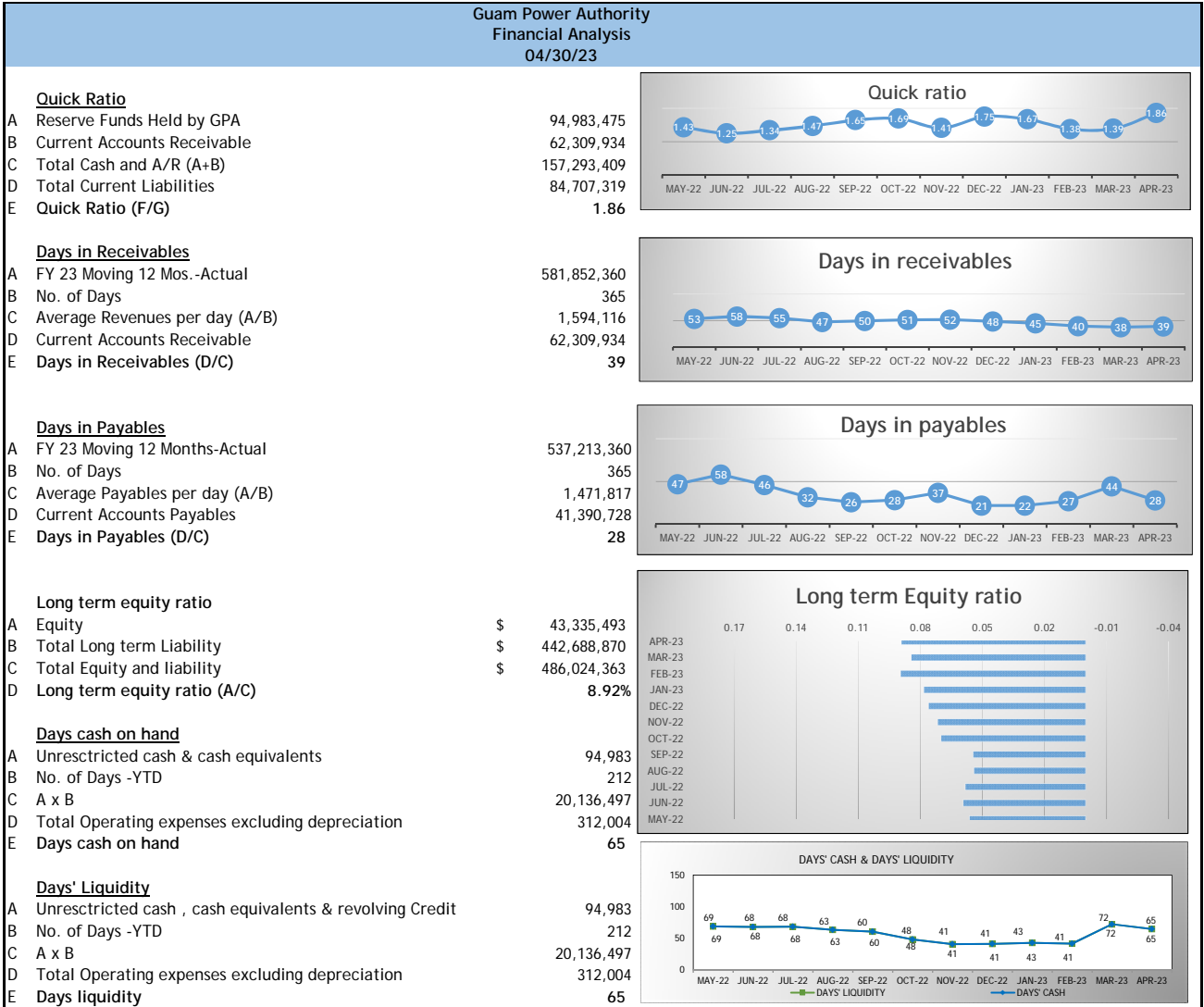
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position April 30, 2023 and September 30, 2022			
	Unaudited April 2023	Unaudited September 2022	Change from Sept 30 2022
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 16,989,750	\$ 16,582,152	\$ 407,597
Bond indenture funds	54,090,353	28,155,326	25,935,027
Held by Guam Power Authority:			
Bond indenture funds	40,893,123	52,170,831	(11,277,709)
Self insurance fund-restricted	11,756,200	9,636,149	2,120,051
Energy sense fund	3,790,024	3,200,040	589,984
Total cash and cash equivalents	<u>127,519,449</u>	<u>109,744,498</u>	<u>17,774,951</u>
Accounts receivable, net	<u>59,147,885</u>	<u>61,606,332</u>	<u>(2,458,447)</u>
Total current receivables	<u>59,147,885</u>	<u>61,606,332</u>	<u>(2,458,447)</u>
Materials and supplies inventory	13,414,332	13,245,854	168,478
Fuel inventory	76,088,648	62,282,916	13,805,732
Prepaid expenses	<u>12,223,453</u>	<u>5,715,018</u>	<u>6,508,435</u>
Total current assets	<u>288,393,767</u>	<u>252,594,619</u>	<u>35,799,148</u>
Utility plant, at cost:			
Electric plant in service	1,194,737,952	1,188,286,930	6,451,023
Construction work in progress	29,094,282	21,044,080	8,050,202
Total	<u>1,223,832,234</u>	<u>1,209,331,010</u>	<u>14,501,225</u>
Less: Accumulated depreciation	<u>(753,367,763)</u>	<u>(734,209,593)</u>	<u>(19,158,170)</u>
Total utility plant	<u>470,464,471</u>	<u>475,121,416</u>	<u>(4,656,945)</u>
Other non-current assets:			
Investments - restricted	47,686,202	48,011,361	(325,159)
Cash and cash equivalent - restricted	17,526,551	13,926,083	
Unamortized debt issuance costs	<u>435,004</u>	<u>462,297</u>	<u>(27,293)</u>
Total other non-current assets	<u>65,647,757</u>	<u>62,399,742</u>	<u>3,248,016</u>
Total assets	<u>824,505,995</u>	<u>790,115,777</u>	<u>34,390,218</u>
Deferred outflow of resources:			
Deferred fuel revenue	17,266,547	39,554,794	(22,288,248)
Unamortized loss on debt refunding	13,984,816	14,716,617	(731,800)
Pension	17,136,754	17,136,754	0
Other post employment benefits	48,852,130	48,852,130	0
Unamortized forward delivery contract costs	<u>0</u>	<u>0</u>	<u>0</u>
Total deferred outflows of resources	<u>97,240,247</u>	<u>120,260,295</u>	<u>(23,020,048)</u>
	<u>\$ 921,746,242</u>	<u>\$ 910,376,072</u>	<u>\$ 11,370,170</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued April 30, 2023 and September 30, 2022			
	Unaudited April 2023	Unaudited September 2022	Change from Sept 30 2022
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 24,680,000	\$ 7,730,000	\$ 16,950,000
Current obligations under capital leases			0
Accounts payable			
Operations	41,258,552	31,869,204	9,389,348
Others	132,176	455,663	(323,487)
Accrued payroll and employees' benefits	260,915	217,342	43,573
Current portion of employees' annual leave	1,851,936	1,836,186	15,749
Interest payable	4,411,248	10,864,975	(6,453,727)
Customer deposits	12,112,492	8,815,052	3,297,440
	<u>84,707,319</u>	<u>61,788,422</u>	<u>22,918,897</u>
Regulatory liabilities:			
Provision for self insurance	13,037,898	11,016,513	2,021,385
	<u>13,037,898</u>	<u>11,016,513</u>	<u>2,021,385</u>
Long term debt, net of current maturities			
Obligations under capital leases, net of current portion	478,273,574	503,873,798	(25,600,224)
Net Pension liability	82,739,324	84,782,676	(2,043,352)
Other post employment benefits liability	160,364,667	160,364,667	0
DCRS sick leave liability	1,695,518	1,695,518	0
Employees' annual leave net of current portion	1,842,137	1,842,137	0
Customer advances for construction	608,524	541,500	67,024
	<u>823,268,960</u>	<u>825,905,231</u>	<u>(2,636,270)</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue		0	0
Pension	3,238,796	3,238,796	0
Other post employment benefits	51,902,993	51,902,993	0
	<u>55,141,789</u>	<u>55,141,789</u>	<u>0</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	16,688,601	13,090,861	3,597,741
Restricted	46,402,910	34,846,592	11,556,317
Unrestricted	(19,756,018)	(18,608,402)	(1,147,616)
	<u>43,335,493</u>	<u>29,329,052</u>	<u>14,006,442</u>
	<u>\$ 921,746,242</u>	<u>\$ 910,376,072</u>	<u>\$ 11,370,170</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	April 30		% of change Inc (dec)	Seven Months Ended April 30		% of change Inc (dec)
	Unaudited 2023	Unaudited 2022		Unaudited 2023	Unaudited 2022	
Revenues						
Sales of electricity	\$ 50,464,347	\$ 40,068,870	26	\$ 352,700,529	\$ 244,408,888	44
DSM-Rebates	315,756	323,139	(2)	2,167,064	2,185,416	(1)
Miscellaneous	414,721	297,390	39	1,556,498	2,108,747	(26)
Total	<u>51,194,824</u>	<u>40,689,399</u>	26	<u>356,424,091</u>	<u>248,703,050</u>	43
Bad debt expense	(99,833)	(101,917)	(2)	(698,831)	(713,419)	(2)
Total revenues	<u>51,094,991</u>	<u>40,587,482</u>	26	<u>355,725,260</u>	<u>247,989,631</u>	43
Operating and maintenance expenses						
Production fuel	37,773,087	27,432,948	38	264,274,396	152,426,014	73
Other production	1,321,955	1,415,658	(7)	9,612,869	10,029,432	(4)
	<u>39,095,042</u>	<u>28,848,606</u>	36	<u>273,887,265</u>	<u>162,455,446</u>	69
Depreciation	2,879,326	2,899,408	(1)	20,209,104	20,428,035	(1)
Energy conversion cost	852,949	829,085	3	6,089,196	5,722,669	6
Transmission & distribution	1,047,731	1,287,133	(19)	8,135,159	8,280,583	(2)
Customer accounting	539,207	652,843	(17)	3,636,714	3,976,887	(9)
Administrative & general	2,700,939	2,575,692	5	20,255,968	18,840,842	8
Total operating and maintenance expenses	<u>47,115,193</u>	<u>37,092,767</u>	27	<u>332,213,406</u>	<u>219,704,462</u>	51
Operating income	<u>3,979,798</u>	<u>3,494,715</u>	14	<u>23,511,853</u>	<u>28,285,168</u>	(17)
Other income (expenses)						
Interest income	344,560	80,225	329	1,667,216	550,020	203
Interest expense and amortization	(1,950,707)	(2,190,219)	(11)	(13,655,027)	(15,332,966)	(11)
Bond issuance costs	112,238	102,507	9	161,130	717,549	(78)
Change in Investment Value	(269,539)	(109,471)	146	82,692	(83,602)	(199)
Allowance for funds used during construction	388	8,416	(95)	13,580	66,305	(80)
Pandemic-COVID19		(19,227)	(100)	(71,823)	(180,737)	(60)
Losses due to typhoon	(232)	(16,184)	(99)	(36,759)	(138,665)	(73)
Operating Grant from GovGuam/US Gov				0	0	
Loss on Capital Asset Dsiposal				0	0	
Other expense				0	(8,582)	(100)
Total other income (expenses)	<u>(1,763,293)</u>	<u>(2,143,953)</u>	(18)	<u>(11,838,989)</u>	<u>(14,410,678)</u>	(18)
Income (loss) before capital contributions	2,216,505	1,350,762	64	11,672,864	13,874,491	(16)
Capital contributions	137,025			2,333,577	2,682	
Increase (decrease) in net assets	2,353,530	1,350,762	74	14,006,441	13,877,172	1
Total net assets at beginning of period	<u>40,981,962</u>	<u>22,321,075</u>	84	<u>29,329,052</u>	<u>9,794,664</u>	199
Total net assets at end of period	<u>\$ 43,335,493</u>	<u>\$ 23,671,836</u>	83	<u>\$ 43,335,493</u>	<u>\$ 23,671,836</u>	83

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended April 30, 2023		
	Month Ended 4/30/2023	YTD Ended 4/30/2023
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$47,443,069	\$ 358,268,407
Cash payments to suppliers and employees for goods and services	55,576,833	297,594,061
Net cash provided by operating activities	(\$8,133,764)	60,674,346
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	344,560	1,667,216
Net cash provided by investing activities	344,560	1,667,216
Cash flows from non-capital financing activities		
Interest paid on short term debt	(4,402)	(28,770)
Provision for self insurance funds	(588,467)	(2,120,051)
Net cash provided by noncapital financing activities	(592,868)	(2,148,821)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,847,378)	(15,552,159)
Principal paid on bonds and other long-term debt	-	(7,730,000)
Interest paid on bonds(net of capitalized interest)	(11,929,652)	(19,983,711)
Interest paid on capital lease obligations	-	-
Interest & principal funds held by trustee	7,660,378	(407,597)
Reserve funds held by trustee	315,508	325,159
Bond funds held by trustee	-	-
Principal payment on capital lease obligations	-	-
Grant from DOI/FEMA	137,025	2,333,577
Grant from GovGuam	-	-
Reduction in Under Recovery of Fuel	-	-
Debt issuance costs/loss on defeasance	(131,461)	(920,224)
Net cash provided by (used in) capital and related financing activities	(5,795,579)	(41,934,955)
Net (decrease) increase in cash and cash equivalents	(14,177,651)	18,257,786
Cash and cash equivalents, beginning	126,687,677	94,252,240
Cash and cash equivalents-Funds held by GPA, April 30, 2023	<u>\$ 112,510,026</u>	<u>\$ 112,510,027</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended April 30, 2023		
	Month Ended 4/30/2023	YTD Ended 4/30/2023
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$3,979,798	\$23,511,853
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	2,879,326	20,209,104
Other expense	112,006	52,549
(Increase) decrease in assets:		
Accounts receivable	(3,661,755)	2,458,447
Materials and inventory	165,643	(168,478)
Fuel inventory	7,205,768	(13,805,732)
Prepaid expenses	(873,027)	(6,508,435)
Unamortized debt issuance cost	3,899	27,293
Deferred fuel revenue	6,918,835	22,288,248
Unamortized loss on debt refunding	15,324	731,800
Unamortized forward delivery contract costs	-	-
Increase (decrease) in liabilities:		
Accounts payable-operations	(26,447,091)	9,389,348
Accounts payable-others	(986,208)	(913,471)
Accrued payroll and employees' benefits	53,342	43,573
Provision for Self-Insurance	294,530	2,021,385
Net pension liability	(282,171)	(2,043,352)
Employees' annual leave	12,502	15,749
Customers deposits	2,469,397	3,297,440
Customer advances for construction	6,116	67,024
Unearned forward delivery contract revenue	-	-
Net cash provided by operating activities	(\$8,133,764)	\$ 60,674,346



GPA 302		GUAM POWER AUTHORITY ACCRUED REVENUE APRIL 2023			
		FOR THE MONTH ENDED APRIL		SEVEN MONTHS ENDED APRIL	
		2023	2022	2023	2022
KWH SALES:					
Residential		42,978,575	44,827,694	291,637,830	315,986,012
Residential - Apt & Condo		588,524	629,926	3,961,469	4,408,587
Small Gen. Non Demand		5,859,772	7,111,304	45,376,113	47,812,685
Small Gen. Demand		17,132,676	15,688,765	112,855,566	108,120,366
Large General		18,615,072	17,415,349	131,012,809	122,112,313
Independent Power Producer		95,700	29,804	701,345	230,614
Private St. Lights		29,893	32,182	216,425	222,507
	Sub-total	85,300,213	85,735,024	585,761,557	598,893,084
Government Service:					
Small Non Demand		1,129,246	1,272,285	11,369,046	7,193,629
Small Demand		8,669,657	9,214,457	63,435,848	64,585,296
Large		5,736,824	4,164,441	33,229,834	28,647,547
Street Lighting		406,152	459,781	3,068,148	3,099,296
	Sub-total	15,941,879	15,110,963	111,102,876	103,525,768
	Total	101,242,092	100,845,986	696,864,433	702,418,852
U. S. Navy		24,015,014	24,814,899	177,492,400	179,548,583
	GRAND TOTAL	125,257,106	125,660,886	874,356,834	881,967,435
REVENUE:					
Residential		17,676,159	14,204,936	119,682,001	85,890,488
Residential - Apt & Condo		238,164	177,288	1,623,516	1,132,823
Small Gen. Non Demand		2,682,063	2,532,492	20,612,779	15,069,340
Small Gen. Demand		7,332,836	5,144,015	48,155,005	31,114,126
Large General		7,746,185	5,488,655	54,136,665	33,899,164
Independent Power Producer		39,591	9,350	286,765	64,724
Private St. Lights		29,323	27,080	208,077	180,051
	Sub-total	35,744,321	27,583,815	244,704,807	167,350,716
Government Service:					
Small Non Demand		529,777	453,209	5,180,974	2,356,601
Small Demand		3,871,569	3,103,444	28,071,479	19,431,322
Large		2,469,563	1,324,224	14,084,333	8,110,496
Street Lighting		471,191	431,199	3,414,594	2,874,131
	Sub-total	7,342,099	5,312,075	50,751,380	32,772,550
	Total	43,086,421	32,895,890	295,456,187	200,123,266
U. S. Navy		7,377,927	7,172,981	57,244,341	44,285,622
	GRAND TOTAL	50,464,347	40,068,870	352,700,529	244,408,888
NUMBER OF CUSTOMERS:					
Residential		45,445	45,245	45,397	45,246
Residential - Apt & Condo		5	5	5	7
Small Gen. Non Demand		4,521	4,560	4,596	4,543
Small Gen. Demand		841	729	767	732
Large General		83	83	83	84
Independent Power Producer		3	2	3	2
Private St. Lights		499	511	502	517
	Sub-total	51,397	51,135	51,352	51,130
Government Service:					
Small Non Demand		750	718	735	710
Small Demand		336	343	344	346
Large		28	18	21	19
Street Lighting		670	642	665	641
	Sub-total	1,784	1,721	1,765	1,715
	Total	53,181	52,856	53,118	52,846
US Navy		1	1	1	1
	GRAND TOTAL	53,182	52,857	53,119	52,847

CCU Special Meeting, May 30, 2023 - GPA

GPA403

GUAM POWER AUTHORITY
ACCRUED REVENUE
12 MONTHS ENDED APRIL 30, 2023

	TWELVE MONTHS ENDED	APRIL 2023	MARCH 2023	FEBRUARY 2023	JANUARY 2023	DECEMBER 2022	NOVEMBER 2022	OCTOBER 2022	SEPTEMBER 2022	AUGUST 2022	JULY 2022	JUNE 2022	MAY 2022
KWH SALES:													
Residential	523,434,410	42,978,575	41,620,238	37,127,957	40,085,893	43,379,411	44,438,989	42,006,767	44,105,031	44,989,464	44,154,849	47,510,233	51,037,002
Residential - Apt & Condo	7,327,883	588,524	591,100	538,072	607,542	641,336	629,467	365,427	846,899	620,409	612,209	624,516	662,382
Small General Non Demand	82,506,265	5,859,772	5,311,081	5,824,620	6,787,443	7,240,621	7,145,948	7,206,628	7,303,286	7,440,992	7,261,891	7,434,610	7,689,374
Small General Demand	192,936,689	17,132,676	17,714,408	14,631,953	15,589,534	16,149,806	15,807,037	15,830,151	15,651,511	16,167,671	15,923,953	15,900,378	16,437,610
Large General	224,182,525	18,615,072	18,937,481	17,266,514	18,898,736	19,538,055	18,947,397	18,809,554	18,604,465	19,069,312	19,068,609	17,761,359	18,665,972
Independent Power Producer	1,246,217	95,700	113,317	90,229	101,025	105,298	100,625	95,150	104,269	138,482	236,018	30,848	35,255
Private Outdoor Lighting	373,981	29,893	30,263	30,867	31,936	29,921	31,613	31,932	31,828	31,100	29,325	32,900	32,404
Sub-Total	1,032,007,971	85,300,213	84,317,888	75,510,213	82,102,108	87,084,449	87,101,076	84,345,610	86,647,290	88,457,429	87,286,854	89,294,844	94,559,997
Government Service:													
Small Non Demand	19,682,082	1,129,246	1,156,054	1,001,474	2,001,337	2,061,867	1,926,213	2,092,855	1,953,494	1,724,457	1,560,970	1,560,061	1,514,054
Small Demand	109,732,441	8,669,657	8,759,968	8,721,317	9,258,150	9,351,392	9,241,605	9,433,760	9,314,898	9,030,378	8,972,206	9,405,103	9,574,007
Large	54,485,625	5,736,824	5,635,263	4,607,123	4,250,129	4,436,992	4,303,339	4,260,165	4,274,663	4,226,126	4,206,439	4,164,128	4,384,435
Street Lighting (Agencies)	5,256,312	406,152	469,767	427,480	437,596	466,769	423,900	436,484	428,523	431,751	390,067	459,745	418,078
Sub-Total	189,156,460	15,941,879	16,021,053	14,757,394	15,947,212	16,317,019	15,895,055	16,223,264	16,031,578	15,412,712	15,129,682	15,589,036	15,890,575
Total	1,221,164,431	101,242,092	100,338,941	90,267,607	98,049,320	103,401,468	102,996,131	100,568,874	102,678,868	103,870,141	102,416,536	104,883,880	110,450,573
U.S. Navy	311,384,507	24,015,014	23,915,128	26,021,691	27,318,599	26,037,729	25,081,097	25,103,141	26,042,598	26,068,076	27,220,577	27,095,943	27,464,912
Grand Total	1,532,548,937	125,257,106	124,254,069	116,289,298	125,367,919	129,439,197	128,077,228	125,672,015	128,721,466	129,938,216	129,637,114	131,979,823	137,915,485
REVENUE:													
Residential	199,138,699	17,676,159	17,199,481	15,307,673	16,530,473	17,853,658	18,745,580	16,368,977	18,081,366	15,501,990	16,139,401	14,292,525	15,441,415
Residential - Apt & Condo	2,707,410	238,164	239,348	217,923	244,443	257,861	253,729	172,048	291,521	208,421	206,426	183,362	194,164
Small General Non Demand	34,927,758	2,682,063	2,457,448	2,673,862	3,089,178	3,285,850	3,317,413	3,106,964	3,300,091	2,870,269	2,958,905	2,534,252	2,651,464
Small General Demand	76,856,480	7,332,836	7,648,898	6,321,975	6,661,006	6,894,340	6,882,338	6,413,612	6,610,718	5,821,429	5,997,317	5,035,114	5,236,896
Large General	86,359,585	7,746,185	7,880,381	7,213,357	7,852,203	8,101,347	7,923,232	7,419,960	7,445,269	6,668,404	6,770,755	5,572,044	5,766,448
Independent Power Producer	475,121	39,591	47,382	36,908	40,796	43,820	41,604	36,663	41,425	48,493	77,141	9,484	11,813
Private Outdoor Lighting	347,363	29,323	29,402	29,758	30,215	29,432	30,062	29,885	29,690	28,066	26,836	27,544	27,149
Sub-Total	400,812,415	35,744,321	35,502,341	31,801,457	34,448,313	36,466,309	37,193,957	33,548,108	35,800,080	31,147,072	32,176,781	27,654,326	29,329,349
Government Service:													
Small Non Demand	8,400,472	529,777	541,405	472,435	912,583	939,626	879,524	905,625	847,682	675,632	614,420	548,289	533,475
Small Demand	45,180,124	3,871,569	3,904,590	3,909,788	4,123,345	4,160,507	4,118,429	3,983,251	3,926,242	3,429,062	3,405,364	3,140,291	3,207,687
Large	21,549,525	2,469,563	2,417,062	1,970,197	1,806,650	1,880,842	1,826,174	1,713,846	1,722,454	1,521,084	1,509,896	1,322,924	1,388,833
Street Lighting (Agencies)	5,650,771	471,191	502,191	492,241	488,431	499,164	483,931	477,445	512,797	442,151	429,604	431,223	420,402
Sub-Total	80,780,892	7,342,099	7,365,248	6,844,661	7,331,008	7,480,139	7,308,058	7,080,167	7,009,174	6,067,930	5,959,284	5,442,727	5,550,397
Total	481,593,308	43,086,421	42,867,589	38,646,118	41,779,322	43,946,448	44,502,015	40,628,276	42,809,255	37,215,002	38,136,065	33,097,053	34,879,746
U.S. Navy	100,259,053	7,377,927	7,141,214	8,230,255	9,077,194	9,274,918	9,952,503	6,190,330	8,615,354	8,840,672	7,492,766	9,768,043	8,297,876
Grand Total	581,852,360	50,464,347	50,008,803	46,876,373	50,856,515	53,221,366	54,454,518	46,818,606	51,424,609	46,055,673	45,628,831	42,865,096	43,177,622
NUMBER OF CUSTOMERS:													
Residential	45,353	45,445	45,402	45,374	45,461	45,378	45,371	45,347	45,359	45,368	45,203	45,262	45,260
Residential - Apt & Condo	5	5	5	5	5	5	5	5	5	5	5	5	5
Small General Non Demand	4,577	4,521	4,581	4,634	4,634	4,626	4,602	4,574	4,559	4,557	4,539	4,539	4,557
Small General Demand	753	841	841	758	713	741	735	737	735	737	731	731	731
Large General	83	83	83	83	83	83	83	84	83	84	85	84	83
Independent Power Producer	3	3	3	3	3	3	3	3	3	3	3	2	2
Private Outdoor Lighting	506	499	499	500	501	503	504	507	510	512	516	514	510
Sub-Total	51,280	51,397	51,414	51,357	51,400	51,339	51,303	51,257	51,254	51,266	51,082	51,137	51,148
Government Service:													
Small Non Demand	730	750	743	741	731	729	725	726	725	727	723	721	721
Small Demand	344	336	346	354	344	343	343	343	345	343	343	343	342
Large	20	28	26	20	18	18	18	18	18	18	18	18	18
Street Lighting (Agencies)	658	670	669	668	663	663	663	662	662	644	644	645	642
Sub-Total	1,752	1,784	1,784	1,783	1,756	1,753	1,749	1,749	1,750	1,732	1,727	1,723	1,723
Total	53,031	53,181	53,198	53,140	53,156	53,092	53,052	53,006	53,004	52,998	52,810	52,864	52,871
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	53,032	53,182	53,199	53,141	53,157	53,093	53,053	53,007	53,005	52,999	52,811	52,865	52,872

CCU Special Meeting, May 30, 2023 - GPA

GPA 303

GUAM POWER AUTHORITY
FUEL AND NON-FUEL
MARCH 2023

NEW RATE	
LEAC	0.318576
DSM	0.003109
FUEL RATE	0.315467

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
One Month - APRIL 2023												
R Residential	45,445	42,978,575	\$ 17,676,159	\$ 41.1278	41.1278	17,676,159	945.73	\$ 388.96	9.5811	4,117,837	31.5467	13,558,322
D Residential - Apt & Condo	5	588,524	\$ 238,164	\$ 40.4680	40.4680	238,164	117,704.88	\$ 47,632.80	8.9213	52,504	31.5467	185,660
G Small Gen. Non Demand	4,521	5,859,772	\$ 2,682,063	\$ 45.7708	45.7708	2,682,063	1,296.12	\$ 593.25	14.2241	833,499	31.5467	1,848,565
J Small Gen. Demand	841	17,132,676	\$ 7,332,836	\$ 42.8003	42.8003	7,332,836	20,371.79	\$ 8,719.19	11.2724	1,931,267	31.5279	5,401,569
P Large General	83	18,615,072	\$ 7,746,185	\$ 41.6124	41.6124	7,746,185	224,277.98	\$ 93,327.52	10.2474	1,907,560	31.3650	5,838,625
I Independent Power Producer	3	95,700	\$ 39,591	\$ 41.3700	41.3700	39,591	31,900.07	\$ 13,197.06	10.8788	10,411	30.4912	29,180
H Private St. Lights	499	29,893	\$ 29,323	\$ 98.0948	98.0948	29,323	59.91	\$ 58.76	66.5481	19,893	31.5467	9,430
Sub-Total	51,397	85,300,213	\$ 35,744,321	\$ 41.9041	41.9041	35,744,321	1,659.63	\$ 695.46	10.4020	8,872,970	31.5021	26,871,352
Government Service:												
S Small Non Demand	750	1,129,246	\$ 529,777	\$ 46.9142	46.9142	529,777	1,505.66	\$ 706.37	15.3675	173,537	31.5467	356,240
K Small Demand	336	8,669,657	\$ 3,871,569	\$ 44.6565	44.6565	3,871,569	25,802.55	\$ 11,522.53	13.1098	1,136,578	31.5467	2,734,991
L Large	28	5,736,824	\$ 2,469,563	\$ 43.0476	43.0476	2,469,563	204,886.56	\$ 88,198.67	11.8912	682,178	31.5663	1,787,385
F Street Lighting (Agencies)	670	406,152	\$ 471,191	\$ 116.0134	116.0134	471,191	606.20	\$ 703.27	84.6667	343,063	31.5467	128,128
Sub-Total	1,784	15,941,879	\$ 7,342,099	\$ 46.0554	46.0554	7,342,099	8,936.03	\$ 4,115.53	14.6492	2,335,356	31.4062	5,006,743
U.S. Navy	1	101,242,092	\$ 43,086,421	\$ 30.7221	30.7221	43,086,421	7,377.927	\$ 7,377.927	6.1750	1,482,934	24.5471	31,878,094
U.S. Navy	1	24,015,014	\$ 7,377,927	\$ 30.7221	30.7221	7,377,927		\$				5,894,993
TOTAL	53,182	125,257,106	\$ 50,464,347	\$ 40.2886	40.2886	50,464,347	2,355.25	\$ 948.90	10.1322	12,691,260	30.1564	37,773,087
SEVEN Months Ended APRIL 2023												
R Residential	45,397	291,637,830	\$ 119,682,001	\$ 41.0379	41.0379	119,682,001	6,424.19	\$ 2,636.35	9.6573	28,164,210	31.3806	91,517,791
D Residential - Apt & Condo	5	3,961,469	\$ 1,623,516	\$ 40.9827	40.9827	1,623,516	792,293.82	\$ 324,703.13	9.6328	381,601	31.3499	1,241,915
G Small Gen. Non Demand	4,596	45,376,113	\$ 20,612,779	\$ 45.4265	45.4265	20,612,779	9,872.96	\$ 4,484.94	14.0622	6,380,880	31.3643	14,231,918
J Small Gen. Demand	767	112,855,566	\$ 48,155,005	\$ 42.6696	42.6696	48,155,005	147,221.20	\$ 62,818.68	11.3354	12,792,642	31.3643	35,362,364
P Large General	83	131,012,809	\$ 54,136,665	\$ 41.3217	41.3217	54,136,665	1,575,755.44	\$ 651,128.27	10.2374	13,412,289	31.0843	40,724,396
I Independent Power Producer	3	701,345	\$ 286,765	\$ 40.8879	40.8879	286,765	233,781.65	\$ 95,588.30	10.6991	75,037	30.1888	211,728
H Private St. Lights	502	216,425	\$ 208,077	\$ 96.1428	96.1428	208,077	431.25	\$ 414.61	64.9286	140,522	31.2142	67,555
Sub-Total	51,352	585,761,557	\$ 244,704,807	\$ 41.7755	41.7755	244,704,807	11,406.70	\$ 4,765.20	10.4731	61,347,140	31.3024	183,357,667
Government Service:												
S Small Non Demand	735	11,369,046	\$ 5,180,974	\$ 45.5709	45.5709	5,180,974	15,468.09	\$ 7,048.94	14.4390	1,641,574	31.1319	3,539,401
K Small Demand	344	63,435,848	\$ 28,071,479	\$ 44.2518	44.2518	28,071,479	184,329.99	\$ 81,569.26	13.0402	8,272,133	31.2116	19,799,346
L Large	21	33,229,834	\$ 14,084,333	\$ 42.3846	42.3846	14,084,333	1,593,211.24	\$ 675,276.25	11.5748	3,848,275	30.8098	10,238,058
F Street Lighting (Agencies)	665	3,068,148	\$ 3,414,594	\$ 111.2917	111.2917	3,414,594	4,610.78	\$ 5,131.42	80.0656	2,458,530	31.2261	958,064
Sub-Total	1,765	111,102,876	\$ 50,751,380	\$ 45.6796	45.6796	50,751,380	62,932.52	\$ 28,747.34	14.5959	16,216,511	31.0837	34,534,869
U.S. Navy	1	177,492,400	\$ 57,244,341	\$ 32.2517	32.2517	57,244,341		\$	6.1200	10,862,481	26.1317	46,381,861
TOTAL	53,119	874,356,834	\$ 352,700,529	\$ 40.3383	40.3383	352,700,529	16,460.38	\$ 6,639.84	10.1133	88,426,132	30.2250	264,274,396
Twelve Months Ended APRIL 2023												
R Residential	45,353	523,434,410	\$ 199,138,699	\$ 38.0446	38.0446	199,138,699	11,541.47	\$ 4,390.91	9.6115	50,309,906	28.4331	148,828,792
D Residential - Apt & Condo	5	7,327,883	\$ 2,707,410	\$ 36.9467	36.9467	2,707,410	1,465,576.66	\$ 541,481.98	8.7850	643,754	28.1617	2,063,656
G Small Gen. Non Demand	4,577	82,506,265	\$ 34,927,758	\$ 42.3335	42.3335	34,927,758	18,026.60	\$ 7,631.29	13.8956	11,464,780	28.4378	23,462,978
J Small Gen. Demand	753	192,936,689	\$ 76,856,480	\$ 39.8351	39.8351	76,856,480	256,365.88	\$ 102,123.55	11.2687	21,741,521	28.5663	55,114,959
P Large General	83	224,182,525	\$ 86,359,585	\$ 38.5220	38.5220	86,359,585	2,687,502.80	\$ 1,035,279.74	10.3087	23,110,363	28.2133	63,249,221
I Independent Power Producer	3	1,246,217	\$ 475,121	\$ 38.1251	38.1251	475,121	439,841.20	\$ 167,689.73	10.9654	136,652	27.1597	338,469
H Private St. Lights	506	373,981	\$ 347,363	\$ 92.8624	92.8624	347,363	738.73	\$ 686.15	64.7051	241,985	28.1773	105,378
Sub-Total	51,280	1,032,007,971	\$ 400,812,415	\$ 38.8381	38.8381	400,812,415	20,125.16	\$ 7,616.23	10.4310	107,648,962	28.4071	293,163,453
Government Service:												
S Small Non Demand	730	19,682,082	\$ 8,400,472	\$ 42.6808	42.6808	8,400,472	26,955.60	\$ 11,504.87	14.4175	2,837,673	28.2633	5,562,799
K Small Demand	344	109,732,441	\$ 45,180,124	\$ 41.1730	41.1730	45,180,124	319,221.65	\$ 131,433.09	12.9951	14,259,859	28.1779	30,920,265
L Large	20	54,485,625	\$ 21,549,525	\$ 39.5508	39.5508	21,549,525	2,770,455.52	\$ 1,095,738.54	11.5345	6,284,661	28.0163	15,264,863
F Street Lighting (Agencies)	658	5,256,312	\$ 5,650,771	\$ 107.5045	107.5045	5,650,771	7,989.33	\$ 8,588.89	79.2216	4,164,136	28.2829	1,486,635
Sub-Total	1,752	189,156,460	\$ 80,780,892	\$ 42.7059	42.7059	80,780,892	107,996.84	\$ 46,120.98	14.5627	27,546,330	28.1431	53,234,562
U.S. Navy	53,031	1,221,164,431	\$ 481,593,308	\$ 39.4372	39.4372	481,593,308	23,027.37	\$ 9,081.35	11.0710	135,195,292	28.3662	346,398,015
U.S. Navy	1	311,384,507	\$ 100,259,053	\$ 32.1978	32.1978	100,259,053		\$	6.1198	19,056,017	26.0781	81,203,035
TOTAL	53,032	1,632,548,937	\$ 581,852,360	\$ 37.9663	37.9663	581,852,360	28,898.57	\$ 10,971.72	10.0650	154,251,310	27.9013	427,601,051

CCU Special Meeting, May 30, 2023 - GPA

GPA-318
318Apr23

ENERGY ACCOUNT
FY 2023 Versus FY 2022

FOR INTERNAL USE ONLY

Gross Generation	April 2023		April 2022		Y T D 2023		Y T D 2022		MOVING TWELVE MONTHS							
	Number of days in Period	30	30	212	212	365	Peak demand	240	237	250	260	Date	04/17/23	04/08/22	12/09/22	09/07/22
	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change				
Energy Account:																
Kilowatt hours GPA:																
Cabras 1 & 2	40,561,000		35,904,000		310,694,000		356,159,000		569,964,000							
Cabras No. 3	0		0		0		0		0							
Cabras No. 4	0		0		0		0		0							
MEC (ENRON) Piti 8 (IPP)	25,577,300		27,846,500		175,797,100		191,809,460		268,348,500							
MEC (ENRON) Piti 9 (IPP)	26,882,900		21,045,400		172,723,700		125,023,200		268,046,500							
TEMES Piti 7 (IPP)	10,783,055		15,362,755		69,922,401		88,686,498		135,318,932							
Tanguisson 2	0		0		0		0		0							
Tanguisson 1	0		0		0		0		0							
Diesels/CT's & Others:																
MDI 10MW	131,299		218,145		896,374		1,592,243		1,964,444							
NRG Solar Dandan	4,264,603		4,081,310		25,565,799		27,547,254		45,533,814							
KEPCO Mangilao Solar	12,335,969		0		78,163,481		0		124,656,091							
Dededo CT #1	3,986,500		4,613,870		16,211,910		24,290,000		36,736,120							
Dededo CT #2	3,441,870		5,513,560		16,786,780		32,917,000		39,369,270							
Macheche CT	1,188,561		8,850,548		5,104,851		30,288,886		16,167,051							
Yigo CT (Leased)	6,986,009		11,444,107		50,353,170		63,820,000		89,435,743							
Tenjo	742,830		963,730		4,315,830		9,956,960		9,290,750							
Talofoto 10 MW	129,590		1,256,650		877,200		3,042,980		3,575,730							
Aggreko/Yigo Diesel Units	1,012,561		1,004,193		35,957,723		16,841,622		79,078,616							
Wind Turbine*	0		0		0		0		0							
Orote	0		0		0		0		0							
Marbo	0		0		0		0		0							
	138,024,047		138,104,767		963,370,320		971,975,103		1,687,485,560							
Ratio to last year		99.94		94.11		99.11		99.18				98.75				
Station use	4,974,348		4,305,389		33,918,292		36,793,871		60,282,197							
Ratio to Gross generation		3.60		3.12		3.52		3.79				3.57				
Net send out	133,049,698		133,799,378		929,452,027		935,181,231		1,627,203,363							
Ratio to last year		99.44		94.77		99.39		99.38				98.98				
KWH deliveries:																
Sales to Navy (@34.5kv)	24,015,014		24,814,899		177,492,399		179,548,582		311,384,505							
Ratio to last year		96.78		107.34		98.85		100.79				99.44				
GPA-metered	109,034,684		108,984,479		751,959,628		755,632,649		1,315,818,858							
Ratio to last year		100.05		92.31		99.51		99.05				98.87				
Power factor adj.	0		0		0		0		0							
Adjusted	109,034,684		108,984,479		751,959,628		755,632,649		1,315,818,858							
GPA KWH Accountability:																
Sales to civilian customers- accrual basis	101,242,092		100,845,986		696,864,433		702,418,852		1,221,164,432							
Ratio to last year		100.39		98.72		99.21		116.42				98.37				
GPA use-KWH	313,693		292,603		2,185,882		2,010,390		3,703,727							
Unaccounted For	7,478,899		7,845,890		52,909,314		51,203,408		90,950,699							
Ratio to deliveries		6.86		7.20		7.04		6.78				6.91				
Ratio to Gross Generation		5.42		5.68		5.49		5.27				5.39				
Ratio to Net Send Out		5.63		5.88		5.69		5.48				5.60				

GPA-317Apr23

**Guam Power Authority
Fuel Consumption
FY 2023**

Description	April 2023		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARRELS	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low/Ultra Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
High Sulfur	0	\$0	0	\$ -	166,563	\$ 14,377,299
Diesel	149,263	\$17,321,283	999,348	\$ 132,129,517	1,585,599	\$ 219,304,876
Low/Ultra Sulfur	72,417	\$10,217,940	552,284	\$ 88,719,946	1,002,862	\$ 143,342,377
Deferred Fuel Costs	0	\$6,918,835	0	\$ 22,288,248	0	\$ 14,566,720
Fuel Adjustments	0	\$0	0	\$ 1,642,037	0	\$ 2,599,247
Fuel Handling Costs	0	\$3,315,029	0	\$ 19,494,648	0	\$ 33,410,531
	221,680	\$37,773,087	1,551,632	\$ 264,274,396	2,755,023	\$ 427,601,050
IWPS:						
High Sulfur	0	\$0	0	\$ -	166,563	\$ 14,377,299
Diesel	149,263	\$17,321,283	999,348	\$ 132,129,517	1,585,599	\$ 219,304,876
Low/Ultra Sulfur	72,417	\$10,217,940	552,284	\$ 88,719,946	1,002,862	\$ 143,342,377
Deferred Fuel Costs	0	\$6,918,835	0	\$ 22,288,248	0	\$ 14,566,720
Fuel Variance	0	\$0	0	\$ 1,642,037	0	\$ 2,599,247
Fuel Handling Costs	0	\$3,315,029	0	\$ 19,494,648	0	\$ 33,410,531
	221,680	\$37,773,087	1,551,632	\$ 264,274,396	2,755,023	\$ 427,601,050
AVERAGE COST/Bbl.						
High Sulfur		#DIV/0!		#DIV/0!		\$86.32
Diesel		\$116.05		\$132.22		\$138.31
Low/Ultra Sulfur		\$141.10		\$160.64		\$142.93
AS BURNED						
Cabras 1 & 2						
High Sulfur	0	\$ -	0	\$ -	166,563	\$ 14,377,299
Low/Ultra Sulfur	72,417	\$ 10,217,940	552,284	\$ 88,719,946	843,018	\$ 123,389,771
Diesel	489	\$ 71,045	1,087	\$ 167,874	1,897	\$ 267,449
	72,906	\$ 10,288,985	553,372	\$ 88,887,820	1,011,478	\$ 138,034,519
Cabras 3 & 4						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	0	\$ -	0	\$ -	0	\$ -
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
High Sulfur	0	\$ -	0	\$ -	0	\$ -
Low/Ultra Sulfur	0	\$ -	0	\$ -	159,843	\$ 19,952,606
Diesel	78,245	\$ 9,196,986	521,094	\$ 70,820,505	621,252	\$ 79,998,689
	78,245	\$ 9,196,986	521,094	\$ 70,820,505	781,095	\$ 99,951,295
Diesel & CT's - GPA:						
MDI Dsl	212	\$ 33,239	1,443	\$ 226,301	3,141	\$ 432,841
Dededo CT #1	11,768	\$ 1,336,449	49,024	\$ 6,100,642	108,036	\$ 15,597,082
Dededo CT #2	10,245	\$ 1,163,505	50,404	\$ 6,366,281	114,726	\$ 16,726,332
Macheche CT	2,399	\$ 281,242	10,669	\$ 1,461,275	32,384	\$ 4,892,369
Yigo CT	13,902	\$ 1,572,638	103,618	\$ 13,284,607	182,142	\$ 25,939,129
Talofoto 10 MW	218	\$ 32,295	1,467	\$ 210,357	6,033	\$ 942,836
Aggreko	2,169	\$ 250,194	67,877	\$ 8,997,221	148,910	\$ 22,279,314
Tenjo	1,259	\$ 171,954	7,267	\$ 810,343	15,801	\$ 1,554,223
TEMES (IPP)	28,340	\$ 3,208,523	185,187	\$ 23,645,649	350,501	\$ 50,548,185
GWA Generators	18	\$ 3,212	210	\$ 38,463	777	\$ 126,426
	70,530	\$ 8,053,252	477,166	\$ 61,141,137	962,451	\$ 139,038,737
Deferred Fuel Costs	0	\$ 6,918,835	0	\$ 22,288,248	0	\$ 14,566,720
Adjustment	0	\$ -	0	\$ 1,642,037	0	\$ 2,599,247
Fuel Handling Costs	0	\$ 3,315,029	0	\$ 19,494,648	0	\$ 33,410,531
TOTAL	221,681	\$ 37,773,087	1,551,632	\$ 264,274,396	2,755,023	\$ 427,601,050

Statement of operations Comparison-Budget versus Actual For the month and year to date ended April 30, 2023						
	Budget	Actual April-23	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	102,252	101,242	1,010	713,745	696,864	16,881
Non-fuel yield	\$ 0.114171	\$ 0.110708	\$ 0.003463	\$ 0.113439	\$ 0.111304	\$ 0.002135
KwH Sales-Navy	26,358	24,015	2,343	183,648	177,492	6,156
Non-fuel yield	\$ 0.062785	\$ 0.061750	\$ 0.001034	\$ 0.062785	\$ 0.061200	\$ 0.001585
Operating revenue						
Civilian sales	\$ 11,674	\$ 11,208	\$ 466	\$ 80,966	\$ 77,564	\$ 3,403
Oil	44,794	37,773	7,021	252,296	264,274	(11,979)
Navy	1,655	1,483	172	11,530	10,862	668
DSM-Rebates	-	316	(316)	-	2,167	(2,167)
Other income	184	415	(230)	1,290	1,556	(266)
	<u>58,308</u>	<u>51,195</u>	<u>7,113</u>	<u>346,083</u>	<u>356,424</u>	<u>(10,341)</u>
Bad debts expense	100	100	0	699	699	0
Total operating revenues	\$ 58,208	\$ 51,095	\$ 7,113	\$ 345,384	\$ 355,725	\$ (10,341)
Operating expenses:						
Production fuel	\$ 44,794	\$ 37,773	\$ 7,021	\$ 252,296	\$ 264,274	\$ (11,979)
O & M expenses:						
Other production	1,919	1,322	597	11,709	9,613	2,097
Transmission distribution	1,275	1,048	227	8,404	8,135	269
Administrative expense	3,779	2,701	1,078	25,227	20,256	4,971
Customer accounting	609	539	70	3,815	3,637	178
	<u>7,582</u>	<u>5,610</u>	<u>1,972</u>	<u>49,155</u>	<u>41,641</u>	<u>7,514</u>
IPP costs	1,166	853	313	8,164	6,089	2,075
Depreciation	3,489	2,879	609	24,421	20,209	4,212
	<u>57,031</u>	<u>47,115</u>	<u>9,916</u>	<u>334,036</u>	<u>332,213</u>	<u>1,823</u>
Operating income	1,177	3,980	(2,803)	11,348	23,512	(12,164)
Other revenue (expenses):						
Investment income	83	75	8	583	1,750	(1,167)
Interest expense	(1,943)	(1,951)	7	(13,604)	(13,655)	51
Allowance for funds used during construction	-	0	(0)	-	14	(14)
Pandemic -COVID19	-	-	-	-	(72)	72
Losses due to typhoon	-	(0)	0	-	(37)	37
Bond issuance costs/Other expenses	40	112	(73)	277	161	116
Net income before capital contribution	(644)	2,217	(2,860)	(1,395)	11,673	(13,069)
Grants from the U.S. Government	-	137	(137)	-	2,334	(2,334)
Increase (decrease) in net assets	\$ (644)	\$ 2,354	\$ (2,997)	\$ (1,395)	\$ 14,007	\$ (15,403)

Sales Budget versus Actual

Category	YTD Budget (\$000)	YTD Actual (\$000)
Civilian sales	102,252	101,242
Oil	44,794	37,773
Navy	1,655	1,483
Other Income	184	415

Expenses Budget versus Actual

Category	YTD Budget (\$000)	YTD Actual (\$000)
Fuel	44,794	37,773
Other prod	1,919	1,322
T&D	1,275	1,048
O&M	3,779	2,701
Customer Acctg	609	539
IPP Costs	1,166	853
Depreciation	3,489	2,879
Interest	-	-

Guam Power Authority Debt service coverage April 30, 2023					
	Audited 2019	Audited 2020	Audited 2021	Unaudited 2022	YTD Unaudited 2023
Funds Available for Debt Service					
Earnings from Operations	\$ 39,053	\$ 27,703	\$ 33,341	\$ 44,445	\$ 23,512
Interest Income	\$2,746	\$836	(245)	(338)	\$1,598
Depreciation Expense	36,999	37,645	38,235	35,213	20,209
Balance Available for Debt Service	<u>\$ 78,798</u>	<u>\$ 66,184</u>	<u>\$ 71,331</u>	<u>\$ 79,320</u>	<u>\$ 45,319</u>
IPP - Capital Costs					
Principal	\$ 13,470	\$ 8,399	\$ 2,217	\$ -	\$ -
Interest	1,068	531	28	-	-
Total IPP Payments	<u>\$ 14,538</u>	<u>\$ 8,930</u>	<u>\$ 2,245</u>	<u>\$ -</u>	<u>\$ -</u>
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	-	-	-	-	-
Principal and Interest (2012 Senior TE Bond)	31,467	35,232	35,232	20,746	-
Principal and Interest (2014 Senior TE Bond)	5,084	5,087	5,088	5,086	2,965
Principal and Interest (2017 Senior TE Bond)	7,607	7,418	7,416	7,733	6,680
Principal and Interest (2022 Bond)	-	-	-	8,745	18,355
Total	<u>\$ 44,158</u>	<u>\$ 47,737</u>	<u>\$ 47,736</u>	<u>\$ 42,310</u>	<u>\$ 28,001</u>
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	1.46 x	1.20 x	1.45	1.87 x	1.62 x
Existing DSC Methodology (Senior+Subordinate)	1.46 x	1.20 x	1.45	1.87 x	1.62 x
Bond Covenant DSC	1.78 x	1.39 x	1.49	1.87 x	1.62 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20	1.20 x	1.20 x

Notes:

(1) Source: Guam Power Authority, 2017 - 2020 Audited Financial Statements and 2020-2021 Unaudited Financial Statements

(2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit

(3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal & Interest Payments (Senior and Subordinate Bond Principal & Interest Payments))

(4) Bond Covenant DSC Methodology: (Operating Earnings + Depreciation Expense) / (Senior and Subordinate Bond Principal & Interest Payments)

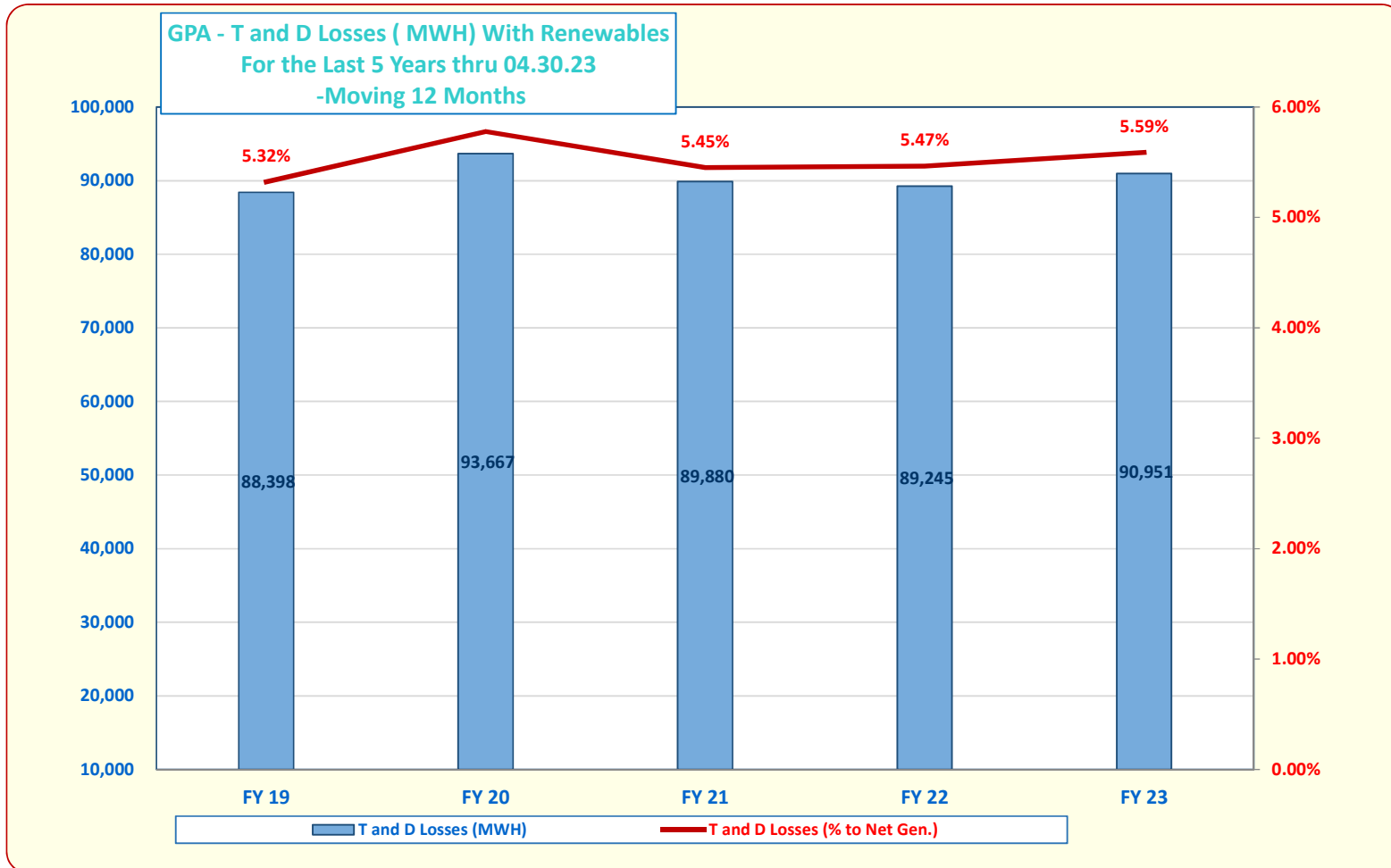
Month	Existing Methodology	Bond covenant calc	Target	Bond requirement
May-22	1.75	1.75	1.75	1.25
Jun-22	1.75	1.75	1.75	1.25
Jul-22	1.75	1.75	1.75	1.25
Aug-22	1.75	1.75	1.75	1.25
Sep-22	1.75	1.75	1.75	1.25
Oct-22	1.75	1.75	1.75	1.25
Nov-22	1.75	1.75	1.75	1.25
Dec-22	1.75	1.75	1.75	1.25
Jan-23	1.75	1.75	1.75	1.25
Feb-23	1.75	1.75	1.75	1.25
Mar-23	1.75	1.75	1.75	1.25
Apr-23	1.75	1.75	1.75	1.25

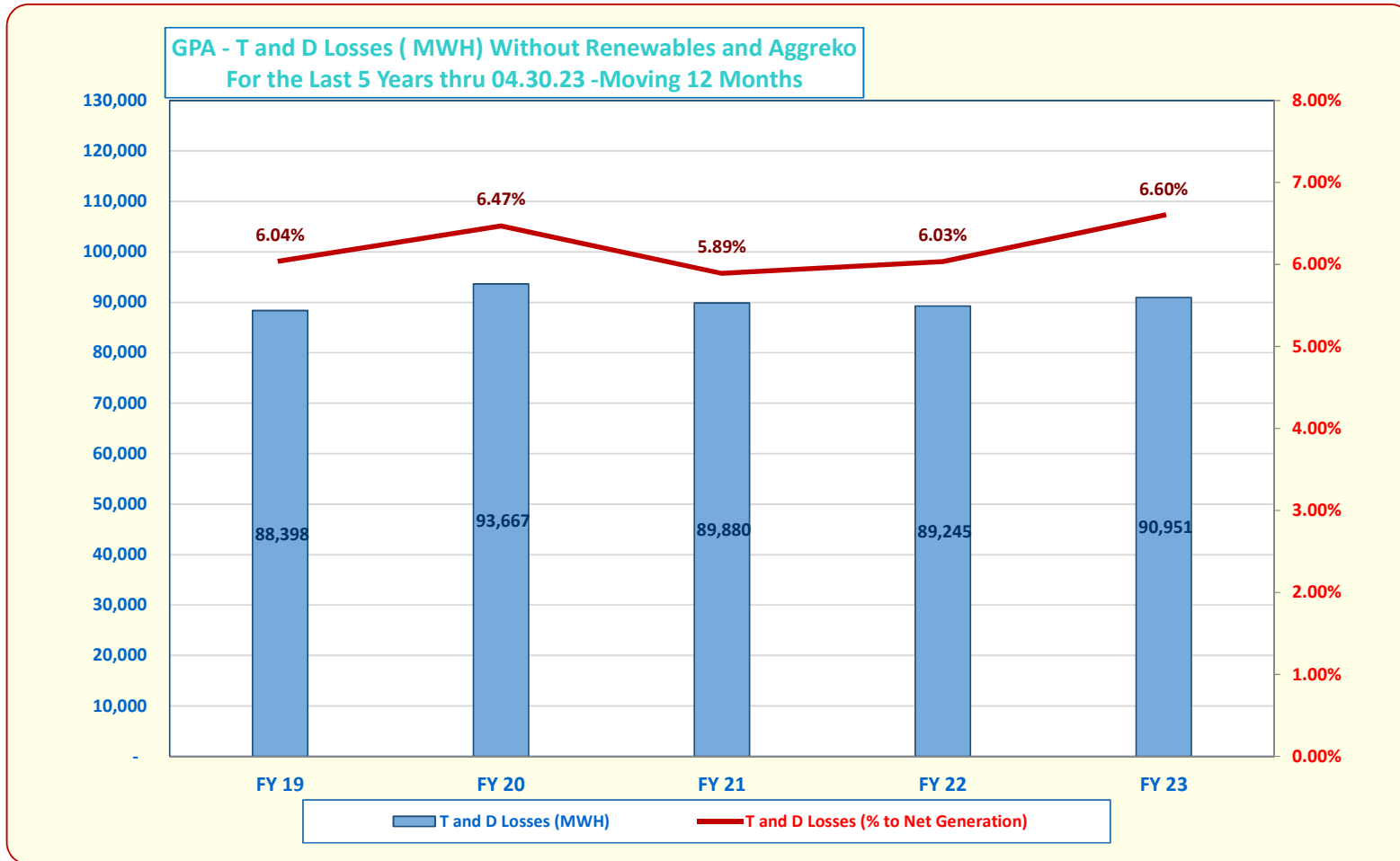
CCU Special Meeting, May 30, 2023 - GPA

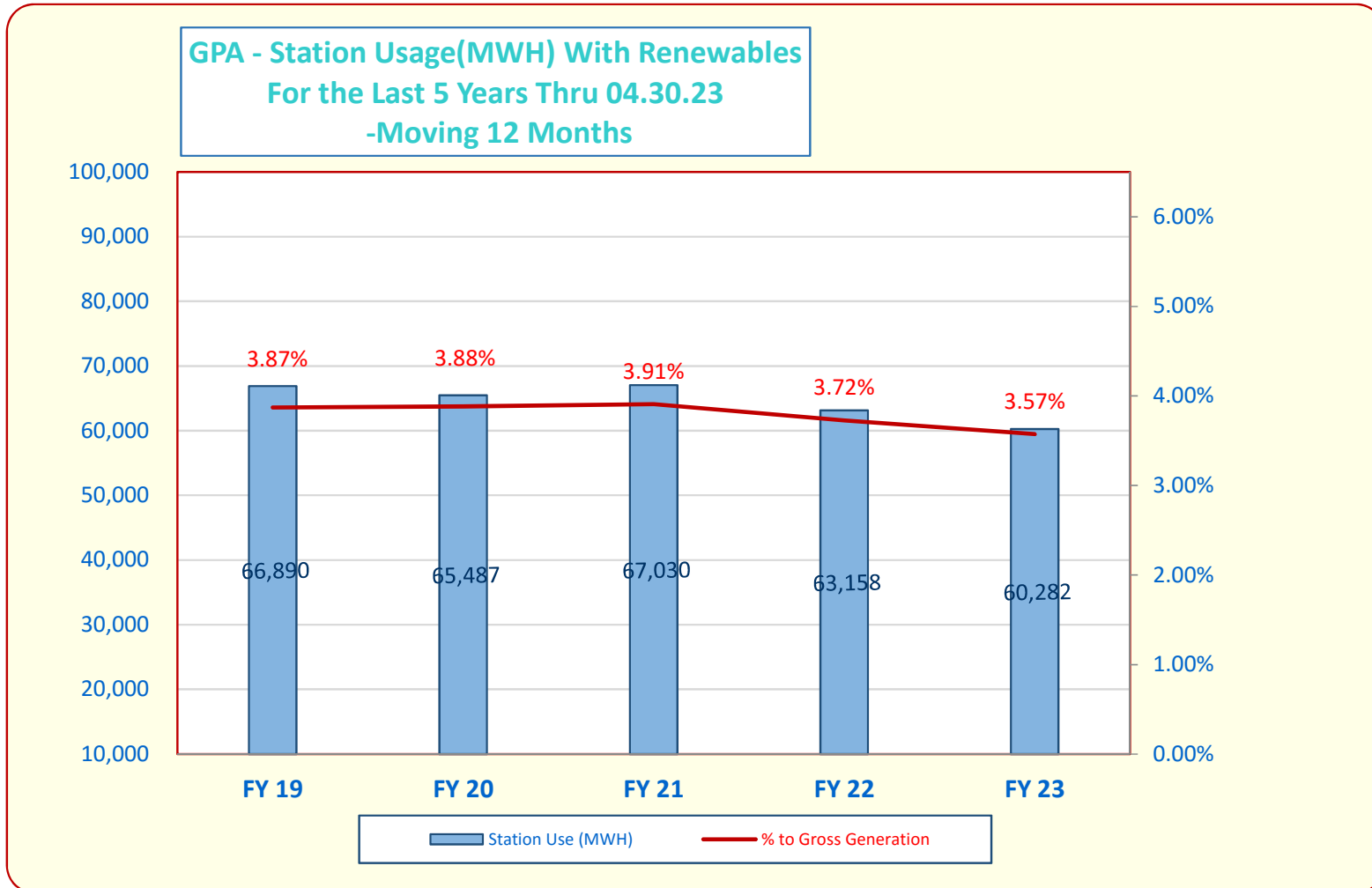
REVENUES-ACTUAL VS PROJECTIONS								
	MONTHLY - APRIL 2023				YTD THRU 04/30/2023			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	46,498,009	42,978,575	(3,519,434)	-7.57%	322,123,899	291,637,830	(30,486,069)	-9.46%
Residential - Apt & Condo	631,900	588,524	(43,375)	-6.86%	4,472,883	3,961,469	(511,414)	-11.43%
Small General-Non-Demand	6,153,070	5,859,772	(293,298)	-4.77%	47,528,664	45,376,113	(2,152,551)	-4.53%
Small General-Demand	17,525,077	17,132,676	(392,401)	-2.24%	111,480,035	112,855,566	1,375,531	1.23%
Large	17,725,115	18,615,072	889,957	5.02%	124,146,255	131,012,809	6,866,554	5.53%
Independent Power Producers	28,494	95,700	67,206	235.86%	232,547	701,345	468,798	201.59%
Private St. Lites	30,212	29,893	(319)	-1.06%	223,647	216,425	(7,222)	-3.23%
Sub-total	88,591,876	85,300,213	(3,291,663)	-3.72%	610,207,929	585,761,557	(24,446,372)	-4.01%
Government								
Small_Non Demand	857,243	1,129,246	272,003	31.73%	6,876,906	11,369,046	4,492,140	65.32%
Small-Demand	7,928,132	8,669,657	741,525	9.35%	64,215,224	63,435,848	(779,376)	-1.21%
Large	4,241,032	5,736,824	1,495,792	35.27%	29,129,233	33,229,834	4,100,601	14.08%
Public St. Lites	633,841	406,152	(227,689)	-35.92%	3,316,139	3,068,148	(247,992)	-7.48%
Sub-total	13,660,247	15,941,879	2,281,632	16.70%	103,537,502	111,102,876	7,565,374	7.31%
Total-Civilian	102,252,124	101,242,092	(1,010,032)	-0.99%	713,745,431	696,864,433	(16,880,998)	-2.37%
USN	26,357,540	24,015,014	(2,342,526)	-8.89%	183,648,301	177,492,400	(6,155,901)	-3.35%
Grand Total	128,609,664	125,257,106	(3,352,557)	-2.61%	897,393,732	874,356,834	(23,036,899)	-2.57%
Non-Oil Yield								
Residential	0.096931	0.095811	(0.001120)	-1.16%	0.100713	0.096573	(0.004140)	-4.11%
Residential - Apt & Condo	0.087032	0.089213	0.002181	2.51%	0.087032	0.096328	0.009296	10.68%
Small General-Non-Demand	0.142310	0.142241	(0.000069)	-0.05%	0.142310	0.140622	(0.001688)	-1.19%
Small General-Demand	0.115858	0.112724	(0.003134)	-2.70%	0.115858	0.113354	(0.002504)	-2.16%
Large	0.106905	0.102474	(0.004431)	-4.14%	0.106905	0.102374	(0.004531)	-4.24%
Independent Power Producers	0.112407	0.108788	(0.003620)	-0.00%	0.112407	0.106991	(0.005417)	-0.00%
Private St. Lites	0.626748	0.665481	0.038733	6.18%	0.626748	0.649286	0.022538	3.60%
Sub-total	0.108481	0.104020	(0.004461)	-4.11%	0.108076	0.104731	(0.003346)	-3.10%
Government								
Small_Non Demand	0.159391	0.153675	(0.005716)	-3.59%	0.159391	0.144390	(0.015001)	-9.41%
Small-Demand	0.131951	0.131098	(0.000853)	-0.65%	0.131951	0.130402	(0.001550)	-1.17%
Large	0.120858	0.118912	(0.001946)	-1.61%	0.120858	0.115748	(0.005110)	-4.23%
Public St. Lites	0.581168	0.844667	0.263499	45.34%	0.581168	0.800656	0.219488	37.77%
Sub-total	0.151073	0.146492	(0.004581)	-3.03%	0.145040	0.145959	0.000919	0.63%
Total-Civilian	0.114171	0.110708	(0.003463)	-3.03%	0.113439	0.111504	(0.002135)	-1.88%
USN	0.062785	0.061750	(0.001034)	-1.65%	0.062785	0.061200	(0.001585)	-2.52%
Grand Total	0.103640	0.101322	(0.002318)	-2.24%	0.103072	0.101133	(0.001940)	-1.88%
Non-Oil Revenues								
Residential	4,732,450	4,117,837	(614,614)	-12.99%	32,441,994	28,164,210	(4,277,784)	-13.19%
Residential - Apt & Condo	54,996	52,504	(2,492)	-4.53%	389,286	381,601	(7,685)	-1.97%
Small General-Non-Demand	875,643	833,499	(42,144)	-4.81%	6,763,800	6,380,860	(382,940)	-5.66%
Small General-Demand	2,030,418	1,931,267	(99,151)	-4.88%	12,915,836	12,792,642	(123,195)	-0.95%
Large	1,894,906	1,907,560	12,654	0.67%	13,271,874	13,412,269	140,394	1.06%
Independent Power Producers	3,203	10,411	7,208	225.04%	26,140	75,037	48,897	187.06%
Private St. Lites	18,935	19,893	958	5.06%	140,170	140,522	351	0.25%
Sub-total	9,610,551	8,872,970	(737,581)	-7.67%	65,949,102	61,347,140	(4,601,962)	-6.98%
Government								
Small_Non Demand	136,637	173,537	36,901	27.01%	1,096,117	1,641,574	545,457	49.76%
Small-Demand	1,046,127	1,136,578	90,451	8.65%	8,473,276	8,272,133	(201,143)	-2.37%
Large	512,563	682,178	169,615	33.09%	3,520,503	3,846,275	325,772	9.25%
Public St. Lites	368,368	343,063	(25,304)	-6.87%	1,927,233	2,456,530	529,297	27.46%
Sub-total	2,063,694	2,335,356	271,662	13.16%	15,017,128	16,216,511	1,199,383	7.99%
Total-Civilian	11,674,245	11,208,326	(465,919)	-3.99%	80,966,230	77,563,651	(3,402,579)	-4.20%
USN	1,654,850	1,482,934	(171,916)	-10.39%	11,530,302	10,862,481	(667,821)	-5.79%
Grand Total	13,329,095	12,691,260	(637,835)	-4.79%	92,496,532	88,426,132	(4,070,400)	-4.40%
	% of Total Revenues	40.73%	25.15%		40.60%	25.07%		
Oil Revenues								
Residential	7,011,900	13,558,322	6,546,422	93.36%	48,576,284	91,517,791	42,941,507	88.40%
Residential - Apt & Condo	95,290	185,660	90,370	94.84%	674,511	1,241,915	567,404	84.12%
Small General-Non-Demand	927,883	1,848,565	920,682	99.22%	7,167,323	14,231,918	7,064,596	98.57%
Small General-Demand	2,642,782	5,401,569	2,758,787	104.33%	16,811,189	35,362,364	18,551,174	110.35%
Large	2,672,947	5,838,625	3,165,677	118.43%	18,721,255	40,724,396	22,003,141	117.53%
Independent Power Producers	4,297	29,180	24,883	579.09%	35,068	211,728	176,660	503.76%
Private St. Lites	4,556	9,430	4,874	106.99%	33,726	67,555	33,829	100.31%
Sub-total	13,359,685	26,871,352	13,511,667	101.14%	92,019,356	183,338,667	91,338,312	99.26%
Government								
Small_Non Demand	129,272	356,240	226,968	175.57%	1,037,037	3,539,401	2,502,363	241.30%
Small-Demand	1,195,562	2,734,991	1,539,429	128.76%	9,683,656	19,799,346	10,115,690	104.46%
Large	639,548	1,787,385	1,147,837	179.48%	4,392,688	10,238,058	5,845,370	133.07%
Public St. Lites	95,583	128,128	32,544	34.05%	500,074	958,064	457,990	91.58%
Sub-total	2,059,965	5,006,743	2,946,778	143.05%	15,613,455	34,534,869	18,921,413	121.19%
Total-Civilian	15,419,620	31,878,094	16,458,474	106.74%	107,632,811	217,893,536	110,259,725	102.44%
USN	3,974,717	5,894,993	1,920,276	48.31%	27,694,164	46,381,861	18,687,697	67.48%
Grand Total	19,394,337	37,773,087	18,378,750	94.76%	135,326,975	264,274,397	128,947,422	95.29%
	59.27%	74.85%			59.40%	74.93%		
Grand Total								
Residential	11,744,350	17,676,159	5,931,809	50.51%	81,018,278	119,682,001	38,663,723	47.72%
Residential - Apt & Condo	150,286	238,164	87,878	36.90%	1,063,797	1,623,516	559,719	52.62%
Small General-Non-Demand	1,803,526	2,682,063	878,537	48.71%	13,931,123	20,612,779	6,681,656	47.96%
Small General-Demand	4,673,199	7,332,836	2,659,637	56.91%	29,727,025	48,155,005	18,427,980	61.99%
Large	4,567,853	7,746,185	3,178,331	69.58%	31,993,130	54,136,665	22,143,535	69.21%
Independent Power Producers	7,500	39,591	32,091	427.89%	61,208	286,765	225,557	368.51%
Private St. Lites	23,491	29,323	5,832	24.83%	173,896	208,077	34,181	19.66%
Sub-total	22,970,206	35,744,321	12,774,116	55.61%	157,968,457	244,704,807	86,736,350	54.91%
Government								
Small_Non Demand	265,909	529,777	263,868	99.23%	2,133,154	5,180,974	3,047,820	142.88%
Small-Demand	2,241,689	3,871,569	1,629,880	72.71%	18,156,932	28,071,479	9,914,547	54.60%
Large	1,152,111	2,469,563	1,317,452	114.35%	7,913,191	14,084,333	6,171,142	77.99%
Public St. Lites	463,951	471,191	7,240	1.56%	2,427,306	3,414,594	987,287	40.67%
Sub-total	4,123,659	7,342,099	3,218,440	78.05%	30,630,584	50,751,380	20,120,796	65.69%
Total-Civilian	27,093,865	43,086,421	15,992,556	59.03%	188,599,041	295,456,187	106,857,146	56.66%
USN	5,629,567	7,377,927	1,748,360	31.06%	39,224,465	57,244,341	18,019,876	45.94%
Grand Total	32,723,432	50,464,347	17,740,915	54.21%	227,823,507	352,700,529	124,877,022	54.81%

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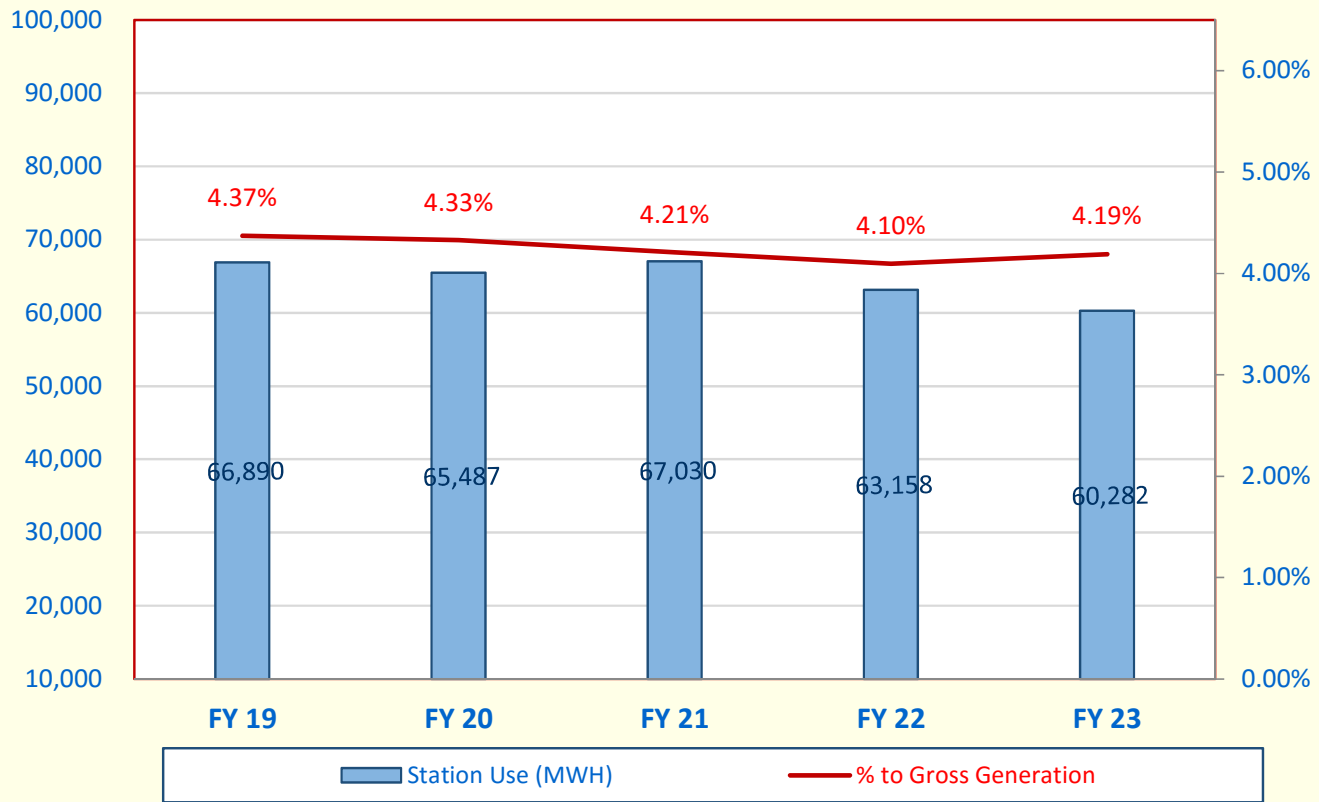
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 7 MONTHS ENDED APRIL				ACTUALS - MONTH ENDED APRIL 2023			
	2023	2022	VARIANCE	% VARIANCE	2023	2022	VARIANCE	% VARIANCE
KWH								
Residential	291,637,830	315,986,012	(24,348,182)	-7.71%	42,978,575	44,827,694	(1,849,119)	-4.12%
Residential - Apt & Condo	3,961,469	4,408,587	(447,118)	-10.14%	588,524	629,926	(41,402)	-6.57%
Small General-Non-Demand	45,376,113	47,812,685	(2,436,573)	-5.10%	5,859,772	7,111,304	(1,251,532)	-17.60%
Small General-Demand	112,855,566	108,120,366	4,735,200	4.38%	17,132,676	15,688,765	1,443,911	9.20%
Large	131,012,809	122,112,313	8,900,496	7.29%	18,615,072	17,415,349	1,199,724	6.89%
Independent Power Producers	701,345	230,614	470,731	204.12%	95,700	29,804	65,896	221.10%
Private St. Lites	216,425	222,507	(6,081)	-2.73%	29,893	32,182	(2,289)	-7.11%
Sub-total	585,761,557	598,893,084	(13,131,527)	-2.19%	85,300,213	85,735,024	(434,811)	-0.51%
Government								
Small_Non Demand	11,369,046	7,193,629	4,175,417	58.04%	1,129,246	1,272,285	(143,039)	-11.24%
Small-Demand	63,435,848	64,585,296	(1,149,447)	-1.78%	8,669,657	9,214,457	(544,799)	-5.91%
Large	33,229,834	28,647,547	4,582,287	16.00%	5,736,824	4,164,441	1,572,383	37.76%
Public St. Lites	3,068,148	3,099,296	(31,148)	-1.01%	406,152	459,781	(53,628)	-11.66%
Sub-total	111,102,876	103,525,768	7,577,108	7.32%	15,941,879	15,110,963	830,916	5.50%
Total-Civilian	696,864,433	702,418,852	(5,554,419)	-0.79%	101,242,092	100,845,986	396,106	0.39%
USN	177,492,400	179,548,583	(2,056,183)	-1.15%	24,015,014	24,814,899	(799,885)	-3.22%
Grand Total	874,356,834	881,967,435	(7,610,602)	-0.86%	125,257,106	125,660,886	(403,779)	-0.32%
Non-Oil Yield								
Residential	0.096573	0.101773	-0.005200	-5.11%	0.095811	0.095006	0.000805	0.85%
Residential - Apt & Condo	0.096328	0.086784	0.009544	11.00%	0.089213	0.073955	0.015258	20.63%
Small General-Non-Demand	0.140622	0.144473	-0.003851	-2.67%	0.142241	0.134736	0.007505	5.57%
Small General-Demand	0.113354	0.117679	-0.004325	-3.67%	0.112724	0.110231	0.002494	2.26%
Large	0.102374	0.102847	-0.000573	-0.54%	0.102474	0.105616	-0.003142	-2.97%
Independent Power Producers	0.106991	0.117128	-0.010138	-8.66%	0.108788	0.114365	-0.005578	-4.88%
Private St. Lites	0.649286	0.638877	0.010409	1.63%	0.665481	0.635029	0.030452	4.80%
Sub-total	0.104731	0.109468	-0.004738	-4.33%	0.104020	0.103297	0.000723	0.70%
Government								
Small_Non Demand	0.144390	0.155593	-0.011203	-7.20%	0.153675	0.149772	0.003903	2.61%
Small-Demand	0.130402	0.130422	-0.000020	-0.02%	0.131098	0.130359	0.000740	0.57%
Large	0.115748	0.115274	0.000474	0.41%	0.118912	0.114518	0.004395	3.84%
Public St. Lites	0.800656	0.757484	0.043171	5.70%	0.844667	0.731393	0.113274	15.49%
Sub-total	0.145959	0.146752	-0.000792	-0.54%	0.146492	0.145915	0.000577	0.40%
Total-Civilian	0.111304	0.114963	-0.003660	-3.18%	0.110708	0.109683	0.001025	0.93%
USN	0.061200	0.062548	-0.001349	-2.16%	0.061750	0.063462	-0.001712	-2.70%
Grand Total	0.101133	0.104293	-0.003160	-3.03%	0.101322	0.100556	0.000766	0.76%
Non-Oil Revenues								
Residential	28,164,210	32,158,701	(3,994,492)	-12.42%	4,117,837	4,258,895	(141,059)	-3.31%
Residential - Apt & Condo	381,601	382,595	(995)	0.00%	52,504	46,586	5,918	12.70%
Small General-Non-Demand	6,380,860	6,907,624	(526,764)	-7.63%	833,499	958,148	(124,650)	-13.01%
Small General-Demand	12,792,642	12,723,469	69,173	0.54%	1,931,267	1,729,383	201,884	11.67%
Large	13,412,269	13,218,239	194,029	1.47%	1,907,560	1,839,339	68,221	3.71%
Independent Power Producers	75,037	27,011	48,026	177.80%	10,411	3,409	7,002	205.44%
Private St. Lites	140,522	142,154	(1,632)	-1.15%	19,893	20,436	(543)	-2.66%
Sub-total	61,347,140	65,559,794	(4,212,654)	-6.43%	8,872,970	8,856,196	16,774	0.19%
Government								
Small_Non Demand	1,641,574	1,119,280	522,294	46.66%	173,537	190,553	(17,016)	-8.93%
Small-Demand	8,272,133	8,423,331	(151,198)	-1.79%	1,136,578	1,201,184	(64,606)	-5.38%
Large	3,846,275	3,302,314	543,962	16.47%	682,178	476,902	205,276	43.04%
Public St. Lites	2,456,530	2,347,668	108,862	4.64%	343,063	336,280	6,783	2.02%
Sub-total	16,216,511	15,192,592	1,023,919	6.74%	2,335,356	2,204,919	130,437	5.92%
Total-Civilian	77,563,651	80,752,386	(3,188,735)	-3.95%	11,208,326	11,061,115	147,211	1.33%
USN	10,862,481	11,230,488	(368,008)	-3.28%	1,482,934	1,574,807	(91,873)	-5.83%
Grand Total	88,426,132	91,982,874	(3,556,742)	-3.87%	12,691,260	12,635,922	55,338	0.44%
	% of Total Revenues							
Oil Revenues								
Residential	91,517,791	53,731,786	37,786,005	70.32%	13,558,322	9,946,040	3,612,282	36.32%
Residential - Apt & Condo	1,241,915	750,228	491,688	65.54%	185,660	130,702	54,958	42.05%
Small General-Non-Demand	14,231,918	8,161,716	6,070,202	74.37%	1,848,565	1,574,344	274,221	17.42%
Small General-Demand	35,362,364	18,390,657	16,971,706	92.28%	5,401,569	3,414,632	1,986,938	58.19%
Large	40,724,396	20,680,925	20,043,471	96.92%	5,838,625	3,649,316	2,189,308	59.99%
Independent Power Producers	211,728	37,712	174,015	461.43%	29,180	5,941	23,239	391.15%
Private St. Lites	67,555	37,897	29,659	78.26%	9,430	6,644	2,786	41.94%
Sub-total	183,357,667	101,790,921	81,566,746	80.13%	26,871,352	18,727,619	8,143,733	43.49%
Government								
Small_Non Demand	3,539,401	1,237,321	2,302,079	186.05%	356,240	262,656	93,584	35.63%
Small-Demand	19,799,346	11,007,992	8,791,354	79.86%	2,734,991	1,902,260	832,731	43.78%
Large	10,238,058	4,808,182	5,429,876	112.93%	1,787,385	847,322	940,063	110.95%
Public St. Lites	958,064	526,463	431,601	81.98%	128,128	94,918	33,209	34.99%
Sub-total	34,534,869	17,579,959	16,954,910	96.44%	5,006,743	3,107,156	1,899,587	61.14%
Total-Civilian	217,892,536	119,370,880	98,521,656	82.53%	31,878,094	21,834,775	10,043,320	46.00%
USN	46,381,861	33,055,133	13,326,728	40.32%	5,894,993	5,598,173	296,819	5.30%
Grand Total	264,274,397	152,426,013	111,848,384	73.38%	37,773,087	27,432,948	10,340,139	37.69%
Grand Total								
Residential	119,682,001	85,890,488	33,791,513	39.34%	17,676,159	14,204,936	3,471,223	24.44%
Residential - Apt & Condo	1,623,516	1,132,823	490,693	43.32%	238,164	177,288	60,876	34.34%
Small General-Non-Demand	20,612,779	15,069,340	5,543,438	36.79%	2,682,063	2,532,492	149,571	5.91%
Small General-Demand	48,155,005	31,114,126	17,040,879	54.77%	7,332,836	5,144,015	2,188,822	42.55%
Large	54,136,665	33,899,164	20,237,501	59.70%	7,746,185	5,488,655	2,257,529	41.13%
Independent Power Producers	286,765	64,724	222,041	343.06%	39,591	9,350	30,241	323.45%
Private St. Lites	208,077	180,051	28,026	15.57%	29,323	27,080	2,243	8.28%
Sub-total	244,704,807	167,350,716	77,354,092	46.22%	35,744,321	27,583,815	8,160,507	29.58%
Government								
Small_Non Demand	5,180,974	2,356,601	2,824,373	119.85%	529,777	453,209	76,568	16.89%
Small-Demand	28,071,479	19,431,322	8,640,156	44.47%	3,871,569	3,103,444	768,125	24.75%
Large	14,084,333	8,110,496	5,973,837	73.66%	2,469,563	1,324,224	1,145,339	86.49%
Public St. Lites	3,414,594	2,874,131	540,462	18.80%	471,191	431,199	39,992	9.27%
Sub-total	50,751,380	32,772,550	17,978,829	54.86%	7,342,099	5,312,075	2,030,024	38.22%
Total-Civilian	295,456,187	200,123,266	95,332,921	47.64%	43,086,421	32,895,890	10,190,531	30.98%
USN	57,244,341	44,285,622	12,958,720	29.26%	7,377,927	7,172,981	204,946	2.86%
Grand Total	352,700,529	244,408,888	108,291,641	44.31%	50,464,347	40,068,870	10,395,477	25.94%

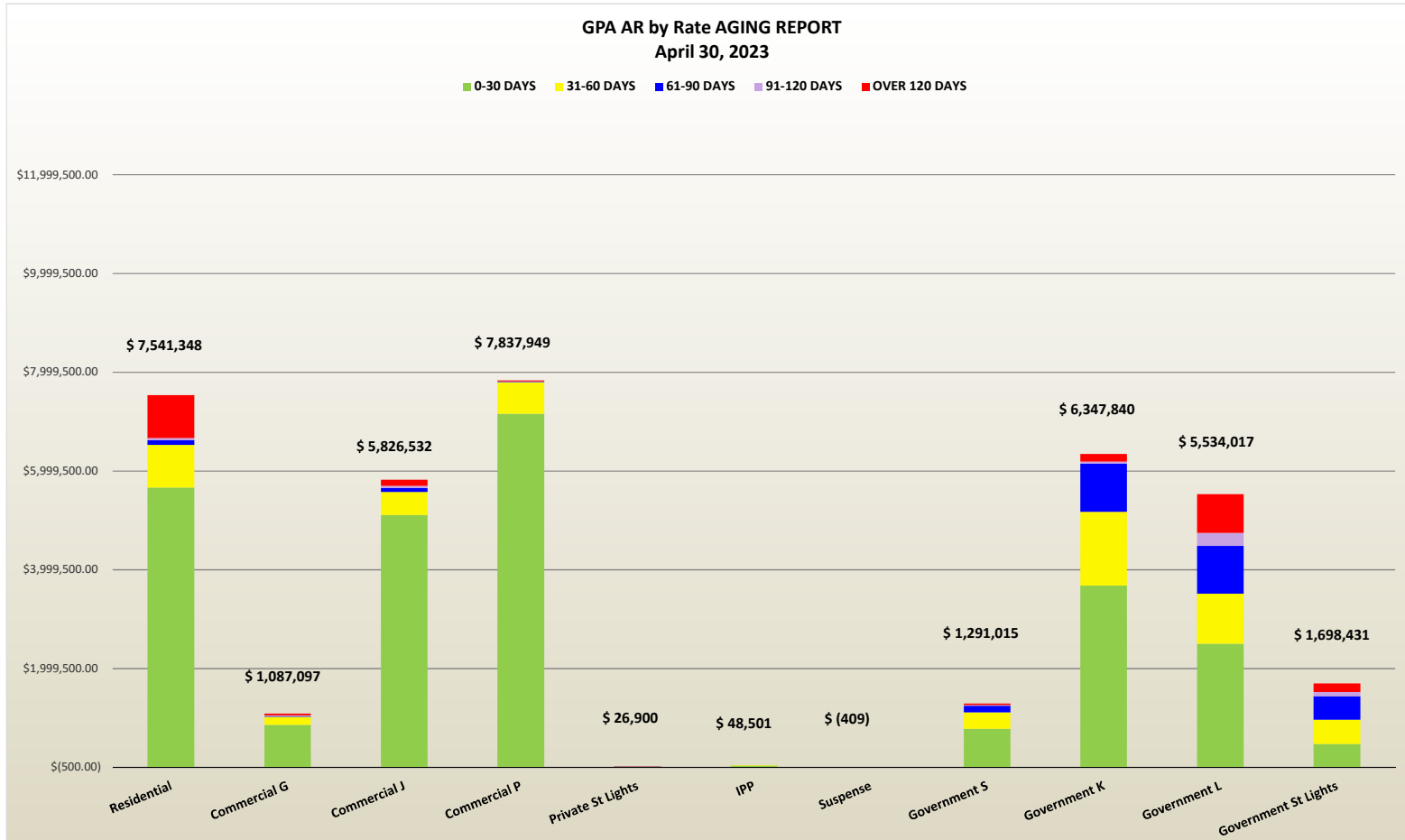






**GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 04.30.23-Moving 12 Months**





CCU Special Meeting, May 30, 2023 - GPA

ACCOUNTS RECEIVABLE BY RATE - ACTIVE
AR AGING REPORT
AS OF April 30, 2023

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential - R	\$ 6,514,493.21	5,454,871.80	865,108.17	97,095.41	44,091.68	53,326.15
1000.142000.11	Residential - PP	\$ 823,982.47	6,386.07	-	-	-	817,596.40
1000.142000.17	Residential - D	\$ 202,872.77	202,872.77				
1000.142000.12	Commercial G	\$ 1,087,097.02	862,307.34	162,195.47	17,378.52	11,214.73	34,000.96
1000.142000.13	Commercial J	\$ 5,826,531.76	5,111,195.71	468,662.15	73,911.86	50,863.26	121,898.78
1000.142000.14	Commercial P	\$ 7,837,949.20	7,160,824.81	636,128.29	9,770.85	10,550.88	20,674.37
1000.142000.15	Private St Lights	\$ 26,900.15	19,426.75	2,333.74	931.45	833.34	3,374.87
1000.142000.16	IPP	\$ 48,500.64	40,166.23	8,334.41			
1000.142000.98	Suspense	\$ (408.89)	(408.89)				
	TOTAL PRIVATE	\$ 22,367,918.33	\$ 18,857,642.59	\$ 2,142,762.23	\$ 199,088.09	\$ 117,553.89	\$ 1,050,871.53
1000.142000.19	Government S	\$ 1,291,015.23	\$ 782,993.98	\$ 332,606.01	\$ 130,525.09	\$ 17,941.46	\$ 26,948.69
1000.142000.20	Government K	\$ 6,347,840.31	\$ 3,677,270.94	\$ 1,497,139.89	\$ 971,886.90	\$ 49,275.96	\$ 152,266.62
1000.142000.21	Government L	\$ 5,535,016.51	\$ 2,504,035.27	\$ 1,013,555.35	\$ 966,139.23	\$ 265,834.74	\$ 785,451.92
1000.142000.22	Government St Lights	\$ 1,698,430.84	\$ 473,714.42	\$ 494,165.12	\$ 471,225.84	\$ 88,678.29	\$ 170,647.17
	TOTAL GOVERNMENT	\$ 14,872,302.89	\$ 7,438,014.61	\$ 3,337,466.37	\$ 2,539,777.06	\$ 421,730.45	\$ 1,135,314.40
	GRAND TOTAL	\$ 37,240,221.22	\$ 26,295,657.20	\$ 5,480,228.60	\$ 2,738,865.15	\$ 539,284.34	\$ 2,186,185.93
							\$ 34,514,750.95
	Total Residential	\$ 7,541,348.45	\$ 5,664,130.64	\$ 865,108.17	\$ 97,095.41	\$ 44,091.68	\$ 870,922.55

CCU Special Meeting, May 30, 2023 - GPA

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
 Billing up to APRIL 30, 2023 and payments as of 05/11/2023

Current (04/30/2023 Billing due 05/31/2023)
 31 days Arrears 03/31/2023 due 04/01/2023
 61 days and over Arrears (02/28/23 billing due 03/02/2023)

CC&B New Acct Numer	DEPARTMENT	BALANCE 03/31/2023	CANCEL/REBILL/ OTHER CHARGES 05/11/2023	BILLING 04/30/2023	PAYMENT UP TO 05/11/2023	BALANCE 04/30/2023	CC&B BALANCE 05/11/2023
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AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
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Line Agencies

3404311949	LINE AGENCIES	Guam Environmental Protect	18,612.24	-	10,091.13	(18,612.24)	10,091.13	10,091.13
4554808900	LINE AGENCIES	Nieves Flores Library	28,620.31	-	15,156.56	(28,620.31)	15,156.56	15,156.56
6069461950	LINE AGENCIES	Dept of Youth Affairs (Federal)	1,904.16	-	1,099.88	(1,904.16)	1,099.88	1,099.88
6293410000	LINE AGENCIES	Office of the Governor	69,632.34	-	37,401.89	(69,632.34)	37,401.89	37,401.89
6841080463	LINE AGENCIES	Guam Behavioral Health & Wellness	12,380.92	-	6,636.35	(12,380.92)	6,636.35	6,636.35
7928924534	LINE AGENCIES	Guam Visitors Bureau	7,830.81	-	7,512.64	(7,703.13)	7,640.32	7,640.32
8227759982	LINE AGENCIES	Mental Health/Subst.	160,232.50	-	82,952.05	(160,232.50)	82,952.05	82,952.05
7813165805	LINE AGENCIES	Pacific Energy Resource Center	667.67	-	674.51	-	1,342.18	1,342.18
2913461537	LINE AGENCIES	Dept of Youth Affair* (Local)	43,608.54	-	23,097.85	(43,608.54)	23,097.85	23,097.85
1073430238	LINE AGENCIES	Dept. of Corrections	224,079.68	-	118,289.61	(225,562.72)	342,369.29	116,806.57
3558733700	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village (NET	2,216.30	-	1,130.90	(2,216.30)	1,130.90	1,130.90
1099514147	LINE AGENCIES	Dept of Chamorro Affairs/Repository	753.42	-	556.65	(360.81)	949.26	949.26
9541109130	LINE AGENCIES	General Services Agency	972.90	-	319.59	(648.38)	644.11	644.11
7663706771	LINE AGENCIES	Yona Senior Citizen Center	2,224.77	-	1,159.19	(1,044.32)	2,339.64	2,339.64
8564647941	LINE AGENCIES	DOA Supply Mgmt (NET METERED)	4,568.76	-	2,746.99	(4,568.76)	2,746.99	2,746.99
0070861777	LINE AGENCIES	Veteran Affairs	8,077.82	-	4,264.48	(8,077.82)	4,264.48	4,264.48
5247210000	LINE AGENCIES	Mayors Council	22,607.02	-	4,683.34	(4,014.67)	23,275.69	23,275.69
8129948191	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village	8,641.52	-	4,260.85	(8,641.52)	4,260.85	4,260.85
4211873236	LINE AGENCIES	Dept. of Administration	35,857.21	-	18,365.46	(32,135.62)	22,087.05	22,087.05
1621790133	LINE AGENCIES	DOA-Data Processing	34,783.28	-	18,017.84	(34,783.28)	18,017.84	18,017.84
1595188609	LINE AGENCIES	Dept. of Agriculture	48,942.80	-	22,107.44	(12,172.25)	58,877.99	58,877.99
8300435373	LINE AGENCIES	Civil Defense (Military Affairs)	49,455.53	-	15,947.94	(32,612.15)	32,791.32	32,791.32
0453170939	LINE AGENCIES	Guam Fire Department	46,105.65	-	24,625.80	(46,105.65)	48,699.47	24,625.80
8555858369	LINE AGENCIES	Dept of Chamorro Affairs (Guam Museum)	76,391.71	-	41,357.88	(76,391.71)	41,357.88	41,357.88
1896187753	LINE AGENCIES	Dept. of PH&SS	119,987.79	-	60,862.35	(16,342.77)	164,507.37	164,507.37
0040515913	LINE AGENCIES	Dept. of Parks & Rec.	41,455.67	-	18,897.05	(41,455.67)	18,897.05	18,897.05
2555990089	LINE AGENCIES	DPW-FAC Adm Account	41,584.28	-	25,843.07	(40,073.67)	48,751.94	27,353.68
6504086567	LINE AGENCIES	DPW-FAC Adm Account (NET METERED)	29,554.27	-	14,635.18	(26,439.41)	31,556.40	17,750.04
7252821074	LINE AGENCIES	Dept. of Education	3,311,236.50	-	1,771,914.52	(5,083,151.02)	5,083,151.02	5,083,151.02
0266069082	LINE AGENCIES	Guam Police Department	133,153.50	(25.00)	73,861.55	(133,153.50)	73,861.55	73,836.55
	Sub-total		4,586,139.87	(25.00)	2,428,470.54	(1,089,495.12)	6,209,956.30	5,925,090.29

10,091.13	-	-	-	-	10,091.13
15,156.56	-	-	-	-	15,156.56
1,099.88	-	-	-	-	1,099.88
37,401.89	-	-	-	-	37,401.89
6,636.35	-	-	-	-	6,636.35
7,640.32	127.68	-	-	-	7,640.32
82,952.05	-	-	-	-	82,952.05
1,342.18	667.67	-	-	-	1,342.18
23,097.85	-	-	-	-	23,097.85
116,806.57	-	-	-	-	116,806.57
1,130.90	-	-	-	-	1,130.90
556.65	392.61	-	-	-	949.26
319.59	324.52	-	-	-	644.11
1,159.19	1,180.45	-	-	-	2,339.64
2,746.99	-	-	-	-	2,746.99
4,264.48	-	-	-	-	4,264.48
23,275.69	4,586.11	4,014.67	4,332.37	5,659.20	23,275.69
4,260.85	-	-	-	-	4,260.85
18,365.46	3,721.59	-	-	-	22,087.05
18,017.84	-	-	-	-	18,017.84
58,877.99	21,899.60	14,870.95	-	-	58,877.99
15,947.94	16,843.38	-	-	-	32,791.32
24,625.80	-	-	-	0.00	24,625.80
41,357.88	-	-	-	-	41,357.88
60,862.35	60,140.43	43,504.59	-	-	164,507.37
18,897.05	-	-	-	0.00	18,897.05
25,843.07	1,510.61	-	-	-	27,353.68
14,635.18	3,114.86	-	-	-	17,750.04
1,771,914.52	1,721,366.81	1,589,869.69	-	-	5,083,151.02
73,861.55	-	-	-	-	73,836.55
2,426,962.50	1,835,876.32	1,652,259.90	4,332.37	5,659.20	5,925,090.29

Mayors

6939530237	MAYORS	Hagatna Mayor	1,266.50	-	702.76	(583.86)	1,385.40	1,385.40
4469579998	MAYORS	Merizo Mayor	3,444.02	-	1,885.58	(1,599.73)	3,729.87	3,729.87
1880297633	MAYORS	Talofofo Mayor	4,719.04	200.00	2,100.73	(2,239.87)	4,579.90	4,779.90
0492246886	MAYORS	Asan/Maina/Adelup Mayor	4,012.03	-	2,433.13	(1,825.23)	4,619.93	4,619.93
3293808984	MAYORS	Piti Mayor	3,236.45	-	1,568.55	(1,527.90)	3,277.10	3,277.10
7202265287	MAYORS	Umatac Mayor	3,200.67	-	1,585.09	(1,348.75)	3,437.01	3,437.01
1837525565	MAYORS	Yona Mayor	7,778.03	-	4,045.33	(3,820.33)	8,003.03	8,003.03
5763167341	MAYORS	Barrigada Mayors Office	8,616.14	-	4,921.24	(3,803.16)	9,734.22	9,734.22
8715052935	MAYORS	Wongmang/Toto/Maite Mayor	3,027.68	-	1,795.49	(1,379.70)	3,443.47	3,443.47
7037924246	MAYORS	Yigo Mayor	10,849.15	-	4,905.39	(5,341.88)	10,412.66	10,412.66
8433959204	MAYORS	Sinajana Mayor	12,994.41	-	7,368.85	(6,003.39)	14,359.87	14,359.87
8472200165	MAYORS	Agana Hts. Mayor	9,679.49	72.25	5,207.92	(4,730.48)	10,156.93	10,229.18
3832327736	MAYORS	Santa Rita Mayor	10,446.85	-	5,613.94	(4,965.43)	11,095.36	11,095.36
3631627996	MAYORS	Mangilao Mayor	6,308.53	-	3,273.58	(3,046.62)	6,535.49	6,535.49
8041715847	MAYORS	Dededo Mayor	15,549.15	-	8,430.00	(7,353.14)	16,626.01	16,626.01
6957205325	MAYORS	Tamuning Mayor	16,163.31	-	8,372.41	(7,584.75)	16,950.97	16,950.97
6078244037	MAYORS	Inarajan Mayor	13,218.96	(6,747.55)	4,582.06	(1,774.47)	16,026.55	9,279.00
7247791682	MAYORS	Agat Mayor	7,406.41	125.00	4,447.05	(3,626.78)	8,226.68	8,351.68
9351070242	MAYORS	Ordoo/Chalan Pago Mayor	4,784.45	-	2,334.02	(1,927.74)	5,190.63	5,190.63
	Sub-total		146,701.17	(6,350.30)	75,573.12	(64,483.21)	157,791.08	151,440.78

702.76	682.64	-	-	-	1,385.40
1,885.58	1,844.29	-	-	-	3,729.87
2,100.73	2,679.17	-	-	-	4,779.90
2,433.13	2,186.80	-	-	-	4,619.93
1,568.55	1,708.55	-	-	-	3,277.10
1,585.09	1,851.92	-	-	-	3,437.01
4,045.33	3,957.70	-	-	-	8,003.03
4,921.24	4,812.98	-	-	-	9,734.22
1,795.49	1,647.98	-	-	-	3,443.47
4,905.39	5,507.27	-	-	-	10,412.66
7,368.85	6,991.02	-	-	-	14,359.87
5,280.17	4,949.01	-	-	-	10,229.18
5,613.94	5,481.42	-	-	-	11,095.36
3,273.58	3,261.91	-	-	-	6,535.49
8,430.00	8,196.01	-	-	-	16,626.01
8,372.41	8,578.56	-	-	-	16,950.97
(2,165.49)	4,782.86	4,398.58	2,263.05	-	9,279.00
4,447.05	3,904.63	-	0.00	-	8,351.68
2,334.02	2,262.80	593.81	-	-	5,190.63
68,897.82	75,287.52	4,992.39	2,263.05	-	151,440.78

DPW Accounts

8832698062	DPW ACCOUNTS	DPW-Signal Lights	25,920.18	-	12,931.18	(125,920.18)	26,304.05	12,931.18
8939595866	DPW ACCOUNTS	DPW-Primary St. Lights	546,238.55	5,770.47	87,448.90	(179,105.68)	547,576.41	461,442.23
8045433600	DPW ACCOUNTS	DPW-Village St. Lights	1,114,982.49	30,693.58	367,756.84	(755,088.32)	1,112,319.28	758,344.59
8088040552	DPW ACCOUNTS	DPW-Sec/Coil St. Lights	94,921.13	-	11,645.25	(54,850.28)	74,585.62	51,716.10
	Sub-total		1,782,152.35	36,464.05	479,782.17	(1,013,964.47)	1,760,781.59	1,284,434.10

12,931.18	-	-	-	-	12,931.18
88,975.98	96,185.99	91,064.26	90,468.89	94,747.11	461,442.23
376,705.33	381,639.26	-	-	-	758,344.59
11,645.25	22,869.52	17,201.33	-	-	51,716.10
490,257.74	500,694.77	108,265.59	90,468.89	94,747.11	1,284,434.10

Autonomous/Public Corp

0838495949	AUTONOMOUS/P	Guam Waterworks Authority	4,442,439.03	75.00	2,223,384.94	(4,442,439.03)	2,223,384.94	2,223,459.94
1540692986	AUTONOMOUS/P	Retirement Fund	8,851.27	-	8,862.81	(8,851.27)	8,862.81	8,862.81
4075914809	AUTONOMOUS/P	GPA	-	(140,639.14)	140,639.14	-	-	-
5357510000	AUTONOMOUS/P	University of Guam (NET METERED)	119,583.25	-	115,232.16	(119,583.25)	234,815.41	115,232.16
6518220019	AUTONOMOUS/P	Guam Community College	64,376.75	-	62,909.62	(64,376.75)	62,909.62	62,909.62
7736362694	AUTONOMOUS/P	Guam Airport Authority	824,255.91	-	848,410.82	(824,255.91)	848,410.82	848,410.82
8302337726	AUTONOMOUS/P	Guam Memorial Hospital	347,232.78	316.40	49,199.91	(99,709.67)	347,138.16	297,039.42

2,223,459.94	-	-	-	-	2,223,459.94
8,862.81	-	-	-	-	8,862.81
-	-	-	-	-	-
115,232.16	-	-	-	-	115,232.16
62,909.62	-	-	-	-	62,909.62
848,410.82	-	-	-	-	848,410.82
49,199.91	51,536.56	44,596.54	49,425.71	102,280.70	297,039.42

CCU Special Meeting, May 30, 2023 - GPA

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
 Billing up to APRIL 30, 2023 and payments as of 05/11/2023

Current (04/30/2023 Billing due 05/31/2023)
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CC&B New Acct Number	DEPARTMENT	BALANCE 03/31/2023	CANCEL/REBILL/ OTHER CHARGES 05/11/2023	BILLING 04/30/2023	PAYMENT UP TO 05/11/2023	BALANCE 04/30/2023	CC&B BALANCE 05/11/2023
8426836906	AUTONOMOUS/P/Guam Memorial Hospital (NET METERED)	1,819,904.50	-	257,546.63	(509,793.16)	1,816,582.28	1,567,657.97
9157510000	AUTONOMOUS/P/Guam Community College (NET METERED)	60,822.63	-	60,454.49	(60,822.63)	60,454.49	60,454.49
0563872892	AUTONOMOUS/P/Guam Housing Corp Rental Division	1,639.93	-	2,175.54	(1,639.93)	2,175.54	2,175.54
9173210000	AUTONOMOUS/P/Guam Solid Waste Authority	18,060.84	-	9,184.01	(8,859.82)	18,385.03	18,385.03
5434075703	AUTONOMOUS/P/University of Guam	282,499.34	(0.03)	282,004.31	(282,499.31)	564,503.62	282,004.31
1699407298	AUTONOMOUS/P/G H U R A	39,696.93	(1,627.92)	39,674.29	(38,698.76)	40,042.71	39,044.54
8474308144	AUTONOMOUS/P/Port Authority of Guam	146,859.60	-	144,140.22	(146,859.60)	144,140.22	144,140.22
Sub-total		8,176,222.76	(141,875.69)	4,243,818.89	(6,608,389.09)	6,371,805.65	5,669,776.87
Others							
3209463043	OTHERS Dept. of Military Affairs (NET METERED)	141,096.68	-	67,687.24	(141,096.68)	67,687.24	67,687.24
4530787043	OTHERS U.S. Post Office	65,584.22	-	63,786.29	(65,584.22)	63,786.29	63,786.29
6000770566	OTHERS KGTF	18,302.04	-	10,630.91	(18,302.04)	28,932.95	10,630.91
6602566745	OTHERS Tamuning Post Office	6,649.95	-	7,461.57	(6,649.95)	7,461.57	7,461.57
7541928173	OTHERS Guam Legislature	337.85	-	389.86	(337.85)	389.86	389.86
8108458168	OTHERS Guam Post Office (Agana)	9,659.52	-	5,363.60	(9,659.52)	5,363.60	5,363.60
8353274954	OTHERS Superior Court of Guam	88,572.55	-	90,372.56	(88,572.55)	90,372.56	90,372.56
8607446612	OTHERS Dept. of Military Affairs	160,759.20	-	88,249.37	(160,759.20)	88,249.37	88,249.37
8972267005	OTHERS Customs & Quarantine Agency	2,657.20	-	1,140.18	(1,997.59)	3,797.38	1,799.79
9503154359	OTHERS Guam Legislature (NET METERED)	16,066.99	-	15,927.45	(16,066.99)	15,927.45	15,927.45
Sub-total		509,686.20	-	351,009.03	(509,026.59)	371,968.27	351,668.64
Grand Total		15,200,902.35	(111,786.94)	7,578,653.75	(9,285,358.48)	14,872,302.89	13,382,410.68

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
257,546.63	267,159.04	240,589.95	265,834.74	536,527.61	1,567,657.97
60,454.49	-	-	-	-	60,454.49
2,175.54	-	-	-	-	2,175.54
9,184.01	9,201.02	-	-	-	18,385.03
282,004.31	-	-	-	-	282,004.31
39,044.54	-	-	-	-	39,044.54
144,140.22	-	-	-	-	144,140.22
4,102,625.00	327,896.62	285,186.49	315,260.45	638,808.31	5,669,776.87
67,687.24	-	-	-	-	67,687.24
63,786.29	-	-	-	-	63,786.29
10,630.91	-	-	-	-	10,630.91
7,461.57	-	-	-	-	7,461.57
389.86	-	-	-	-	389.86
5,363.60	-	-	-	-	5,363.60
90,372.56	-	-	-	-	90,372.56
88,249.37	-	-	-	-	88,249.37
1,140.18	659.61	-	-	-	1,799.79
15,927.45	-	-	-	-	15,927.45
351,009.03	659.61	-	-	-	351,668.64
7,439,752.09	2,740,414.84	2,050,704.37	412,324.76	739,214.62	13,382,410.68



GUAM WATERWORKS AUTHORITY

“Better Water, Better Lives.”

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

Tel: (671) 300-6846/7

Issues for Decision

GWA Resolution 31-FY2023 and GPA Resolution FY2023-20

Relative to Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and the Guam Waterworks Authority

What is the projects’ objective and is it necessary and urgent?

To secure the approval of the CCU for GPA and GWA to jointly solicit and invite proposals, through a competitive RFP, for temporary legal services to become the CCU, GPA, and GWA alternate, interim, and/or conflicts Counsel.

The scope of services shall include:

1. Perform legal research and prepare opinions, resolutions, and/or reports at the request of the CCU or the GPA or GWA GM's.
2. Advise the CCU, GPA and/or GWA from time to time on the laws of Guam and Guam Administrative Rules and Regulations and all laws and rules and regulations as they pertain to the business and affairs of the CCU, and GPA or GWA
3. Represent the CCU, GPA and/or GWA in connection with legal matters before the Legislature, Commission, Boards, and other agencies of the Territory of Guam
4. Represent the CCU, GPA and/or GWA in litigation concerning the affairs of the CCU, GPA and/or GWA;
5. Review or prepare contracts, leases, bid invitations, deeds, and other documents as may be requested from time to time by the CCU, GPA and/or GWA
6. Provide legal assistance and advice during any negotiations including but not limited to contractors and other business activities concerning the affairs of the CCU, GPA and/or GWA;
7. Perform any special legal service as requested by the CCU;

The RFP is urgent as the existing legal professional service agreement with Law Office of Vincent Leon Guerrero expired May 17, 2023.

Where is the project located?

The jurisdiction for the scope of services is for Guam.

How much will it cost?

TBD based on price proposals received; however, the average hourly cost for legal services can range from \$250 per hour up to \$400-\$450 per hour.

The most recent legal services contract was negotiated at \$250 per hour; and, the specific amounts billed over the last five-year period include:

\$0	2018
\$37,031	2019
\$248,050	2020
\$75,162	2021
\$730,237	2022
\$172,660	2023

GWA Res. 31-FY2023 and GPA Res. FY2023-20

Relative to Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and the Guam Waterworks Authority

Page 2

When will it be completed?

The procurement is expected to be advertised in June and completed in July or August.

What is the funding source?

GPA and GWA revenues.



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

GWA RESOLUTION NO. 31-FY2023
GPA RESOLUTION NO. FY2023-20

RELATIVE TO APPROVING THE PROCUREMENT OF CONFLICT(S) AND ASSISTANT LEGAL COUNSEL(S) FOR THE CCU, GUAM POWER AUTHORITY AND THE GUAM WATER AUTHORITY

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 Power Authority ("GPA") and the Guam Waterworks Authority ("GWA"); and

WHEREAS, the GPA and GWA (both hereinafter referred to as "GPWA") are Guam Public Corporations established and existing under the laws of Guam; and

WHEREAS, pursuant to the enabling laws of GPA at 12 G.C.A §8112 (a) and (d) and GWA at 12 G.C.A. §14109 (a) and (c) the CCU has broad authority to hire and appoint an attorney and any assistants who shall serve at the pleasure of the Board and who shall advise the Board and the General Manager's of the respective utilities on all legal matters to which the utilities are a party or are legally interested; and

WHEREAS, the use of the word "appoint" provides the CCU authority to choose a legal counsel based on any criteria established by the Board; and

WHEREAS, the CCU has a longstanding policy of receiving the majority of its legal services through the use of in-house attorneys, however, the CCU has found that from time-to-time in order to accommodate vacations, deployments, conflicts of interest, increased workloads, and specialized practices it has become necessary to retain an alternate attorney to serve as an alternate, interim, or conflicts Counsel; and

//

1 **WHEREAS**, notwithstanding the Authority of the CCU to “appoint” a counsel and any
2 assistants, the CCU has chosen to select its alternate, interim, or conflicts Counsel through a
3 competitive procurement process which maximizes competition in the selection process; and
4

5 **WHEREAS**, the most recent professional services agreement with Law Office of
6 Vincent Leon Guerrero expired May 17, 2023, and both GPA and GWA intend to issue a joint
7 Request for Proposals, on behalf of the CCU, to contract an alternate, interim, and conflicts
8 Counsel pursuant to the Guam Procurement Regulations as soon as is practicable; and
9

10 **WHEREAS**, the Request for Proposals shall solicit and invite proposals for temporary
11 legal services from individual attorneys and firms to become the CCU’s and the GPA and
12 GWA’s alternate, interim, and/or conflicts Counsel; and
13

14 **WHEREAS**, the RFP shall include the intent of the CCU, GPA, and GWA to contract its
15 alternate, interim, and/or conflicts Counsel(s) for a three-year term with two one-year options to
16 extend; and
17

18 **WHEREAS**, both the procurement and the contract of the CCU’s alternate, interim, and
19 conflicts counsel shall be reviewed by the Office of the Attorney General pursuant to 5 G.C.A.
20 §5150, if applicable, and 5 G.C.A. §5121 (b) and *GIAA v. Moylan*, 2005 Guam 5, requiring that
21 no contract for the services of legal counsel shall be executed without the approval of the
22 Attorney General “as to legality and form”; and
23

24 **NOW THEREFORE BE IT RESOLVED**; by the Consolidated Commission on
25 Utilities, it does hereby approve and authorize the following:

- 26 1. The General Managers of the Guam Power Authority and the Guam Waterworks
27 Authority are hereby authorized to issue an RFP for professional legal services for
28 the CCU, GWA, and GPA to serve in the capacity as alternate, interim, and/or
29 conflicts Counsel.
- 30 2. The proposed contract resulting from the RFP requires compliance with all Guam
31 Procurement Laws and final CCU approval.

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

DULY AND REGULARLY ADOPTED, this 30th day of May, 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS

PEDRO ROY MARTINEZ

Chairperson

Secretary

SECRETARY’S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

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Financial Statement Overview April 2023

Key Financial Indicators

Indicator	Target	Feb 2023	Mar 2023	Apr 2023
DSC YTD				
• Per Section 6.12 of Indenture	1.25	1.30	1.30	1.35
• Per PUC / CCU	1.30	1.30	1.30	1.35
Days – Cash on Hand*	120 days	310 days	306 days	308 days
Collection Ratio				
• Month to Date	99%	91%	100%	114%
• Year to Date	99%	94%	95%	98%
Days Billed	30 days	28 days	30 days	29 days
Account Receivable Days	30 days	38 days	36 days	34 days
Account Payable Days	45 days	34 days	30 days	31 days
Employee Count	400 FTE	354 FTE	349 FTE	351 FTE
Water Demand				
• Month to Date	440,748	417,025	433,888	404,354
• Year to Date	3,085,234	2,148,714	2,582,602	2,986,955
Wastewater Flow				
• Month to Date	318,166	303,531	395,795	300,408
• Year to Date	2,227,164	1,517,492	1,913,287	2,213,696
Water Customers	43,658	43,489	43,641	43,596
Wastewater Customers	30,781	30,616	30,638	30,831

Water and Wastewater Consumption

Water consumption is 6% less and wastewater flow is 2% less for the month of April compared to last year. Water consumption in the Commercial 2 and 3, Hotel and GovGuam customer classes increased but not enough to offset reductions in Commercial 1, Agricultural, and Residential consumption. Wastewater flows also decreased in Commercial 1, Commercial 3 and GovGuam customer classes. Note that billing days in April this year were 29 days compared to last year's 30 days.

Year to Date (YTD) water demand is down 3% while wastewater flows are down 1% as compared to last year. Increases in the Commercial, Hotel and GovGuam customer classes were not sufficient to offset decreases in the Residential and Agricultural customer classes. Wastewater flows decreased in Commercial 1 and Residential customer classes. Note that the number of YTD billing days through April 2023 of 207 days is 4 days less than the prior year's 211 days. See Schedule K for Water Demand for FY2015 to FY2023.

YTD average daily water consumption for April 2023 of 14,430 kgals is 1% less April 2022's 14,531 kgals. Increases in the Commercial, Hotel, and GovGuam customer classes were not enough to offset decreases in Agricultural and Residential average daily water consumption.

Balance Sheet (Schedule A)

- Total Assets & Deferred Outflows of Resources of \$1.22B in September 2022 increased by \$9.0M or 1% to \$1.23B in April 2023. Current Assets increased by \$14.2M primarily due to increases in cash which



includes American Rescue Plan Act (ARPA) funding from the Governor’s Office. Property, Plant and Equipment decreased by \$376.0K. Other Noncurrent Assets decreased by \$3.6 million due to decreases in Restricted Cash used to make payments to contractors and for debt service.

- Liabilities & Deferred Inflow of Resources of \$894.7M in September 2022 decreased by \$977.0K or less than 1% to \$893.8M in April 2023 primarily due to decreases in Contractors’ Payable offset by increases in Accrued and Other Liabilities for deferred revenues related to the ARPA grants.
- Accounts Receivable days in April 2023 were 34 days, compared to 36 days in March 2023. Accounts Payable days were 31 days in April 2023 and 30 days in March 2023. Schedule I presents Accounts Receivable Aging by Customer Class and Schedule H contains a breakdown of Government Receivables. Schedule J reports Accounts Payable Aging.

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

- Total Operating Revenues for April 2023 of \$8.8M is \$256.1K less than the budget of \$9.0M. April 2023 Total Operating Revenues are 5% or \$419.8K more than April 2022’s \$8.4M.
- Total YTD Operating Revenues as of April 2023 of \$64.1M were \$545.7K more than the budget of \$63.6M. Total YTD Operating Revenues as of April 2023 were 8% or \$4.9M more than YTD Operating Revenues of April 2022 of \$59.2M. Note that a rate increase of 5.5% was effective in October 2022.
- Below are the percentages of operating revenues (water and wastewater) contributed by GWA’s customer classes for YTD FY2023 and FY2022 as well as the revenue totals:

Customer Class	FY2023		FY2022	
o Residential	\$27,093,094	43.19%	\$27,910,857	47.70%
o Commercial	13,725,239	21.88%	12,600,062	21.54%
o Hotel	9,792,095	15.61%	7,053,395	12.06%
o Government of Guam	7,731,533	12.33%	6,869,917	11.74%
o Federal Government	4,119,816	6.57%	3,745,936	6.40%
o Agriculture, Golf Course, Irrigation	266,671	.43%	327,728	.56%
TOTALS	\$62,728,448	100.00%	\$58,507,906	100.00%

- Total Operating Expenses for April 2023 of \$8.5M were \$441.5K or 5% less than budget of \$9.0M. April 2023. Total Operating Expenses were 13% or \$986.1K more than April 2022’s \$7.5M. The largest increase month over month was in power which increased by 43% or \$673.2K. Additionally, Net Salaries and Benefits were \$165.0K, Contractual Services were \$158.4K and Insurance was \$67.99K more in April 2023 compared to April 2022.
- YTD Operating Expenses as of April 2023 of \$61.5M were \$1.3M or 2% more than budget of \$62.7M. YTD Operating Expenses as of April 2023 were 17% or \$8.9M more than YTD Operating Expenses as of April 2022’s \$52.6M. The largest increase year over year was due to power purchases which were \$6.5M more or 69% of the increase.
- Earnings from Operations for April 2023 of \$305.1K were 155% or \$185.4K more than the budget of \$119.7K and 65% or \$566.3K less than April 2022’s \$871.4K. Change in Net Assets for April 2023 of \$2.5M was 133% or \$1.4M more than the \$1.1M budget and \$1.1M more than April 2022’s \$1.5M. The increase in the Change in Net Assets year over year was mostly due to the increase in interest income



and the \$1.8M increase in the use of ARPA funds offset by a reduction in Federal Grant Contributions of 1.2M.

- YTD Earnings from Operations as of April 2023 of \$2.7M were 217% or \$1.8M more than the budget of \$837.7K and 60% or \$3.9M less than April 2022 YTD's of \$6.6M. YTD Change in Net Assets as of April of \$9.97M was 32% or \$2.4M more than the \$7.5M budget and \$436.6K or 5% more than YTD Change in Net Assets at April 2022's \$9.5M due to reductions in Federal Grant Contributions offset by increases in interest income and ARPA contributions.

Cash Flow (Schedule F)

- As of April 2023, cash flows from operating activities were \$32.1M, cash from noncapital financing activities was \$8.8M, cash used in capital and financing activities was \$32.8M, and cash from investing activities was \$8.1M resulting in a YTD increase in cash of \$16.2M. Days Cash on Hand for April 2023 was calculated at 308 days compared to March 2023's 306 days. Schedule G contains a schedule of restricted and unrestricted cash and investments.

Customer Payments

While only 7% of payments are made in cash, more than a third of payments continue to be made in person. Cashier operations have returned back to pre-pandemic conditions in Upper Tumon; the drive through continues to remain open.

On April 28, 2020, CCU Resolution 24-FY2020 granted the lifting of credit card limits on payments for non-residential accounts. In FY2023 (October through April), approximately 46% of payments were made with credit cards. Below is a summary of non-residential credit card payments and related fees.

Month	Customer Count	Amount Paid	Fees	% Of Fees to Payments
May - September 2020	140	\$241,335	\$4,952	2.05%
October 2020-September 2021	526	\$1,119,286	\$22,505	2.01%
October - December 2021	160	\$649,270	\$13,055	2.01%
January - March 2022	177	\$753,282	\$15,146	2.01%
April - June 2022	186	\$766,544	\$15,412	2.01%
July - September 2022	215	\$907,873	\$17,976	1.98%
October-December 2022	203	\$878,486	\$16,756	1.91%
January - March 2023	212	\$894,615	\$17,063	1.91%
April	62	\$264,882	\$5,052	1.91%

Credit card payments at GPWA offices use the FHB facility while BOH processes online payments. An RFP for merchant services should be issued in the upcoming months.

Since the suspension of disconnections for nonpayment was lifted, the Upper Tumon office has been open for payments on Saturdays. For the five Saturdays in April, 587 payments totaling \$83,678 were made towards GWA billings and 609 payments totaling \$216,902 were made for GPA.

For the month of April, Finance posted \$104,821 in utility payments from the Department of Administration (DOA) for eligible renters as part of the Guam Emergency Rental Assistance Program (GERAP). Additionally, GWA posted \$31,168 from eligible homeowners as part of the Guam Homeowners Assistance Fund (GHAF).



A total of \$6,820 from the Guam Low Income Household Water Assistance Program was also received and posted for utility payments.

Guam Solid Waste (GSW) Customer Payments

GPWA began to accept GSW payments on June 6, 2022. For the month of April, GWA accepted \$62,824 in GSW payments at the Upper Tumon Office. GWA will bill \$1,052 to GSW for processing fees.

FY2022 Financial Audit / OPA Audit

The auditors have communicated that the audit will be delayed beyond the March 31st deadline because the analysis of the OPEB (Other Post Employment Benefits) report has yet to be completed. Ernst & Young is currently projecting that GWA will receive the final financial statement as soon as the OPEB review is complete.

The Office of Public Accountability is conducting a GovGuam wide audit on credit card usage to determine if purchases were conducted within applicable laws, rules, regulations, policies, and standard operating procedures. Supporting documents as requested have been provided and an initial meeting was held with the auditors on April 6, 2023. The draft report for both GWA and GPA was issued on May 17, 2023 and each agency will provide responses to OPA by May 31, 2023.

GWA Budgets

The FY2023 true-up which includes proposed rate increase for FY2024 is due on June 1. The FY2023 true-up and the FY2024 budget and proposed rate increase is submitted for CCU consideration and approval at the May meeting.

The proposed rate design included in the Comprehensive Review and Update was submitted to the PUC on April 3, 2023, for approval. The PUC had deferred consideration of the proposed rate design in its September 2022 order. GWA has requested that the new rate design be used for the next five-year financial plan. For residential customers, the rate design proposes rates based on three tiers of water consumption instead of the existing two tiers and includes volumetric wastewater rates as opposed to the flat rate currently charged.

Work on the next five-year financial plan, FY2025-FY2029, has already started with the collection of FY2025 projected expenditures and the ongoing update of the Water Resources Master Plan. The five-year financial plan will be submitted in 2024.

GVB Visitor Arrivals

Visitor Arrivals for March 2023 increased 597.8% over March 2022, from 9,401 to 65,599 and is 45% of March 2019 arrivals. Fifty-five percent of arrivals were from Korea, 14% originated from the United States, and 18% were from Japan. Calendar year arrivals were up 598.5% from 25,557 to 178,517 and fiscal year arrivals were up 525.3%. from 50,352 to 314,843. First time visitors were 49.4% of the mix and 35.1% were repeat visitors.

Japan plans to declassify COVID-19 to a regular flu on May 8, 2023. Additionally, as of May 12, 2023, the US Government will not require proof of COVID vaccination from foreign visitors. GVB believes this will be a huge turning point for Guam's tourism recovery. Golden week in 2023 is May 3-5.

**GUAM WATERWORKS AUTHORITY
April 30, 2023
FINANCIAL AND RELATED REPORTS
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GUAM WATERWORKS AUTHORITY
Balance Sheet
April 30, 2023

SCHEDULE A

ASSETS AND DEFERRED OUTFLOWS of RESOURCES	Unaudited April 30, 2023	Unaudited September 30, 2022	Increase (Decrease)
Current Assets			
Cash			
Unrestricted (Schedule G)	49,420,746	33,173,824	16,246,922
Restricted Funds (Schedule G)	37,008,121	35,637,985	1,370,136
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of \$11,054,852 at Apr 30, 2023 and \$9,753,074 at Sept 30, 2022	9,899,413	10,453,822	(554,409)
Federal Receivable	389,255	5,468,327	(5,079,072)
Other Receivable	4,209,064	2,752,585	1,456,479
Prepaid Expenses	1,601,390	1,733,017	(131,627)
Materials & Supplies Inventory, Net of Allowance for Obsolescence of \$122,856 at Apr 30, 2023 and \$122,856 at Sept 30, 2022	5,557,549	4,667,734	889,816
Total Current Assets	108,085,539	93,887,295	14,198,244
Property, Plant and Equipment			
Utility plant in service			
Water system	427,445,064	420,470,606	6,974,458
Wastewater system	665,923,691	576,276,943	89,646,748
Non-utility property	33,463,194	33,353,690	109,505
Intangible Lease Asset	952,625	952,625	-
Total property	1,127,784,574	1,031,053,863	96,730,712
Less: Accumulated Depreciation	(411,636,766)	(395,119,979)	(16,516,787)
Land	5,887,303	5,287,305	599,998
Construction Work in Progress	92,086,307	173,276,251	(81,189,944)
Property, Plant and Equipment, net	814,121,418	814,497,440	(376,022)
Noncurrent assets			
Restricted cash (Schedule G)	152,243,501	164,999,269	(12,755,768)
Investments (Schedule G)	78,518,183	69,404,193	9,113,991
Total other noncurrent assets and deferred charges	230,761,684	234,403,462	(3,641,777)
Total Assets	1,152,968,642	1,142,788,197	10,180,445
Deferred outflows of resources			
Regulatory assets	2,622,499	2,614,722	7,777
Debt defeasance due to bond refunding	28,036,710	29,229,855	(1,193,145)
Deferred outflows from pension	8,403,180	8,403,180	-
Deferred outflows from OPEB	36,260,991	36,260,991	-
Total Assets and Deferred Outflows of Resources	1,228,292,022	1,219,296,944	8,995,077
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
Current Liabilities			
Current maturities of long-term debt			
Series 2013 Revenue Bond	3,145,000	3,145,000	-
Series 2014 Refunding Bond	4,005,000	4,005,000	-
Series 2016 Revenue Bond	835,000	835,000	-
Series 2017 Refunding Bond	2,250,000	2,250,000	-
Lease Liability	234,824	234,824	-
Accounts Payable -Trade	4,204,237	4,328,204	(123,968)
Accrued and Other Liabilities	18,328,059	2,597,735	15,730,324
Interest Payable	9,600,559	7,200,420	2,400,140
Accrued Payroll and Employee Benefits	1,392,042	1,118,809	273,232
Current portion of employee annual leave	725,007	725,007	-
Contractors' Payable	4,824,604	23,351,921	(18,527,318)
Customer and Other Deposits	2,399,762	2,275,313	124,449
Total Current Liabilities	51,944,094	52,067,234	(123,140)
Long Term Debt, less current maturities			
Series 2013 Revenue Bond	18,365,000	18,365,000	-
Series 2014 Refunding Bond	60,050,000	60,050,000	-
Series 2016 Revenue Bond	134,140,000	134,140,000	-
Series 2017 Refunding Bond	100,930,000	100,930,000	-
Series 2020A Revenue Bond	134,000,000	134,000,000	-
Series 2020B Refunding Bond	166,075,000	166,075,000	-
Unamortized Bond Premium/Discount	37,908,551	38,778,147	(869,596)
Lease Liability LT	300,279	300,279	-
Net pension liability	46,283,747	46,283,747	-
Net OPEB obligation	109,298,971	109,298,971	-
Employee Annual Leave, Less Current Portion	995,913	995,913	-
Employee Sick Leave	1,376,504	1,376,504	-
Total Liabilities	861,668,058	862,660,795	(992,736)
Deferred inflows of resources:			
Contribution in Aid of Construction	654,587	638,875	15,712
Deferred inflows from pension	5,023,381	5,023,381	-
Deferred inflows from OPEB	26,413,809	26,413,809	-
Total Liabilities and Deferred Inflows of Resources	893,759,835	894,736,860	(977,025)
Net Assets	334,532,187	324,560,084	9,972,102
Total Liabilities, Deferred Inflows of Resources and Net Assets	1,228,292,022	1,219,296,944	8,995,077

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending April 30, 2023

SCHEDULE B

	Month to Date		Variance Favorable / (Unfavorable)
	Actual (Unaudited) April-23	Budget* April-23	
OPERATING REVENUES			
Water Revenues	5,273,673	5,703,534	(429,861)
Wastewater Revenues	2,927,764	2,939,479	(11,716)
Legislative Surcharge	244,335	258,781	(14,446)
Other Revenues	38,154	39,245	(1,091)
System Development Charge	341,583	140,572	201,011
Total Operating Revenues	8,825,508	9,081,611	(256,103)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	473,093	531,588	58,495
Power Purchases	2,223,291	2,322,592	99,302
Total Utility Costs	<u>2,696,384</u>	<u>2,854,180</u>	<u>157,797</u>
Salaries and Wages	1,521,354	1,561,128	39,773
Pension and Benefits	593,200	595,089	1,889
Total Salaries and Benefits	<u>2,114,554</u>	<u>2,156,216</u>	<u>41,662</u>
Capitalized Labor and Benefits	(320,581)	(189,453)	131,127
Net Salaries and Benefits	<u>1,793,973</u>	<u>1,966,763</u>	<u>172,790</u>
Administrative and General Expenses			
Sludge removal	62,779	59,582	(3,196)
Chemicals	116,193	149,109	32,916
Materials & Supplies	95,724	147,329	51,605
Transportation	55,416	58,457	3,041
Communications	13,027	14,636	1,609
Claims	588	5,204	4,616
Insurance	147,927	147,927	0
Training & Travel	3,349	12,233	8,884
Advertising	15,658	9,981	(5,677)
Miscellaneous	112,344	123,179	10,835
Regulatory Expense	12,942	37,297	24,355
Bad Debts Provision	168,915	176,568	7,653
Total Administrative and General Expense	<u>804,862</u>	<u>941,502</u>	<u>136,640</u>
Depreciation Expense	<u>2,418,760</u>	<u>2,394,755</u>	<u>(24,005)</u>
Contractual Expense			
Audit & Computer Maintenance	177,283	178,657	1,374
Building rental	48,327	48,263	(63)
Equipment rental	48,773	38,782	(9,991)
Legal	114,414	52,738	(61,676)
Laboratory	2,017	39,654	37,637
Other	117,268	133,678	16,410
Total Contractual Expense	<u>508,083</u>	<u>491,773</u>	<u>(16,310)</u>
Retiree Supp. Annuities and health care costs	242,287	256,868	14,581
Contribution to Government of Guam	56,100	56,100	-
Total Retiree Benefits	<u>298,387</u>	<u>312,968</u>	<u>14,581</u>
Total Operating Expenses	<u>8,520,448</u>	<u>8,961,941</u>	<u>441,493</u>
Earnings (Loss) from Operations	<u>305,060</u>	<u>119,670</u>	<u>185,390</u>
Interest Income - 2010/13/14/16/17/20 Series Bond	881,995	647,004	234,991
Interest Income - Other Funds	125,781	89,327	36,454
Interest Income - SDC	9,301	873	8,428
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,400,140)	(2,400,140)	-
Interest Expense - Leases	-	-	-
Contributions from Local Government	1,800,000	1,033,333	766,667
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	(56,499)	56,499
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Costs	124,228	124,228	-
Defeasance due to bond refunding	(170,449)	(170,449)	-
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(16,741)	(7,229)	(9,512)
Total non-operating revenues (expenses)	<u>353,976</u>	<u>(739,552)</u>	<u>1,093,528</u>
Net Income (Loss) before capital contributions	<u>659,036</u>	<u>(619,882)</u>	<u>1,278,917</u>
Capital Contributions			
Grants from US Government	1,851,839	1,686,437	165,402
Grants from GovGuam & Others	-	8,937	(8,937)
Total Capital Contributions	<u>1,851,839</u>	<u>1,695,374</u>	<u>156,465</u>
Change in Net Assets	<u>2,510,874</u>	<u>1,075,492</u>	<u>1,435,382</u>
Debt Service Calculation			
Earnings From Operations	305,060	119,670	
System Development Charge	(341,583)	(140,572)	
Retiree COLA	56,100	56,100	
Interest/Investment Income	125,781	89,327	
Depreciation	2,418,760	2,394,755	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	675,000	
ARPA Grant	1,800,000	1,033,333	
Balance Available for Debt Service per Section 6.12	<u>4,364,119</u>	<u>4,227,613</u>	
Debt Service			
Principal	852,917	852,917	
Interest	2,400,140	2,400,140	
Total	<u>3,253,056</u>	<u>3,253,056</u>	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	<u>1.34</u>	<u>1.30</u>	
Debt Service Coverage (1.30X) (PUC)	<u>1.34</u>	<u>1.30</u>	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending April 30, 2023 and 2022

SCHEDULE C

	Month to Date		Variance Increase / (Decrease)
	Actual (Unaudited) April-23	Actual (Unaudited) April-22	
OPERATING REVENUES			
Water Revenues	5,273,673	5,342,327	(68,654)
Wastewater Revenues	2,927,764	2,710,683	217,081
Legislative Surcharge	244,335	242,210	2,125
Other Revenues	38,154	40,165	(2,011)
System Development Charge	341,583	70,357	271,226
Total Operating Revenues	8,825,508	8,405,741	419,767
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	473,093	660,617	(187,524)
Power Purchases	2,223,291	1,550,100	673,190
Total Utility Costs	<u>2,696,384</u>	<u>2,210,717</u>	<u>485,666</u>
Salaries and Wages	1,521,354	1,410,247	111,107
Pension and Benefits	593,200	532,255	60,945
Total Salaries and Benefits	<u>2,114,554</u>	<u>1,942,502</u>	<u>172,052</u>
Capitalized Labor and Benefits	(320,581)	(313,492)	(7,089)
Net Salaries and Benefits	<u>1,793,973</u>	<u>1,629,010</u>	<u>164,963</u>
Administrative and General Expenses			
Sludge removal	62,779	57,278	5,501
Chemicals	116,193	32,136	84,057
Materials & Supplies	95,724	176,781	(81,057)
Transportation	55,416	41,593	13,823
Communications	13,027	11,986	1,041
Claims	588	-	588
Insurance	147,927	79,937	67,990
Training & Travel	3,349	4,229	(880)
Advertising	15,658	1,450	14,208
Miscellaneous	112,344	142,797	(30,453)
Regulatory Expense	12,942	10,570	2,372
Bad Debts Provision	168,915	165,904	3,011
Total Administrative and General Expense	<u>804,862</u>	<u>724,661</u>	<u>80,201</u>
Depreciation Expense	<u>2,418,760</u>	<u>2,344,602</u>	<u>74,158</u>
Contractual Expense			
Audit & Computer Maintenance	177,283	132,178	45,105
Building rental	48,327	42,397	5,930
Equipment rental	48,773	30,908	17,866
Legal	114,414	-	114,414
Laboratory	2,017	5,722	(3,705)
Other	117,268	138,510	(21,241)
Total Contractual Expense	<u>508,083</u>	<u>349,714</u>	<u>158,369</u>
Retiree Supp. Annuities and health care costs	242,287	223,835	18,452
Contribution to Government of Guam	56,100	51,833	4,267
Total Retiree Benefits	<u>298,387</u>	<u>275,668</u>	<u>22,718</u>
Total Operating Expenses	<u>8,520,448</u>	<u>7,534,373</u>	<u>986,075</u>
Earnings (Loss) from Operations	<u>305,060</u>	<u>871,368</u>	<u>(566,309)</u>
Interest Income - 2010/13/14/16/17/20 Series Bond	881,995	2,633	879,362
Interest Income - Other Funds	125,781	718	125,063
Interest Income - SDC	9,301	293	9,009
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,400,140)	(2,457,450)	57,310
Interest Expense - Leases	-	-	-
Contributions from Local Government	1,800,000	-	1,800,000
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	-	-
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Costs	124,228	156,349	(32,121)
Defeasance due to bond refunding	(170,449)	(171,399)	949
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(16,741)	(23,066)	6,325
Total non-operating revenues (expenses)	<u>353,976</u>	<u>(2,491,922)</u>	<u>2,845,897</u>
Net Income (Loss) before capital contributions	<u>659,036</u>	<u>(1,620,553)</u>	<u>2,279,589</u>
Capital Contributions			
Grants from US Government	1,851,839	3,071,854	(1,220,015)
Grants from GovGuam & Others	-	-	-
Total Capital Contributions	<u>1,851,839</u>	<u>3,071,854</u>	<u>(1,220,015)</u>
Change in Net Assets	<u>2,510,874</u>	<u>1,451,301</u>	<u>1,059,573</u>
Debt Service Calculation			
Earnings From Operations	305,060	871,368	
System Development Charge	(341,583)	(70,357)	
Retiree COLA	56,100	51,833	
Interest/Investment Income	125,781	718	
Depreciation	2,418,760	2,344,602	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	400,000	
ARPA Grant	1,800,000	-	
Balance Available for Debt Service per Section 6.12	<u>4,364,119</u>	<u>3,598,165</u>	
Debt Service			
Principal	852,917	812,083	
Interest	2,400,140	1,976,089	
Total	<u>3,253,056</u>	<u>2,788,172</u>	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	<u>1.34</u>	<u>1.29</u>	
Debt Service Coverage (1.30X) (PUC)	<u>1.34</u>	<u>1.29</u>	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending April 30, 2023

SCHEDULE D

	Year to Date		Variance Favorable / (Unfavorable)
	Actual (Unaudited) April-23	Budget* April-23	
OPERATING REVENUES			
Water Revenues	39,245,621	39,924,735	(679,114)
Wastewater Revenues	21,654,697	20,576,356	1,078,341
Legislative Surcharge	1,828,130	1,811,464	16,666
Other Revenues	347,988	274,716	73,272
System Development Charge	1,040,554	984,006	56,548
Total Operating Revenues	64,116,990	63,571,276	545,713
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	3,839,071	3,721,115	(117,956)
Power Purchases	16,031,566	16,258,147	226,581
Total Utility Costs	19,870,637	19,979,262	108,625
Salaries and Wages	11,175,077	10,927,894	(247,183)
Pension and Benefits	4,366,869	4,165,620	(201,249)
Total Salaries and Benefits	15,541,946	15,093,514	(448,432)
Capitalized Labor and Benefits	(1,586,423)	(1,326,174)	260,250
Net Salaries and Benefits	13,955,523	13,767,340	(188,182)
Administrative and General Expenses			
Sludge removal	369,619	417,077	47,459
Chemicals	786,374	1,043,762	257,388
Materials & Supplies	766,353	1,031,301	264,948
Transportation	317,425	409,201	91,776
Communications	71,330	102,452	31,122
Claims	28,307	36,431	8,124
Insurance	1,035,488	1,035,488	0
Training & Travel	56,833	85,632	28,800
Advertising	38,099	69,865	31,766
Miscellaneous	704,637	862,251	157,615
Regulatory Expense	117,162	261,080	143,918
Bad Debts Provision	1,254,569	1,235,976	(18,593)
Total Administrative and General Expense	5,546,194	6,590,514	1,044,321
Depreciation Expense	16,681,663	16,763,285	81,622
Contractual Expense			
Audit & Computer Maintenance	1,155,451	1,250,600	95,149
Building rental	337,075	337,843	767
Equipment rental	289,806	271,473	(18,334)
Legal	430,843	369,167	(61,676)
Laboratory	170,357	277,578	107,221
Other	960,446	935,747	(24,699)
Total Contractual Expense	3,343,980	3,442,408	98,429
Retiree Supp. Annuities and health care costs	1,671,267	1,798,077	126,810
Contribution to Government of Guam	392,700	392,700	-
Total Retiree Benefits	2,063,967	2,190,777	126,810
Total Operating Expenses	61,461,962	62,733,587	1,271,624
Earnings (Loss) from Operations	2,655,027	837,690	1,817,338
Interest Income - 2010/13/14/16/17/20 Series Bond	5,082,134	4,529,028	553,105
Interest Income - Other Funds	729,528	625,289	104,239
Interest Income - SDC	26,077	6,111	19,966
Interest Expense - 2010/13/14/16/17/20 Series Bond	(16,800,979)	(16,800,979)	-
Interest Expense - Leases	-	-	-
Contributions from Local Government	8,800,000	7,233,333	1,566,667
Federal Expenditures	-	-	-
Loss on Asset Disposal	(225,995)	(395,492)	169,497
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Costs	869,596	869,596	-
Defeasance due to bond refunding	(1,193,145)	(1,193,145)	-
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(151,145)	(50,604)	(100,541)
Total non-operating revenues (expenses)	(2,863,928)	(5,176,861)	2,312,933
Net Income (Loss) before capital contributions	(208,901)	(4,339,172)	4,130,271
Capital Contributions			
Grants from US Government	10,145,255	11,805,056	(1,659,802)
Grants from GovGuam & Others	35,749	62,560	(26,811)
Total Capital Contributions	10,181,003	11,867,616	(1,686,613)
Change in Net Assets	9,972,102	7,528,444	2,443,658
Debt Service Calculation			
Earnings From Operations	2,655,027	837,690	
System Development Charge	(1,040,554)	(984,006)	
Retiree COLA	392,700	392,700	
Interest/Investment Income	729,528	625,289	
Depreciation	16,681,663	16,763,285	
Plus withdrawals (deposits) to Rate Stabilization Fund	2,550,000	4,725,000	
ARPA Grant	8,800,000	7,233,333	
Balance Available for Debt Service per Section 6.12	30,768,364	29,593,291	
Debt Service			
Principal	5,970,417	5,970,417	
Interest	16,800,979	16,800,979	
Total	22,771,395	22,771,395	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.35	1.30	
Debt Service Coverage (1.30X) (PUC)	1.35	1.30	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending April 30, 2023 and 2022

SCHEDULE E

	Year to Date		Variance Increase / (Decrease)
	Actual (Unaudited) April-23	Actual (Unaudited) April-22	
OPERATING REVENUES			
Water Revenues	39,245,621	37,461,365	1,784,256
Wastewater Revenues	21,654,697	19,314,755	2,339,942
Legislative Surcharge	1,828,130	1,731,787	96,344
Other Revenues	347,988	266,699	81,289
System Development Charge	1,040,554	407,784	632,770
Total Operating Revenues	64,116,990	59,182,390	4,934,600
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	3,839,071	3,783,015	56,056
Power Purchases	16,031,566	9,499,499	6,532,067
Total Utility Costs	19,870,637	13,282,514	6,588,124
Salaries and Wages	11,175,077	10,755,179	419,898
Pension and Benefits	4,366,869	4,163,517	203,352
Total Salaries and Benefits	15,541,946	14,918,696	623,250
Capitalized Labor and Benefits	(1,586,423)	(1,910,294)	323,870
Net Salaries and Benefits	13,955,523	13,008,402	947,120
Administrative and General Expenses			
Sludge removal	369,619	456,671	(87,053)
Chemicals	786,374	1,130,202	(343,828)
Materials & Supplies	766,353	1,000,582	(234,229)
Transportation	317,425	348,009	(30,584)
Communications	71,330	90,374	(19,044)
Claims	28,307	46,443	(18,137)
Insurance	1,035,488	559,559	475,929
Training & Travel	56,833	31,431	25,402
Advertising	38,099	27,513	10,586
Miscellaneous	704,637	763,934	(59,298)
Regulatory Expense	117,162	237,357	(120,195)
Bad Debts Provision	1,254,569	1,170,158	84,411
Total Administrative and General Expense	5,546,194	5,862,234	(316,040)
Depreciation Expense	16,681,663	16,163,424	518,239
Contractual Expense			
Audit & Computer Maintenance	1,155,451	796,762	358,689
Building rental	337,075	296,781	40,294
Equipment rental	289,806	217,783	72,023
Legal	430,843	102,467	328,376
Laboratory	170,357	148,418	21,939
Other	960,446	865,678	94,768
Total Contractual Expense	3,343,980	2,427,889	916,090
Retiree Supp. Annuities and health care costs	1,671,267	1,498,945	172,322
Contribution to Government of Guam	392,700	362,833	29,867
Total Retiree Benefits	2,063,967	1,861,778	202,188
Total Operating Expenses	61,461,962	52,606,242	8,855,721
Earnings (Loss) from Operations	2,655,027	6,576,148	(3,921,121)
Interest Income - 2010/13/14/16/17/20 Series Bond	5,082,134	20,115	5,062,019
Interest Income - Other Funds	729,528	5,746	723,782
Interest Income - SDC	26,077	3,113	22,965
Interest Expense - 2010/13/14/16/17/20 Series Bond	(16,800,979)	(17,202,152)	401,173
Interest Expense - Leases	-	-	-
Contributions from Local Government	8,800,000	-	8,800,000
Federal Expenditures	-	-	-
Loss on Asset Disposal	(225,995)	(20,525)	(205,470)
AFUDC	-	-	-
Amortization of Discount, Premium and Issuance Cos	869,596	1,094,443	(224,847)
Defeasance due to bond refunding	(1,193,145)	(1,199,790)	6,645
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(151,145)	95,136	(246,281)
Total non-operating revenues (expenses)	(2,863,928)	(17,203,914)	14,339,986
Net Income (Loss) before capital contributions	(208,901)	(10,627,766)	10,418,865
Capital Contributions			
Grants from US Government	10,145,255	20,163,294	(10,018,040)
Grants from GovGuam & Others	35,749	-	35,749
Total Capital Contributions	10,181,003	20,163,294	(9,982,291)
Change in Net Assets	9,972,102	9,535,528	436,574
Debt Service Calculation			
Earnings From Operations	2,655,027	6,576,148	
System Development Charge	(1,040,554)	(407,784)	
Retiree COLA	392,700	362,833	
Interest/Investment Income	729,528	5,746	
Depreciation	16,681,663	16,163,424	
Plus withdrawals (deposits) to Rate Stabilization	2,550,000	1,600,000	
ARPA Grant	8,800,000	-	
Balance Available for Debt Service per Section 6.12	30,768,364	24,300,368	
Working Capital Reserve Available for Debt Service	-	-	
Transfer to Working Capital - Debt Service Reserve	-	-	
Transfer to Working Capital - O&M Reserve	-	-	
Balance Available for Debt Service inclusive of reserves	30,768,364	24,300,368	
Debt Service			
Principal	5,970,417	5,684,583	
Interest	16,800,979	13,832,624	
Total	22,771,395	19,517,207	
Debt Service Coverage (1.25X) - per Section 6.12	1.35	1.25	
Debt Service Coverage (1.30X) (PUC)	1.35	1.25	

SCHEDULE F

**Guam Waterworks Authority
Statement of Cash Flows (Unaudited)
FY2023**

**YTD
Apr-23**

Cash flows from operating activities:	
Cash received from trade and others	62,077,023
Cash payments to suppliers/contractors for goods and services	(12,642,362)
Cash payments to employees for services	(17,332,680)
Net cash provided by operating activities	<u>32,101,981</u>
Cash flows from noncapital financing activities:	
Receipts from the Local Government operating grant	8,800,000
Cash flows from capital and related financing activities:	
Contributed capital received (grants)	15,260,075
Acquisition of utility plant	(33,472,531)
Repayment of Long Term Debt	323,549
Interest expense	(14,875,532)
Net cash provided by (used in) capital and related financing activities	<u>(32,764,439)</u>
Cash flows from investing activities:	
Transfers from (to) restricted fund	2,271,641
Interest income received	5,837,739
Net cash provided by investing activities	<u>8,109,380</u>
Net increase (decrease) in cash	16,246,922
Unrestricted cash at beginning of the period	33,173,824
Unrestricted cash at end of period	<u>49,420,746</u>
Reconciliation of operating loss to net cash provided by operating activities:	
Operating Income (loss)	2,655,027
Adjustments to reconcile to net cash provided by operating activities:	
Depreciation expense	16,681,663
Bad debts (recovery)	1,254,569
Capitalized labor and benefits	(1,586,423)
Recovery of provision for inventory obsolescence	-
Non-cash pension costs	-
(Increase) decrease in assets:	
Accounts receivable	(2,156,639)
Materials and supplies inventory	(889,816)
Prepaid expenses	131,627
Regulatory Assets	(7,777)
Increase (decrease) in liabilities:	
Accounts payable	(123,968)
Accrued payroll and employee benefits	273,232
Customer deposits	124,449
Other liabilities	15,746,036
Net cash provided by operating activities	<u>32,101,981</u>

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY2023

SCHEDULE G

Description	Unaudited April 30, 2023	Unaudited September 30, 2022	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	-
Petty Cash	3,930	3,930	-
BOG Deposit Accounts	29,591,432	12,033,170	17,558,262
BOG O & M Reserve	14,195,177	13,915,501	279,676
BOG CapEx Fund	5,628,207	7,219,224	(1,591,017)
Sub-total Unrestricted	49,420,746	33,173,824	16,246,922
RESTRICTED			
ANZ Bank	-	693	(693)
Bank Pacific	12,606	13,774	(1,168)
Bank of Hawaii	160,903	191,163	(30,260)
Community First FCU	2,228	4,044	(1,816)
First Hawaiian Bank	92,622	88,820	3,802
Bank Pacific Surcharge	1,985,571	87,530	1,898,041
Bank Pacific Escrow Deposit	925,850	843,058	82,793
BOG Customer Refunds	2,173,017	2,108,598	64,420
BOG Emergency Reserve Fund	-	6,246	(6,247)
BOG Sewer Hookup Revolving Fund	2,067,726	64,373	2,003,353
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG Revenue Trust	348,657	850,831	(502,175)
BOG Revenue Trust Fund	8,374,909	7,749,670	625,240
BOG Capital Improvement Revenue Fund	9,663,527	7,487,283	2,176,244
BOG Rate Stabilization Fund	3,100,000	5,650,000	(2,550,000)
	31,991,098	28,229,565	3,761,533
BOG - SDC Deposit	3,017,023	1,158,420	1,858,603
BOG - SDC CDs	2,000,000	6,250,000	(4,250,000)
Total SDC	5,017,023	7,408,420	(2,391,397)
Total Restricted	37,008,121	35,637,985	1,370,135
Reserve Funds			
BOG Series 2013 Construction Fund	3,417,064	4,236,835	(819,771)
BOG Series 2016 Construction Fund	29,231,092	38,621,743	(9,390,651)
BOG Series 2017 Refunding Construction Fund	3,617,463	4,133,026	(515,563)
BOG Series 2020A Construction Fund	111,359,581	118,006,420	(6,646,839)
BOG CIF-Construction Fund Transfers	4,618,301	-	4,618,301
BOG Series 2020A Capitalized Interest Fund	-	1,245	(1,245)
Total Restricted - Held by Trustee	152,243,501	164,999,269	(12,755,768)
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	3,371,033	1,400,508	1,970,525
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Reserve Fund	12,838,982	9,700,178	3,138,804
USB Series 2016 Debt Service Fund	3,063,114	1,967,736	1,095,377
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	3,701,454	1,907,628	1,793,826
USB Series 2020A Debt Service Fund	2,272,079	1,678,906	593,173
USB Series 2020A Debt Service Reserve Fund	6,659,700	6,659,700	-
USB Series 2020B Debt Service Reserve Fund	1,998,461	1,476,176	522,285
Total Investments	78,518,183	69,404,193	9,113,991
Total Restricted and Unrestricted Cash	317,190,552	303,215,271	13,975,280

**Guam Waterworks Authority
Accounts Receivable - Government (Active)
April 30, 2023**

SCHEDULE H

Customer Name	AGING						Total
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	
Autonomous Agencies (Active)							
Guam Int'l Airport Authority	8	8,517	63	63	63	262,378	271,085
Guam Power Authority	25	25,215	-	-	-	-	25,215
Guam Housing & Urban Renewal Authority	10	5,384	-	-	-	-	5,384
Guam Solid Waste Authority	4	1,717	228	60	33	-	2,038
Port Authority of Guam	5	1,470	-	-	-	-	1,470
Guam Housing Corporation	1	35	-	-	-	-	35
Total Autonomous Agencies	53	42,338	291	124	96	262,378	305,226
Semi-Autonomous Agencies (Active)							
Guam Memorial Hospital Authority	3	46,414	39,801	40,607	39,887	50,414	217,123
University of Guam	48	110,772	5,736	-	-	-	116,508
Guam Community College	3	25,876	-	-	-	-	25,876
Guam Environmental Protection Agency	2	322	-	-	-	-	322
Total Semi-Autonomous Agencies	56	183,384	45,537	40,607	39,887	50,414	359,830
Line Agencies (Active)							
Department of Education	52	496,469	185,431	7,548	572	2,528	692,548
Department of Parks & Recreation	12	69,161	17,141	-	-	-	86,302
Department of Corrections	9	75,761	-	-	-	-	75,761
Department of Public Works	10	19,970	16,374	-	-	-	36,344
Department of Chamorro Affairs	7	19,118	-	-	-	-	19,118
Department of Public Health & Social Services	9	4,432	4,733	2,461	301	-	11,927
Guam Police Department	9	4,205	3,556	-	-	-	7,761
Guam Fire Department	11	7,542	0	-	-	-	7,542
Department of Agriculture	7	4,863	1,346	-	-	-	6,209
Department of Mental Health and Substance	4	1,971	954	592	-	-	3,518
Office of the Governor	2	3,509	-	-	-	-	3,509
Guam Veterans Affairs Office	2	1,194	1,089	1,070	-	-	3,354
Department of Military Affairs/GUARNG	1	-	2,725	-	-	-	2,725
Department of Youth Affairs	3	1,304	-	-	-	-	1,304
Guam Public Library	6	480	127	78	-	-	685
Guam Homeland Security/Civil Defense	1	560	-	-	-	-	560
Department of Administration	3	368	122	-	-	-	490
Department of Customs & Quarantine	1	451	-	-	-	-	451
Guam Visitors Bureau	2	404	-	-	-	-	404
Office of Technology	1	198	-	-	-	-	198
Guam Energy Office	1	146	-	-	-	-	146
Barrigada Veteran Org.	1	49	-	-	-	-	49
Total Line Agencies	154	712,156	233,599	11,750	873	2,528	960,905
Other Government of Guam Entities (Active)							
Mayors Council of Guam	63	18,600	3,307	132	-	-	22,040
Talofofo Mayors Office	1	621	-	-	-	-	621
Agat Mayor's Office	1	150	184	-	-	-	334
The Office of the Dededo Mayor	1	205	-	-	-	-	205
Merizo Mayor	1	40	-	-	-	-	40
Total Other Government of Guam Entities	67	19,616	3,492	132	-	-	23,240
Total as of April 30, 2023 (Active)	330	957,494	282,919	52,612	40,856	315,320	1,649,202

GUAM WATERWORKS AUTHORITY
Accounts Receivable Aging Summary by Rate Class
As of April 30, 2023

SCHEDULE I

ACTIVE AND INACTIVE

Rate Class	A G I N G							Total	
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days			
Government	447	\$ 2,971,226	\$ 567,768	\$ 226,812	\$ 48,548	\$ 582,731	\$ 4,397,086	21%	
Agriculture	421	27,808	2,874	1,327	998	30,234	63,240	0%	
Commercial I	2,698	1,405,476	69,769	110,799	47,472	514,694	2,148,210	10%	
Commercial II	37	313,500	963	824	2,129	11,995	329,411	2%	
Commercial III	294	517,306	50,020	42,574	17,045	275,149	902,094	4%	
Golf Course	16	4,113	607	2,165	2,435	567	9,886	0%	
Hotel	54	1,597,965	34,052	68,010	21,491	767,863	2,489,382	12%	
Irrigation	33	3,713	94	103	-	1,295	5,205	0%	
Residential	48,127	3,772,468	668,663	406,753	288,331	5,473,537	10,609,751	51%	
	52,127	10,613,575	1,394,809	859,366	428,450	7,658,066	20,954,266	100%	
		51%	7%	4%	2%	37%			
Less Allowance for Doubtful Accounts:								(11,054,852)	
Net Accounts Receivable:								9,899,414	
Days Receivables Outstanding								34	

ACTIVE ONLY

Rate Class	A G I N G							Total	
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days			
Government	440	\$ 2,971,226	\$ 567,768	\$ 226,812	\$ 48,548	\$ 580,175	\$ 4,394,529	28%	
Agriculture	398	27,781	2,848	1,300	939	2,493	35,362	0%	
Commercial I	2,545	1,405,003	67,206	110,417	47,063	258,378	1,888,067	12%	
Commercial II	37	313,500	963	824	2,129	11,995	329,411	2%	
Commercial III	281	517,306	35,153	42,072	14,399	241,205	850,135	5%	
Golf Course	16	4,113	607	2,165	2,435	567	9,886	0%	
Hotel	53	1,597,965	34,052	68,010	21,491	297,045	2,018,564	13%	
Irrigation	32	3,713	94	103	-	-	3,910	0%	
Residential	40,201	3,737,778	608,475	323,011	206,055	1,481,260	6,356,579	40%	
	44,003	10,578,386	1,317,164	774,715	343,060	2,873,118	15,886,443	100%	
		67%	8%	5%	2%	18%			
Less Allowance for Doubtful Accounts:								(11,054,852)	
Net Accounts Receivable:								4,831,591	

As of March 31, 2023

Rate Class	A G I N G							Total	
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days			
Government	445	\$ 4,024,069	\$ 294,036	\$ 52,600	\$ 40,881	\$ 578,913	\$ 4,990,498	23%	
Agriculture	418	26,176	4,438	1,326	1,639	29,467	63,047	0%	
Commercial I	2,695	1,367,459	258,270	60,478	59,671	485,203	2,231,081	10%	
Commercial II	36	238,268	824	2,129	12,561	356	254,139	1%	
Commercial III	295	516,841	54,959	17,559	25,045	282,892	897,295	4%	
Golf Course	16	4,297	2,414	2,594	1,174	-	10,477	0%	
Hotel	54	1,712,850	153,624	36,512	26,074	764,588	2,693,648	12%	
Irrigation	33	2,479	156	88	-	1,295	4,018	0%	
Residential	48,038	3,644,483	828,501	675,160	250,396	5,460,727	10,859,267	49%	
	52,030	11,536,922	1,597,221	848,447	417,440	7,603,441	22,003,471	100%	
		52%	7%	4%	2%	35%			
Less Allowance for Doubtful Accounts:								(10,883,682)	
Net Accounts Receivable:								11,119,789	
Days Receivables Outstanding								36	

As of March 31, 2023

Rate Class	A G I N G							Total	
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days			
Government	438	\$ 4,024,069	\$ 294,036	\$ 52,600	\$ 40,881	\$ 576,356	\$ 4,987,942	33%	
Agriculture	396	26,176	4,438	1,294	897	2,418	35,224	0%	
Commercial I	2,538	1,364,423	256,730	59,956	50,206	237,497	1,968,812	13%	
Commercial II	36	238,268	824	2,129	12,561	356	254,139	2%	
Commercial III	280	498,866	54,457	14,912	23,950	250,043	842,229	5%	
Golf Course	16	4,297	2,414	2,594	1,174	-	10,477	0%	
Hotel	53	1,712,850	153,624	36,512	26,074	293,770	2,222,830	15%	
Irrigation	32	2,479	156	88	-	-	2,723	0%	
Residential	40,173	2,154,025	697,485	349,022	184,165	1,607,979	4,992,676	33%	
	43,962	10,025,453	1,464,163	519,109	339,908	2,968,420	15,317,052	100%	
		65%	10%	3%	2%	19%			
Less Allowance for Doubtful Accounts:								(10,883,682)	
Net Accounts Receivable:								4,433,370	

GUAM WATERWORKS AUTHORITY
Accounts Payable Aging

SCHEDULE J

As of	AGING						Total	Days Payable Outstanding
	Current	31 - 60 Days	61 - 90 Days	91 - 120 Days	> 120 Days			
April 30, 2023	\$ 3,241,041 77%	\$ 157,408 4%	\$ 209,103 5%	\$ 213,968 5%	\$ 382,717 9%	\$ 4,204,237 100%	31	
March 31, 2023	\$ 2,742,276 71%	\$ 438,902 11%	\$ 226,226 6%	\$ 81,441 2%	\$ 358,663 9%	\$ 3,847,508 100%	30	
February 28, 2023	\$ 3,887,036 78%	\$ 551,496 11%	\$ 151,896 3%	\$ 11,081 0%	\$ 393,714 8%	\$ 4,995,224 100%	34	

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

SCHEDULE K

CLASS	AUDITED							UNAUDITED		Annualized Based on 7 months
	FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	FY2020 TOTAL CONSUMPTION (kGal)	FY2021 TOTAL CONSUMPTION (kGal)	FY2022 CONSUMPTION (kGal)*	% Inc / (Dec.)	FY2023 TOTAL CONSUMPTION (kGal)
R Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	3,712,723	3,622,617	3,450,574	-5%	3,196,700
C Commercial	1,020,089	1,022,890	964,639	910,905	906,192	822,029	786,054	818,460	4%	829,616
F Federal	1,168	1,180	2,508	1,813	1,602	1,338	2,069	1,389	-33%	1,013
G Government	515,974	475,366	448,430	450,165	405,980	408,502	404,026	470,581	16%	497,843
H Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	714,161	448,034	462,757	3%	543,072
G Golf	6,850	6,770	5,252	2,741	2,793	5,835	2,855	3,796	33%	4,000
A Agriculture	67,376	78,628	69,482	81,127	90,803	84,492	68,805	65,719	-4%	44,136
I Irrigation	<u>10,385</u>	<u>11,351</u>	<u>10,143</u>	<u>8,504</u>	<u>7,896</u>	<u>8,654</u>	<u>5,404</u>	<u>4,888</u>	-10%	<u>4,117</u>
GRAND TOTAL	<u>6,036,620</u>	<u>6,033,960</u>	<u>5,711,790</u>	<u>5,758,590</u>	<u>5,855,091</u>	<u>5,757,733</u>	<u>5,339,864</u>	<u>5,278,164</u>	-1%	<u>5,120,495</u>

**Guam Waterworks Authority
System Development Charges Project Status
As of April 30, 2023**

SCHEDULE L

Funding Summary

Total available project funds	\$ 17,150,024
Total project expenditures and encumbrances	12,520,455
Total unobligated project funds	\$ 4,629,569

Projects Funded

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,151,116	2,854	1,153,971
Central Guam Reservoirs	276,008	4,032	280,040
Line Replacement Phase IV	256,937	-	256,937
Northern District WWTP	7,552,513	-	7,552,513
Northern District WWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	74,641	593,869
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	136,087	15,121	151,207
	\$ 12,177,950	\$ 342,505	\$ 12,520,455

Future planned projects

FY 2023-2025

Water Distribution System Pipe Replacement & Upgrades	1,000,000
Capacity Enhancement - Well Development and Construction Progr	394,000
Well Repair Program	200,000
	\$ 1,594,000



GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution 10-FY2023

Relative to Approval of Construction Contract for the Manenggon Reservoir No. 2 and Tamuning Reservoir No. 2

What is the projects' objective and is it necessary and urgent?

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

The objective of this project is to construct and repair the following:

1. Construct Manenggon Reservoir No. 2 (2.0 MG) – concrete construction
2. Construct Tamuning Reservoir No. 2 (3.0 MG) – concrete construction
3. Repair Manenggon Reservoir No. 1 (2.0 MG) – steel construction
4. Repair Tamuning Reservoir No. 1 (1.0 MG) – steel construction

Where is the project located?

The Manenggon Reservoirs site is located off Leo Palace Access Road in Yona. The Tamuning Reservoirs site is located off Route 10A in Tamuning.

How much will it cost?

The bid proposal submitted by Core Tech International Corporation is \$34,429,555.00. With a 5% contingency of \$1,721,477.00, the total to fund the construction of the Manenggon Reservoir No. 2 and Tamuning Reservoir No. 2 project will be \$36,151,032.00.

After construction of the Manenggon Reservoir No. 2 and Tamuning Reservoir No. 2, structural inspections will be performed on the existing steel Manenggon Reservoir No. 1 and Tamuning Reservoir No. 1. Once a major repair scope of work has been developed from the inspection reports and price negotiated with contractor, GWA management will request additional funding for the major repair work. Estimated major repair cost for both reservoirs are in the \$5,000,000.00 range.

When will it be completed?

Contract performance period for base bid work is 485 calendar days from Notice to Proceed.

What is the funding source?

Bond funds.



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

GWA RESOLUTION NO. 10–FY2023

**RELATIVE TO APPROVAL OF CONSTRUCTION CONTRACT FOR THE
MANENGGON RESERVOIR NO. 2 AND TAMUNING RESERVOIR NO. 2**

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 currently has a number of critical Court Order (“CO”) Projects, including the construction (i.e. repair, rehabilitate, replace or relocate) of the Manenggon Reservoir No. 1, Manenggon Reservoir No. 2 (formerly Pulantant), Tamuning Reservoir No.1 (formerly Airport), Tamuning Reservoir No. 2, as stated in Paragraph 29 (b) (4), (5), and (6) of the Court Order; and

WHEREAS, in compliance with the Court Order, GWA intends to execute a construction project to address the following:

1. The construction of a new Manenggon Reservoir No. 2 (2.0 MG) to replace the existing Pulantat steel tank; and
2. The construction of a new Tamuning Reservoir No. 2 (3.0 MG) to increase capacity at the existing Tamuning Reservoir No. 1 steel tank site; and

//

//

GWA RESOLUTION NO. 10-FY2023

- 1 3. The repair of existing Manenggong Reservoir No. 1 (2.0 MG) (modification to
2 contract after construction of Manenggong Reservoir No. 2 and inspection of
3 Manenggong Reservoir No. 1); and
- 4 4. The repair of existing Tamuning Reservoir No. 1 (1.0 MG) (modification to
5 contract after construction of Tamuning Reservoir No. 2 and inspection of
6 Tamuning Reservoir No. 1); and

7
8 **WHEREAS**, the Base Bid work consists of the Contractor furnishing all labor, tools,
9 equipment and materials necessary to complete the construction of the Maneggong Reservoir No.
10 2 and Tamuning Reservoir No. 2 to include, but not limited to foundation, earthwork, pipework,
11 storm water detention basin, concrete work, electrical work, fences and gates, protective coatings,
12 SCADA, disinfection, testing and start-up under the provisions of the bid documents and in
13 accordance with applicable GWA standards; and

14
15 **WHEREAS**, Invitation for Bid (IFB-01-ENG-2023) packages were picked up by 18
16 interested parties, from which GWA received bid proposals from 2 of the 18 parties before the bid
17 proposal deadline (Exhibit A – Abstract of Bids); and

18
19 **WHEREAS**, the Project Team analyzed all bid proposals received on January 20, 2023
20 and determined that Core Tech International Corporation, who submitted the lowest Base Bid as
21 being the responsive and responsible bidder and met all the bid requirements set forth by GWA;
22 and

23
24 **WHEREAS**, GWA Management finds that Core Tech International Corporation’s Base
25 Bid proposal of Thirty-Four Million Four Hundred Twenty-Nine Thousand Five Hundred Fifty-
26 Five Dollars (\$34,429,555.00) to be acceptable (Exhibit B – Bid Proposal); and

27
28 **WHEREAS**, GWA management will assess any additional funding availability from the
29 latest Capital Improvement Plan to ascertain if any or all the Additive Bid items as part of this IFB
30 can be awarded later through a change order or via a subsequent CCU approval process as a means
31 of maximizing system improvements efficiently; and

GWA RESOLUTION NO. 10-FY2023

1 **WHEREAS**, GWA Management is seeking approval to enter into contract with Core Tech
2 International Corporation for IFB-01-ENG-2023 in the amount of Thirty Four Million Four
3 Hundred Twenty Nine Thousand Five Hundred Fifty Five Dollars (\$34,429,555.00), along with a
4 five percent (5%) contingency of One Million Seven Hundred Twenty One Thousand Four
5 Hundred Seventy Seven Dollars (\$1,721,477.00), bringing the total requested funding amount to
6 Thirty Six Million One Hundred Fifty One Thousand Thirty Two Dollars (\$36,151,032.00); and
7

8 **WHEREAS**, the funding sources for the construction project will be from Bond funds;
9

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

- 13 1. The recitals set forth above hereby constitute the findings of the CCU.
- 14 2. The CCU hereby authorizes the management of GWA to accept the bid from
15 Core Tech International Corporation attached hereto as Exhibit B, and which is
16 also incorporated into this Resolution in its entirety.
- 17 3. The CCU hereby authorizes the management of GWA to enter into a contract
18 with Core Tech International Corporation in the amount of Thirty-Four Million
19 Four Hundred Twenty-Nine Thousand Five Hundred Fifty-Five Dollars
20 (\$34,429,555.00).
- 21 4. The CCU hereby approves the funding total of Thirty-Four Million Four
22 Hundred Twenty-Nine Thousand Five Hundred Fifty-Five Dollars
23 (\$34,429,555.00), along with a 5% contingency of One Million Seven Hundred
24 Twenty-One Thousand Four Hundred Seventy-Seven Dollars (\$1,721,477.00),
25 bringing the total requested funding amount to Thirty-Six Million One Hundred
26 Fifty-One Thousand Thirty-Two Dollars (\$36,151,032.00).
- 27 5. The CCU hereby approves the use of Bond funds.

28 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
29 of this Resolution.
30
31

ATTACHMENT 1
CENTRAL GUAM RESERVOIRS
MANENGGON RESERVOIR NO. 2 AND TAMUNING RESERVOIR NO. 2
 GWA Project No. W14-006-BND

UNIT PRICE BID FORM

Bidders will complete the work for the following price(s) as broken down per scope item:

BID SCHEDULE

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

Definitions:

LS = lump sum

TABLE A
Manenggon Reservoir No. 2 BID SCHEDULE

(BASE BID ITEMS NO. 1 – 5)
(ADDITIVE BID ITEMS NO. 6)

Item No.	Description	Quantity	Unit	Extended Amount
1.	Mobilization, as specified in the Contract Documents.	1	LS	\$ <u>2,851,687.00</u>
2.	Bonds and insurance.	1	LS	\$ <u>285,806.00</u>
3.	Permits.	1	LS	\$ <u>91,667.00</u>
4.	Demolition of existing Pulantat facilities:			
	4.1 Steel tank and foundation	1	LS	\$ <u>257,051.00</u>
	4.2 Sand testing	1	LS	\$ <u>19,088.00</u>
	4.3 Lead based paint removal and disposal	1	LS	\$ <u>44,539.00</u>
	4.4 Altitude and check valve removal and capping	1	LS	\$ <u>10,180.00</u>
	Subtotal		LS	\$ <u>3,560,018.00</u>

ATTACHMENT 1

Item No.	Description	Quantity	Unit	Extended Amount
5.	Manenggon Reservoir No. 2:			
5.1	Traffic control	1	LS	\$ 37,864.00
5.2	Earthwork	1	LS	\$ 307,724.00
5.3	Retaining wall	1	LS	\$ 83,669.00
5.4	Tank foundation	1	LS	\$ 214,205.00
5.5	Tank piping and valving	1	LS	\$ 507,500.00
5.6	Pre-stressed concrete tank	1	LS	\$ 8,580,916.00
5.7	Tank appurtenances	1	LS	\$ 369,033.00
5.8	Tripod retrieval systems and harnesses	1	LS	\$ 26,689.00
5.9	Site piping and valving	1	LS	\$ 951,296.00
5.10	Tank and piping disinfection	1	LS	\$ 4,991.00
5.11	Valve vaults, piping, and valves	1	LS	\$ 673,672.00
5.12	Overflow MH and stormdrain piping, swales, MHs, and CBs.	1	LS	\$ 198,746.00
5.13	Detention pond, spillway and access road	1	LS	\$ 269,655.00
5.14	Concrete pavement	1	LS	\$ 340,153.00
5.15	Fencing and gates	1	LS	\$ 119,466.00
5.16	Control building	1	LS	\$ 82,159.00
5.17	Electrical system	1	LS	\$ 233,989.00
5.18	SCADA, instrumentation and contrc	1	LS	\$ 248,676.00
5.19	Commissioning and training	1	LS	\$ 19,088.00
5.20	Cleaning of existing tank	1	LS	\$ 53,875.00
5.21	All other appurtenant work	1	LS	\$ 201,008.00
	Subtotal	1	LS	\$ 13,524,374.00

ATTACHMENT 1

Item No.	Description	Quantity	Unit	Extended Amount
6.	Additive Bid - Access Pump Station:			
6.1	Demolition	1	LS	\$ 75,110.00
6.2	Temporary pump system, generator and container	1	LS	\$ 533,260.00
6.3	Mechanical piping	1	LS	\$ 980,349.00
6.4	Architectural improvements	1	LS	\$ 140,435.00
6.5	Roof hatch openings	1	LS	\$ 22,403.00
6.6	Wall removal	1	LS	\$ 10,231.00
6.7	Generator system	1	LS	\$ 224,092.00
6.8	Fuel tank, support, piping and controls	1	LS	\$ 281,636.00
6.9	Exhaust fans and controls	1	LS	\$ 12,743.00
6.10	Louvers	1	LS	\$ 58,852.00
6.11	Electrical system	1	LS	\$ 294,420.00
6.12	Lighting	1	LS	\$ 8,397.00
6.13	SCADA, Instrumentation and contrc	1	LS	\$ 36,270.00
6.14	Commissioning	1	LS	\$ 30,541.00
6.15	Painting and coating	1	LS	\$ 44,552.00
6.16	All other appurtenant work	1	LS	\$ 5,725.00
	Subtotal	1	LS	\$ 2,759,016.00
Table A Base Bid Subtotal				\$ 17,084,392.00
Table A Base Bid and Additive Bid Subtotal				\$ 19,843,408.00

**TABLE B
Tamuning Reservoir No. 2 BID SCHEDULE**

(BASE BID ITEMS NO. 1 – 4)
(ADDITIVE BID ITEMS NO. 5-6)

Item No.	Description	Quantity	Unit	Extended Amount
1.	Mobilization, as specified in the Contract Documents.	1	LS	\$ 3,453,989.00
2.	Bonds and insurance.	1	LS	\$ 340,011.00

ATTACHMENT 1

Item No.	Description	Quantity	Unit	Extended Amount
3.	Permits.	1	LS	\$ <u>109,053.00</u>
4.	Tamuning Reservoir No. 2:			
	4.1 Traffic control	1	LS	\$ <u>131,075.00</u>
	4.2 Earthwork	1	LS	\$ <u>953,246.00</u>
	4.3 Retaining wall	1	LS	\$ <u>110,082.00</u>
	4.4 Tank foundation	1	LS	\$ <u>157,141.00</u>
	4.5 Tank piping and valving	1	LS	\$ <u>722,894.00</u>
	4.6 Pre-stressed concrete tank	1	LS	\$ <u>7,946,943.00</u>
	4.7 Tank appurtenances	1	LS	\$ <u>419,935.00</u>
	4.8 Site piping and valving	1	LS	\$ <u>508,384.00</u>
	4.9 Tank and piping disinfection	1	LS	\$ <u>3,959.00</u>
	4.10 Valve vaults, piping, and valves	1	LS	\$ <u>241,349.00</u>
	4.11 Overflow MHs and stormdrain piping, swales, MHs, and CBs.	1	LS	\$ <u>880,399.00</u>
	4.12 Detention pond, spillway and access road	1	LS	\$ <u>169,332.00</u>
	4.13 Concrete pavement	1	LS	\$ <u>327,036.00</u>
	4.14 Fencing and gates	1	LS	\$ <u>115,173.00</u>
	4.15 Monitoring well abandonment	1	LS	\$ <u>7,190.00</u>
	4.16 Control building	1	LS	\$ <u>77,046.00</u>
	4.17 Electrical system	1	LS	\$ <u>84,129.00</u>
	4.18 SCADA, instrumentation and controls	1	LS	\$ <u>273,326.00</u>
	4.19 Commissioning and training	1	LS	\$ <u>19,088.00</u>
	4.20 Cleaning of existing tank	1	LS	\$ <u>53,875.00</u>
	4.21 All other appurtenant work	1	LS	\$ <u>240,508.00</u>
	Subtotal	1	LS	\$ <u>13,442,110.00</u>
5.	Additive Bid – Route 10A Waterline Replacement:			
	5.1 Traffic control	1	LS	\$ <u>78,414.00</u>
	5.2 12" waterline	1	LS	\$ <u>758,231.00</u>
	5.3 18" waterline	1	LS	\$ <u>1,301,287.00</u>
	5.4 Service connections	1	LS	\$ <u>355,279.00</u>
	5.5 Piping disinfection	1	LS	\$ <u>47,184.00</u>
	5.6 Pavement restoration	1	LS	\$ <u>676,230.00</u>
	Subtotal	1	LS	\$ <u>3,216,625.00</u>

ATTACHMENT 1

Item No.	Description	Quantity	Unit	Extended Amount
6.	Additive Bid – Tiyan waterline, pump station, and sewer improvements:			
6.1	Traffic control	1	LS	\$ 78,414.00
6.2	12" waterline (approx. 1523 LF), butterfly valves and ARV	1	LS	\$ 458,592.00
6.3	12" waterline connections (2)	1	LS	\$ 131,410.00
6.4	Waterline abandonment	1	LS	\$ 31,813.00
6.5	Sewer line CIPP	1	LS	\$ 1,971,029.00
6.6	Booster pump station and connection	1	LS	\$ 60,902.00
6.7	Electrical system	1	LS	\$ 45,497.00
6.8	Instrumentation and controls	1	LS	\$ 37,540.00
6.9	Commissioning and training	1	LS	\$ 30,541.00
6.10	Site and pavement restoration	1	LS	\$ 10,475.00
	Subtotal	1	LS	\$ 2,856,213.00

Table B Base Bid Subtotal \$ 17,345,163.00

Table B Base Bid and Additive Bid Subtotal \$ 23,418,001.00

Tables A and B Base Bid Total \$ 34,429,555.00

Tables A and B Base Bid and Additive Bid Total \$ 43,261,409.00

TOTAL BASE BID PRICE FOR THE BID SCHEDULE (Tables A and B)

For the lump sum of

\$ 34,429,555.00

(Price in Figures)

Thirty Four Million Four Hundred Twenty Nine Thousand Five Hundred Fifty Five & 00/100

(Price in Words)

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

ATTACHMENT 1

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



GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution 26-FY2023

Relative to Approval of the Additional Funding of Construction Contract for the Tank Repair and Bypass Project

What is the projects' objective and is it necessary and urgent?

The objective is to perform major repairs to the Kaiser tank to achieve sanitary, structural, and safety compliance. The tank is part of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order. This project's construction contractor is AIC International, Inc.

Repairs confirmed after the necessary API inspections and engineering assessment will include the following: tank floor replacement, roof purlin/rafter replacement, interior and exterior ladders replacement, anchor bolt replacement, new interior coating, new exterior coating, and other miscellaneous metal repairs and site upgrades.

Where is the project located?

Kaiser Reservoir

How much will it cost?

Requesting \$2,584,692.65 to fund major repairs specifically for Kaiser tank. Cost includes a 15% contingency. The total funding authorization for all previously authorized tank repairs at other locations and the current request will be \$15,544,346.97.

When will it be completed?

Anticipated performance period is 365 calendar days.

What is the funding source?

Bond funds, such as:

1. CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
2. CIP PW 09-11: Water System Reservoirs 2005 Improvements



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GWA RESOLUTION NO. 26-FY2023

**RELATIVE TO APPROVAL OF THE ADDITIONAL FUNDING OF CONSTRUCTION
CONTRACT FOR THE TANK REPAIR AND BYPASS PROJECT**

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

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

WHEREAS, GWA currently has critical Court Order (“CO”) Projects that includes the Santa Ana, Agat-Umatat, Umatat Subdivision, Pigua-Merizo, Malojloj, Windwards Hills, Kaiser, Yigo, and Astumbo Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, Resolution No. 10-FY2020 (Exhibit A) authorized GWA Management to enter into contract with AIC International, Inc. (“Contractor”) for IFB-06-ENG-2019 Tank Repair and Bypass Project in the amount of Five Million Four Hundred Two Thousand Three Hundred Twenty-Six Dollars (\$5,402,326.00), along with a ten percent (10%) contingency of Five Hundred Forty Thousand Two Hundred Thirty-Three Dollars (\$540,233.00), bringing the total authorized funding amount to Five Million Nine Hundred Forty-Two Thousand Five Hundred Fifty-Nine Dollars (\$5,942,559.00) for tank bypass work, inspection work, and Astumbo No. 1 and Yigo No. 3 major repairs; and

//

GWA RESOLUTION NO. 26-FY2023

1 **WHEREAS**, Resolution No. 10-FY2021 (Exhibit B), Resolution No. 11-FY2022
2 (Exhibit C), and Resolution No. 22-FY2023 (Exhibit D) brought the total authorized funding to
3 Twelve Million Nine Hundred Fifty-Nine Thousand Six Hundred Fifty-Four Dollars and Thirty-
4 Two Cents (\$12,959,654.32) for additional work in the Base and Additive Bids at a total of eight
5 tank and bypass / pump station sites; and

6
7 **WHEREAS**, in accordance with CCU authorizations, GWA has issued Change Orders No.
8 1 to 11 for the Yigo No. 3, Astumbo No. 1, Windwards Hills, Santa Ana, and Agat-Umatic tanks
9 major repair and bypass work at Toguan, Geus, Santa Ana, and WBP-1 booster pump stations; and

10
11 **WHEREAS**, in accordance with CCU authorization, GWA is in the process of issuing
12 Change Order No. 12 for Pigua-Merizo Tank major repair; and

13
14 **WHEREAS**, IFB-06-ENG-2019 for the Tank Repair and Bypass Project, included
15 Additive Bid Item No. 8 for Kaiser Tank major repair; and

16
17 **WHEREAS**, American Petroleum Institute inspection and structural inspections have been
18 completed for the Kaiser Tank and a repair scope of work and fee has been negotiated with the
19 Contractor (see Exhibit E – CCR No. 45); and

20
21 **WHEREAS**, GWA Management is seeking additional funding for the repair of Kaiser
22 Tank in the amount of Two Million Two Hundred Forty-Seven Thousand Five Hundred Fifty-Nine
23 Dollars and Sixty-Five Cents (\$2,247,559.65) along with a fifteen percent (15%) contingency of
24 Three Hundred Thirty-Seven Thousand One Hundred Thirty-Three Dollars (\$337,133.00),
25 bringing the total additional funding amount requested to Two Million Five Hundred Eighty-Four
26 Thousand Six Hundred Ninety-Two Dollars and Sixty-Five Cents (\$2,584,692.65); and

27
28 **WHEREAS**, the funding sources for the construction project will be from bond funds;

29
30 **NOW BE IT THEREFORE RESOLVED**; the Consolidated Commission on Utilities
31 does hereby approve the following:

GWA RESOLUTION NO. 26-FY2023

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1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU hereby authorizes Two Million Five Hundred Eighty-Four Thousand Six Hundred Ninety-Two Dollars and Sixty-Five Cents (\$2,584,692.65) to fund the Kaiser Tank repairs to bring the total project authorization to Fifteen Million Five Hundred Forty-Four Thousand Three Hundred Forty-Six Dollars and Ninety-Seven Cents (\$15,544,346.97) (Exhibit E).
3. The CCU hereby approves the use of bond funds.

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

DULY AND REGULARLY ADOPTED, this 30th day of May 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS

PEDRO ROY MARTINEZ

Chairperson

Secretary

SECRETARY’S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____



CONSOLIDATED COMMISSION ON UTILITIES
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GWA RESOLUTION NO. 10-FY2020

RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE TANK REPAIR AND BYPASS PROJECT

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

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

WHEREAS, GWA currently has critical Court Order (“CO”) Projects that include the Santa Ana, Agat-Umatat, Umatat Subdivision, Pigua Merizo, Malojloj, Windwards Hills, Kaiser, Yigo and Astumbo No. 2 Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, GWA has advertised an Invitation for Bid (IFB-06-ENG-2019) soliciting bid proposals from experienced, responsible, and responsive bidders to construct tank bypass systems to allow for inspection and repair of the tanks; and

WHEREAS, under the Base Bid Work, the Santa Ana, Agat-Umatat, Umatat Subdivision, Pigua Merizo, Malojloj, Windward Hills, and Kaiser tank shall undergo inspection and minor repair work;

WHEREAS, should the tank inspections warrant the above tanks to undergo major repair as detailed in the Additive Bid Work, a change order shall be negotiated with the Contractor;

//

1 **WHEREAS**, under Base Bid Work, the Astumbo No. 2 tank shall undergo major repair
2 which includes complete exterior and interior tank painting, new tank floor, weld repairs,
3 cathodic protection, and miscellaneous repairs;

4
5 **WHEREAS**, under Additive Bid No. 1, the Yigo No. 3 tank shall undergo major repair
6 which includes complete exterior and interior tank painting, weld repairs, cathodic protection,
7 and miscellaneous repairs;

8
9 **WHEREAS**, IFB packages were picked up by 8 interested bidders, from which GWA
10 received bid proposals from 2 of the 8 parties before the IFB submittal deadline (See Exhibit A –
11 Abstracts of Bid); and

12
13 **WHEREAS**, GWA engineering team analyzed all bid proposals received on November
14 21, 2019 and determined AIC International, Inc. as being the lowest responsive and responsible
15 bidder and met all the bid requirements set forth by GWA; and

16
17 **WHEREAS**, GWA management finds that AIC International, Inc.’s Base Bid proposal
18 of Four Million Two Hundred Eight Thousand One Hundred Ninety-Seven Dollars
19 (\$4,208,197.00) to be acceptable (See Exhibit B – Bid Form).

20
21 **WHEREAS**, GWA Management will assess any additional funding availability from the
22 latest Capital Improvements Plan to ascertain if any or all the Additive bid items as part of this
23 IFB can be awarded later through a change order or via a subsequent CCU approval as a means
24 of maximizing system improvements efficiently; and

25
26 **WHEREAS**, GWA Management is seeking approval to enter in contract for the Base Bid
27 work with AIC International, Inc. (IFB-06-ENG-2019) in the amount of Four Million Two
28 Hundred Eight Thousand One Hundred Ninety-Seven Dollars (\$4,208,197.00), along with a ten
29 percent (10%) contingency of Four Hundred Twenty Thousand Eight Hundred Twenty Dollars
30 (\$420,820.00), bringing the total Base Bid requested funding amount to Four Million Six
31 Hundred Twenty Nine Thousand Seventeen Dollars (\$4,629,017.00); and

32 //

1 **WHEREAS**, GWA Management is seeking approval to include in such contract Additive
2 Bid No. 1 – Yigo No. 3 Major Repair Work in the amount of One Million One Hundred Ninety-
3 Four Thousand One Hundred Twenty-Nine Dollars (\$1,194,129.00) after entering into contract
4 with AIC International, Inc., along with a ten percent (10%) contingency of One Hundred
5 Nineteen Thousand Four Hundred Thirteen Dollars (\$119,413.00), bringing the total additive bid
6 item funding amount to One Million Three Hundred Thirteen Thousand Five Hundred Forty-
7 Two Dollars (\$1,313,542.00).

8
9 **WHEREAS**, the funding source for the construction project will be from bond funds as
10 detailed in the following CIP line items:

- 11 • CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
- 12 • CIP PW 09-11: Water System Reservoirs 2005 Improvements

13
14
15 **NOW, BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
16 does hereby approve the following:

- 17 1. The recitals set forth above hereby constitute the findings of the CCU.
- 18 2. The CCU finds that the terms of the bid proposal submitted by AIC
19 International, Inc. are fair and reasonable.
- 20 3. The CCU hereby authorizes the management of GWA to accept bid from AIC
21 International, Inc. attached hereto as Exhibit B, and which is also incorporated
22 into this Resolution in its entirety.
- 23 4. The CCU hereby authorizes the management of GWA to enter into a contract
24 with AIC International, Inc. in the amount of Four Million Two Hundred
25 Eight Thousand One Hundred Ninety-Seven Dollars (\$4,208,197.00) for base
26 bid work plus the amount of One Million One Hundred Ninety-Four
27 Thousand One Hundred Twenty-Nine Dollars (\$1,194,129.00) for additive bid
28 item work.
- 29 5. The CCU hereby approves the funding total of Five Million Four Hundred
30 Two Thousand Three Hundred Twenty Six Dollars (\$5,402,326.00), along
31 with a ten percent (10%) contingency of Five Hundred Forty Thousand Two
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Hundred Thirty Three Dollars (\$540,233.00), bringing the total authorized funding amount to Five Million Nine Hundred Forty Two Thousand Five Hundred Fifty Nine Dollars (\$5,942,559.00).

6. The CCU hereby approves the use of funding sources from the following CIP line items:

- a. CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
- b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

DULY and REGULARLY ADOPTED, this 28th day of January 2020.

Certified by:

Attested by:


JOSEPH T. DUENAS
 Chairperson


MICHAEL T. LIMTIACO
 Secretary

SECRETARY'S CERTIFICATE

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

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

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





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GWA RESOLUTION NO. 10-FY2021

RELATIVE TO APPROVAL OF THE ADDITIONAL FUNDING TO THE CONSTRUCTION CONTRACT FOR THE TANK REPAIR AND BYPASS PROJECT

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

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

WHEREAS, GWA currently has critical Court Order (“CO”) Projects that includes the Santa Ana, Agat-Umatat, Umatat Subdivision, Pigua Merizo, Malojloj, Windwards Hills, Kaiser, Yigo, and Astumbo No. 2 Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, Resolution No. 10-FY2020 (See Exhibit A) authorized GWA management to enter into contract with AIC, International in the amount of Five Million Four Hundred Two Thousand Three Hundred Twenty-Six Dollars (\$5,402,326.00) for base bid and select additive bid items, along with a 10% contingency of Five Hundred Forty Thousand Two Hundred Thirty-Three Dollars (\$540,233.00), bringing the total authorized funding amount to Five Million Nine Hundred Forty-Two Thousand Five Hundred Fifty-Nine Dollars (\$5,942,559.00); and

WHEREAS, GWA has issued Change Order No. 1 for Yigo No. 3 Major Repairs and is in the process of issuing Change Order No. 2 for the Agat-Umatat Major Repair; and

WHEREAS, GWA is in the process of inspecting Windward Hills tank and installing the bypass for Malojloj tank to allow inspections; and

1
2 **WHEREAS**, Tank Repair and Bypass, IFB-06-EN-2019, included Additive Bid Major
3 Repair Items No. 5 and No. 7 for the Malojloj and Windward Hills tanks, respectively (See
4 Exhibit B); and

5
6 **WHEREAS**, GWA Management is seeking additional funding to award additional
7 additive bid items for the major repair of the Windward Hills and Malojloj tanks in the amount
8 of Two Million Two Hundred Twenty-Six Thousand Eight Hundred Sixty-Two Dollars
9 (\$2,226,862.00) along with a 15% contingency of Three Hundred Thirty-Four Thousand
10 Twenty-Nine Dollars (\$334,029.00), bringing the total additional funding amount to Two
11 Million Five Hundred Sixty Thousand Eight Hundred Ninety-One Dollars (\$2,560,891.00).; and

12
13 **WHEREAS**, the funding sourced for the construction project will be from bond funds as
14 detailed in the following CIP line items:

- 15
16
 - CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
 - CIP PW 09-11: Water System Reservoirs 2005 Improvements

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18
19 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
20 does hereby approve the following:

- 21
22
 1. The recitals set forth above hereby constitute the findings of the CCU.
 - 23 2. The CCU hereby authorizes Two Million Five Hundred Sixty Thousand Eight
24 Hundred Ninety-One Dollars (\$2,560,891.00) to fund the Windward Hills and
25 Malojloj Tank Major Repairs to bring the total project authorization to Eight
26 Million Five Hundred Three Four Hundred Fifty Dollars (\$8,503,450.00).
 - 27 3. The CCU hereby approves the use of funding sources from the following CIP
28 line items:
 - 29 a. CIP PW 09-09: Water Reservoir Internal/External Corrosion
30 Assessment Program
 - 31 b. CIP PW 09-11: Water System Reservoirs 2005 Improvements



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GWA RESOLUTION NO. 11-FY2022

RELATIVE TO APPROVAL OF THE ADDITIONAL FUNDING TO THE CONSTRUCTION CONTRACT FOR THE TANK REPAIR AND BYPASS PROJECT

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

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

WHEREAS, GWA currently has critical Court Order (“CO”) Projects that includes the Santa Ana, Agat-Umatat, Umatat Subdivision, Pigua Merizo, Malojloj, Windwards Hills, Kaiser, Yigo, and Astumbo Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, Resolution No. 10-FY2020 (See Exhibit A) authorized GWA management to enter into contract with AIC, International for GWA IFB-06-ENG-2019 Tank Repair and Bypass Project in the amount of Five Million Four Hundred Two Thousand Three Hundred Twenty-Six Dollars (\$5,402,326.00), along with a 10% contingency of Five Hundred Forty Thousand Two Hundred Thirty-Three Dollars (\$540,233.00), bringing the total authorized funding amount to Five Million Nine Hundred Forty-Two Thousand Five Hundred Fifty-Nine Dollars (\$5,942,559.00) for various base bid items in the IFB; and

WHEREAS, Resolution No. 10-FY2021 (See Exhibit B) authorized an additional Two Million Two Hundred Twenty-Six Thousand Eight Hundred Sixty-Two Dollars (\$2,226,862.00) along with a 15% contingency of Three Hundred Thirty-Four Thousand Twenty-Nine Dollars

1 (\$334,029.00) for various additive bid items, bringing the total authorized funding to Eight
2 Million Five Hundred Three Thousand and Four Hundred Fifty Dollars (\$8,503,450.00); and

3
4 **WHEREAS**, in accordance with previous CCU authorization, GWA has issued Change
5 Order No. 1 for Yigo No. 3 Major Repair, Change Order No. 2 for the Agat-Umatic Major
6 Repair, Change Order No. 3 for Astumbo No. 1 Major Repair, and Change Order No. 4 for
7 Windward Hills Major Repair, and Change Order No. 5 for various repair and bypass work
8 associated with the tanks; and

9
10 **WHEREAS**, Tank Repair and Bypass Project, IFB-06-EN-2019, included Additive Bid
11 Major Repair Items No. 2 and No. 3 for the Santa Ana and Umatac Subdivision (See Exhibit C);
12 and

13
14 **WHEREAS**, Astumbo No. 1 tank requires additional funding to replace wall shell plates
15 (See Exhibit D); and

16
17 **WHEREAS**, GWA Management is seeking additional funding for repair of the Santa
18 Ana, Umatac Subdivision, and Astumbo tanks in the amount of Two Million Seven Hundred
19 Thirty-Six Thousand Nine Hundred Seventy-One Dollars (\$2,736,971.00) along with a 15%
20 contingency of Four Hundred Ten Thousand Five Hundred Forty-Six Dollars (\$410,546.00),
21 bringing the total additional funding amount to Three Million One Hundred Forty-Seven
22 Thousand Five Hundred Seventeen Dollars (\$3,147,517.00).; and

23
24 **WHEREAS**, the funding sourced for the construction project will be from bond funds as
25 detailed in the following CIP line items:

- 26
27
 - CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
 - CIP PW 09-11: Water System Reservoirs 2005 Improvements

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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 Three Million One Hundred Forty-Seven Thousand Five Hundred Seventeen Dollars (\$3,147,517.00) to fund the Santa Ana, Umatac Subdivision, and Astumbo tank repairs (Exhibits C and D) to bring the total project authorization to Eleven Million Six Hundred Fifty Thousand Nine Hundred Sixty-Seven Dollars (\$11,650,967.00).
3. The CCU hereby approves the use of funding sources from the following CIP line items:
 - a. CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
 - b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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


DULY AND REGULARLY ADOPTED, this 22nd day of February 2022.

Certified by:

Attested by:



JOSEPH T. DUENAS
 Chairperson



MICHAEL T. LIMTIACO
 Secretary

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SECRETARY'S CERTIFICATE

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

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

AYES:	<u>4</u>
NAYS:	<u>Ø</u>
ABSENT:	<u>1</u>
ABTAIN:	<u>Ø</u>



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

GWA RESOLUTION NO. 22-FY2023

RELATIVE TO APPROVAL OF THE ADDITIONAL FUNDING OF CONSTRUCTION CONTRACT FOR THE TANK REPAIR AND BYPASS PROJECT

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

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

WHEREAS, GWA currently has critical Court Order (“CO”) Projects that includes the Santa Ana, Agat-Umatac, Umatac Subdivision, Pigua Merizo, Malojloj, Windwards Hills, Kaiser, Yigo, and Astumbo Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, Resolution No. 10-FY2020 (See Exhibit A – Resolution No. 10-FY2020) authorized GWA management to enter into contract with AIC, International for GWA IFB-06-ENG-2019 Tank Repair and Bypass project in the amount of Five Million Four Hundred Two Thousand Three Hundred Twenty-Six Dollars (\$5,402,326.00), along with a 10% contingency of Five Hundred Forty Thousand Two Hundred Thirty-Three Dollars (\$540,233.00), bringing the total authorized funding amount to Five Million Nine Hundred Forty-Two Thousand Five Hundred Fifty-Nine Dollars (\$5,942,559.00) for tank bypass work, inspection work, and Astumbo No. 1 and Yigo No. 3 major repairs; and

WHEREAS, Resolution No. 10-FY2021 (Exhibit B – Resolution No. 11-FY2021) and Resolution No. 11-FY2022 (Exhibit C – Resolution No. 11-FY2022) brought the total authorized funding to Eleven Million Six Hundred Fifty Thousand Nine Hundred Sixty-Seven Dollars (\$11,650,967.00) for additional work in the Base and Additive Bids; and

1 **WHEREAS**, in accordance with CCU authorizations, GWA has issued Change Orders
2 No. 1 to 11 for the Yigo No. 3, Astumbo No. 1, Windwards Hills, Santa Ana, and Agat-Umatac
3 tanks major repair and bypass work at Toguan, Geus, Santa Ana, and WBP-1 booster pump
4 stations; and

5
6 **WHEREAS**, Tank Repair and Bypass, IFB-06-ENG-2019, included Additive Bid Major
7 Repair Item No. 4 for Pigua-Merizo tank; and

8
9 **WHEREAS**, API inspection and structural inspections have been completed for the
10 Pigua-Merizo tank and a repair scope of work and fee has been negotiated with the Contractor
11 (See Exhibit D – CCR No. 42); and

12
13 **WHEREAS**, GWA Management is seeking additional funding for the repair of Pigua-
14 Merizo tank in the amount of One Million One Hundred Thirty-Seven Thousand Nine Hundred
15 Eighty-Nine Dollars and Thirty-Two Cents (\$1,137,989.32) along with a 15% contingency of
16 One Hundred Seventy Thousand Six Hundred Ninety Eight Dollars (\$170,698.00), bringing the
17 total additional funding amount requested to One Million Three Hundred Eight Thousand Six
18 Hundred Eighty-Seven Dollars and Thirty-Two Cents (\$1,308,687.32); and

19
20 **WHEREAS**, the funding sourced for the construction project will be from bond funds as
21 detailed in the following CIP line items:

- 22 • CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
23 • CIP PW 09-11: Water System Reservoirs 2005 Improvements
24

25
26 **NOW BE IT THEREFORE RESOLVED;** the Consolidated Commission on Utilities
27 does hereby approve the following:

- 28 1. The recitals set forth above hereby constitute the findings of the CCU.
29 2. The CCU hereby authorizes One Million Three Hundred Eight Thousand Six
30 Hundred Eighty-Seven Dollars and Thirty-Two Cents (\$1,308,687.32) to fund
31 the Pigua-Merizo tank repairs to bring the total project authorization to
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Twelve Million Nine Hundred Fifty-Nine Thousand Six Hundred Fifty-Four Dollars and Thirty-Two Cents (\$12,959,654.32).

3. The CCU hereby approves the use of funding sources from the following CIP line items:

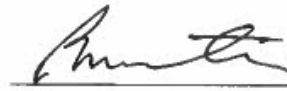
- a. CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
- b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

DULY AND REGULARLY ADOPTED, this 25th day of April 2023.

Certified by:

Attested by:



JOSEPH T. DUENAS
Chairperson

PEDRO ROY MARTINEZ
Secretary

SECRETARY'S CERTIFICATE

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

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

AYES: _____ 4 _____

NAYS: _____ Ø _____

ABSENT: _____ 1 _____

ABSTAIN: _____ Ø _____



THE UNIT COST ON THIS PROPOSAL ARE BASED ON THE UNIT QUANTITY PROVIDED ON THIS SPREADSHEET AND REPRESENTS THE MINIMUM QUANTITY FOR EACH PARTICULAR LINE ITEM.						
TABLE L - ADDITIVE BID NO. 8 - KAIZER TANK MAJOR REPAIR WORK (ADDITIVE / REVISED SCOPE OF WORK) - CCR#45						
		Unit	QTY	Unit Cost	Amount	Remarks - AIC
A.) TANK REPAIR WORKS						
2) FOUNDATION						
8.17	2.1 & 2.2) Construct a new concrete berm connecting to the new floor. The concrete berm should be sloping away from the tank and providing a perimeter seal between the new annular projection plate and concrete grout.	325	LF	93.80	30,485.00	Detail drawings was not provided, pricing is based on Item 26 CCR36 No Unit Cost was derived for reference. New concrete berm affected by new tank floor raised by [4]-4" thick. Same approach as the Windward Tank - CCR#36 - Item 2.6 for new tank concrete berm, verify details.
3) SHELL EXTERNAL						
8.18	3.1) Complete Exterior Surface Coating, Pressure Wash, Prep, Clean, and Epoxy Coating on the areas with an existing coating (Top Roof, Roof Knuckles, Shell, Wind Girder, Roof Railings, Platform, and Overflow & Inlet Pipe to including the exterior floor/ drip ring, and all other tank appurtenances that require coating)	24,000	SF	15.29	366,960.00	Based on the wordings of the Tank Repair Works, activity is for Sealer and Coating and no Sandblasting. Use per the Santa Ana Tank Unit Price Lock (CCR#33)> \$15.29/SF. Verified no LBP content.
4) SHELL INTERNAL						
8.19	4.1) Abrasive blast, clean to remove all adhering corrosion scales and complete Interior Surface Coating (Top Roof, Roof Knuckles, Roof Framing & supports/ Purlins + Outer & Inner Ring, Shell, Floor, Center Column Post to include frame & dome, overflow pipes + weir box and all other tank appurtenances that requires coating). Repair the corroded areas found after cleaning and re-inspection.	36,000	SF	13.97	502,920.00	Reference to Santa Ana Rate, Statement - Repair the corroded areas found after cleaning and re-inspection. Was deleted due to lack of information Use per the Santa Ana Tank Unit Price Lock (CCR#33)> \$13.97/SF.
8.20	Dehumidification Equipment	1	LS	124,641.00	124,641.00	Increased amount is referenced to increased on Santa Ana Tank
8.21	4.1a) Repair all severe pitting corrosion found after cleaning. All repairs shall be ground flush with the shell plate area and shall be examined visually and by either liquid penetrant or magnetic particle test	15	LF	396.00	5,940.00	Per Santa Ana Per Santa Ana Tank Unit Price Lock (CCR#33)> \$396.00/LF.
8.22	4.2) Blast clean approximately 6 inches from shell to annular weld on shell internal. Repair all with the shell plate area and shall be examined visually and by either liquid penetrant or magnetic particle test	15	LF	396.00	5,940.00	Per Santa Ana Per Santa Ana Tank Unit Price Lock (CCR#33)> \$396.00/LF.
8.23	4.3) Repair severely corroded internal vertical welds on 1st-course (1V1 to 1V4, 1V8 & 1V11) and other areas found after cleaning. After repair, the repaired welds shall be examined visually and by either liquid penetrant or magnetic particle test.	15	LF	396.00	5,940.00	Per Santa Ana Per Santa Ana Tank Unit Price Lock (CCR#33)> \$396.00/LF.
5) SHELL APPURTENANCES						
8.24	5.1) Minor repairs on the corroded internal flange to weld neck on 3-units 24" dia. shell manholes. Blast clean and recoat all shell nozzles. Clean the tell-tale hole and seal it with corrosion-retardant grease. Perform required NDT weld test: VT/ PT/MT after repair	3	EA	5,728.00	17,184.00	As noted by CM-DCA Use the Unit Cost per the Santa Ana Bid Tank Item 3.09 of \$5,728 ea. Only minor repairs to consider as per the API Reports(5.1).
8.25	5.2) Replace severely corroded bolts and nuts on overflow elbow flanges including corroded support. New support welds shall be examined visually and by either liquid penetrant or magnetic particle test. Blast clean and recoat overflow external pipe.	8	EA	1,508.84	12,054.70	Cost per Work Item No Unit Cost was derived for reference.
8.26	5.3) Replace 16" dia influent(float valve) external pipe from bottom flange to top pipe to elbow, the new replacement pipe welds shall be examined visually and by either liquid penetrant or magnetic particle test.	1	LOT	40,182.35	40,182.35	Cost per Work Item No Unit Cost was derived for reference. Coating included in Item 8.18
8.27	5.4) Repair deteriorated wind girder behind 16" dia. influent(float valve) external pipe. After repair the welds shall be examined visually and by either liquid penetrant or magnetic particle test.	1	LOT	4,018.23	4,018.23	1 location only reference to API report about 1.2LF No Unit Cost was derived for reference. Coating included in Item 8.18
6) ACCESS STRUCTURE						
8.28	6.1 & 6.2) Provide new security ladder access guard. Replace all bolts and nuts on the external vertical ladder. Provide lockable hinge access gate and OSHA required fall protection system. Use sheet S-17 as additional reference. Clean the entire exterior ladder surface by abrasive blasting and apply protective coating. Repair or replace severely corroded parts found after cleaning.	1	LS	45,029.74	45,029.74	Cost per Work Item New item per API Report (6.1). Per Santa Ana Tank Unit Cost, Item 2.25
8.28a	6.1 & 6.2) Provide OSHA required fall protection system. Use sheet S-18 as additional reference. Clean the entire interior ladder surface by abrasive blasting and apply protective coating and repair or replace severely corroded parts found after cleaning.	1	LS	29,626.51	29,626.51	Cost per Work Item No Unit Cost was derived for reference.
7) FIXED ROOF EXTERNAL						
8.29	7.1) Abrasive Blast & Complete Exterior Roof Surface Coating (Roof, Roof Knuckles, Hatch Cover, Roof Vent and all other tank appurtenances that requires coating. Perform all necessary acceptable coating test needed.		SF			INCLUDED IN ITEM 8.18
8.30	7.2) Repair holes noted on plate 38 by weld on patch-plate (10"x10") and on plate 48 by cutting and replacing (52" x 89") to include overlap with a plate thickness of 1/4". Perform the required NDT weld test; visual and magnetic particle test.	33	SF	645.00	21,285.00	As noted by CM-DCA Per Santa Ana Tank Unit Price Lock (CCR#33)> Item 2.27 > \$645.00/SF. Per Windward Tank Unit Price > Item 7.27 > \$455.00/SF.
8) FIXED ROOF INTERNAL						
8.31	8.1) Abrasive Blast & Complete Interior Roof Surface Coating (Roof, Roof Knuckles, Overflow Pipe, Roof Center Crown and Post) and all other tank appurtenances that requires coating. Perform all necessary acceptable coating test needed.		SF			INCLUDED IN ITEM 8.19
8.32	8.2) Cut and replace at least 2 feet of deteriorated roof rafters above the overflow weir box. After repair, all welds shall be examined visually and by either liquid penetrant or magnetic particle test. Blast clean entire roof structural members. Repair all corroded roof structural members and weld connections found after cleaning. Perform required NDT weld test; visual and magnetic particle test.	550	LBS	14.53	7,991.50	Cost per Work Item Use Unit Cost based on the windward Tank approached \$12.25/ LBS.
8.33	8.3) Replace deteriorated overflow weir box and supports. Blast and clean and perform required NDT weld test; visual and magnetic particle test.	1	LS	6,027.35	6,027.35	Cost per Work Item No Unit Cost was derived for reference.
9) FIXED ROOF APPURTENANCES						
8.34	9.1) Blast, clean and recoat on the 24" dia roof manhole/ hatch cover. No weld repair per API Report	1	EA	2,500.00	2,500.00	As noted by CM-DCA Per Santa Ana Tank Unit Price Cost (CCR#33)> \$6,588.00 Item 2.36
8.35	9.2) Repair deteriorated cover hinge and replace all bolts and nuts on the 36" dia. influent(float valve) roof nozzle. Blast, clean and apply protective coating.	1	LS	5,759.47	5,759.47	Cost per Work Item No Unit Cost was derived for reference.
8.36	9.3) Repair cover and frame on 16" dia. Roof vent. Replace corroded wire mesh with #24 SS vent screen and bolts & nuts only. Clean by abrasive blast and apply protective coating.	1	EA	6,587.20	6,587.20	As noted by CM-DCA Per Santa Ana Tank Unit Price Cost (CCR#33)> \$6,587.20 Item 2.37
8.37	GWA Tank Roof Vent Modification (Raise Height), Clean by abrasive blast and apply protective coating. Perform required NDT weld test, visual and magnetic particle test	1	EA	8,050.00	8,050.00	Cost per Work Item GWA preference. Price per CCR #36r2. Windward Tank inlet vault, etc. > \$7,000(DC) to include AIC overhead(around 1.12%) approximate cost of \$7,840, verify
10) BOTTOM PLATES						
8.38	10.1) Install new double bottom tank floor with annular plate replacement. Carry out NDT methods (Visual, PT/MT, and Vacuum test) per API Std 653 Section 12 & Annex F including Dry Film Thickness (DFT) on coating.	142,320	LBS	4.98	708,753.60	Total amount was based on the SF calculation by the contractor and unit quantity of 142,320lbs was disregarded for driving the total amount. 2019 Original Bid was \$4.17/lb 2021 updated pricing reference to Windward Hills was \$4.84/lb Cost reference per Item 8.01 - Additive Bid No. 8 Kaizer of \$4.17/lb.

Prepared by
6.2.03.02

						Additional We'd Testing requirements beyond current contract specifications.	
8.38	DCA: Install drip ring to the new tank floor chimes. Carry out NDT methods (Visual, PT/MT, and Vacuum test) per API Std 653 Section 12 & Annex F including Dry Film Thickness (DFT) on coating.	500	LBS	22.03	11,015.00	Cost is reference from actual labor and material cost on Windward Hills Tank	Cost reference per Item 8.02 - Additive Bid No. 8 Kaiser of \$2.55/lb. 2019 Cost reference for Windward Hills of \$4.75/lb.
11) INTERNAL COMPONENTS							
8.39	11.1) Complete Center Column and Column Base Replacement. Refer to Detail 1/5-16. Clean by abrasive blast and apply protective coating. Perform required NDT-weld test; visual and vacuum box test.	1	EA	12,567.00	12,567.00	As noted by CM-DCA	For Center Column(1), refer to CCR#39 Astumbo Tank with a unit price of \$ 12,567 ea includes AIC overhead
8.39a	11.1) Complete Outer Column and Column Base Replacement. Refer to Detail 1/5-16. Clean by abrasive blast and apply protective coating. Perform required NDT weld test; visual and vacuum box test.	6	EA	6,900.00	41,400.00	As noted by CM-DCA	For OuterColumns(6), refer to CCR#39 Astumbo Tank with a unit price of \$6,900 ea includes AIC overhead
8.40	11.2) Blast clean and recoat all columns(7). Replace all severely corroded bolts & nuts found after cleaning and tighten all loose bolts. Perform corrosion scanning on the upper 2 feet of column #1 after removal of the coating	7	EA	-	-	Please clarify scope if contractor will Mob and Demob after Sandblasting. API reports shows a column to be severely deteriorated. Note that elevated platform for sandblasting and actual repair requires different setup. We recommend DCA to provide precise work item to address this columns.	No Unit Cost was derived for reference
8.41	11.3) Clean existing 16" dia Effluent Pipe and 8" dia cleanout. Provide silt stopper on 8" dia cleanout.	1	LS	5,500.00	5,500.00	Cleaning of inlet/outlet line, drain line – 1 ft from tank	No Unit Cost was derived for reference
8.42	11.4) Remove the entire existing exterior float liquid level gauge and interior float assembly and plug/ cap tank penetration	1	LS	1,233.00	1,233.00	shell/floor.	No Unit Cost was derived for reference
8.42a	GWA-Install a new pressure transmitter level sensor type with stainless steel(SS) 316 enclosure to prevent theft. This is in place of using the ultrasonic and exterior float gauge instead. AIC will only install threadolet with a ball valve, due to lack of information for the pressure transmitter.	1	LS	1,500.00	1,500.00	Installation of one (1) Thread-o-let only, no cost allowed for pressure transmitter, trench /termination location and power source. More details needed.	GWA preference
12) MISCELLANEOUS							
8.43	12.1) Install four(4) equally spaced grounding connections(See API 650 Figure 5-23). Check resistance on all ground wires and the resistance of the grounding system should be indicated on the shell adjacent to the grounding connection for reference. The total resistance from tank to earth should not exceed approximately 25 ohms as API 650 2.2.6 or as per owner requirements.	4	LS	-	-		Per GWA advised, to be included in a separate CCR, same as at Santa Ana Tank
8.44	12.2) Installation of safety railings on the entire roof periphery for safety purposes.	-	LF	-	-		GWA preference (DELETED)
8.45	12.3) Install New Cathodic Protection System which will include the tank floor plates. Panel to be install inside the Pump Building (next to the door). Verify on-site	1	LS	97,500.00	97,500.00	Approximate 24 anodes for Kaiser reference comparison to 16 anodes for Windward Hills	Per Santa Ana Tank Unit Price Lock (CCR#33)> \$65,000.00 is for 1MGal Tank
8.46	12.4) Provide a corrosion-resistant metal nameplate with the information described in API 650 Sec. 10.1 or Api 653 Sec. 13.1	1	EA	1,250.00	1,250.00	As noted by CM-DCA	Per Santa Ana Tank Unit Price Lock (CCR#33)- \$1,250/EA
8.47	GWA- Coat all other exposed pipes, valves, fittings, manholes outside of the tank. Replace corroded bolts, nuts, gaskets and threaded rods with SST at inlet & outlet line and manholes.	4	LS	-	-		Per GWA advice, to be included in a separate CCR, same as at Santa Ana Tank
8.48	GWA-Install SSTL new sensing line(1" dia.) for the altitude valve. Pipe to run from inlet vault to the tank. Install 1" dia. thread-o-let with SSTL nipple and SSTL Ball Valve to include underground work and tank penetration requirements and NDT testing. To install prior to coating and tank disinfection	4	LS	-	-		Per GWA advice, to be included in a separate CCR, same as at Santa Ana Tank. Actual Measurement - 20 LF. Refer to Yigo Tank Sensing Installation(CCR #22)
8.49	GWA: INFLUENT VAULT- Provide Bilco Brand Aluminum Hatch (68" x 74") clear opening/ double door style) to the existing inlet, and installation of trench drain rock(IF APPLICABLE ONLY). 2' feet depth. Verify the actual size opening and provide vendor quotation, product material, and brochure for reference.	1	EA	42,861.00	42,861.00	Price derived from CCR36 similar scope. DCA proposed price is incorrect.	GWA preference. Price per CCR #36r2- Windward Tank inlet vault, etc. > \$19,765(DC) to include AIC overhead(around 1.275%) approximate cost of \$ 26,848.84, verify. OPTIONAL
8.49a	GWA: INFLUENT VAULT- Provide stainless steel(SS) vault ladder, 6' feet high and with the same material specification as the Yigo Tank vault for reference, IF APPLICABLE ONLY	1	EA	23,105.00	23,105.00	Price proposal similar to Pigua Scope of Work	GWA preference, same specification as Yigo Tank existing vault ladder. OPTIONAL
4.49	GWA: DRAIN VAULT- Provide Bilco Brand Aluminum Hatch(36" x 60") clear opening/ double door style) to include reconstruction by upgrading the drain vault size wall structure for easy access. Verify the actual size opening and provide product material and brochure for reference. (28-1/2"W x 31"L x 38"Depth -Actual Size/ to verify)	1	EA	51,753.00	51,753.00	Price derived from CCR36 similar scope. DCA proposed price is incorrect.	GWA preference. Price per CCR #36r2- Windward Tank inlet vault, etc. > \$30,006(DC) to include AIC overhead(around 1.33%) approximate cost of \$ 39,191.39, verify
TOTAL					\$ 2,247,559.65		CCR #45

PCSM
02.03.23



GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution 27-FY2023

Relative to Approval of Ugum No. 2 Reservoir Construction Management Contract

What is the projects' objective and is it necessary and urgent?

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

The project's objective is to provide construction management services for the construction of the Ugum No. 2 Reservoir. Work will include construction of a 2.0 million gallon pre-stressed concrete reservoir, pile foundation, pipelines, vaults, valves, retaining wall, instrumentation, compliance instrumentation building, and other general site upgrades.

Where is the project located?

Ugum Reservoir is located at GWA's Ugum Water Treatment Plant.

How much will it cost?

Fee proposal is \$1,514,701.00. With a 10% contingency of \$151,470.00, the funding requested is \$1,666,171.00.

When will it be completed?

Contract performance period for base bid work is 515 calendar days from Notice to Proceed.

What is the funding source?

Bond funds.



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

GWA RESOLUTION NO. 27–FY2023

**RELATIVE TO APPROVAL OF UGUM NO. 2 RESERVOIR CONSTRUCTION
MANAGEMENT CONTRACT**

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 currently has a number of critical Court Order (“CO”) Projects, including the construction (i.e., repair, rehabilitate, replace or relocate) of the Ugum No. 2 Reservoir, as stated in Paragraph 29 (b) (4), (5), and (6) of the Court Order; and

WHEREAS, the Ugum No. 2 Reservoir construction bid proposals (IFB-06-ENG-2023) were received on April 14, 2023 and are currently under review; and

WHEREAS, GWA has advertised the Request for Proposal (RFP-04-ENG-2023) soliciting statement of qualifications from experienced and qualified engineering firms to provide construction management services for the Ugum No. 2 Reservoir construction project; and

WHEREAS, 19 interested parties registered for the RFP package, from which GWA received proposal submittals from 4 firms before the RFP submittal deadline; and

//

GWA RESOLUTION NO. 27-FY2023

1 **WHEREAS**, the GWA Architectural-Engineering Selection committee reviewed and
2 evaluated the 4 proposals (Exhibit A – Score Summary) and generated a short list of the top 3
3 firms with a recommendation to award a contract to the firm GHD, Inc. (Exhibit B – GM’s
4 Determination); and

5
6 **WHEREAS**, GHD, Inc. and GWA negotiated the price for the construction management
7 services for the Base Bid Construction to be provided in the total amount of One Million Five
8 Hundred Fourteen Thousand Seven Hundred One Dollars (\$1,514,701.00) (Exhibit C – Scope of
9 Work and Fees); and

10
11 **WHEREAS**, GWA management seeks approval of the fee proposal amount of One Million
12 Five Hundred Fourteen Thousand Seven Hundred One Dollars (\$1,514,701.00), along with a ten
13 percent (10%) contingency of One Hundred Fifty-One Thousand Four Hundred Seventy Dollars
14 (\$151,470.00), to bring the total authorized funding amount to a maximum of One Million Six
15 Hundred Sixty-Six Thousand One Hundred Seventy-One Dollars (\$1,666,171.00); and

16
17 **WHEREAS**, the funding sources for the construction project will be from Bond funds;

18
19 **NOW BE IT THEREFORE RESOLVED**; the Consolidated Commission on Utilities
20 does hereby approve the following:

- 21
22 1. The recitals set forth above hereby constitute the findings of the CCU.
23 2. The CCU finds that the terms of the fee proposal submitted by GHD, Inc. are
24 fair and reasonable.
25 3. The CCU hereby authorizes management of GWA to accept the proposal from
26 GHD, Inc., which is also incorporated into this Resolution in its entirety.
27 4. The CCU hereby authorizes the management of GWA to enter into contract
28 with GHD, Inc., in the amount of One Million Five Hundred Fourteen Thousand
29 Seven Hundred One Dollars (\$1,514,701.00).
30 5. The CCU hereby approves the total funding amount for this project of One
31 Million Five Hundred Fourteen Thousand Seven Hundred One Dollars

GWA RESOLUTION NO. 27-FY2023

(\$1,514,701.00), along with a ten percent (10%) contingency of One Hundred Fifty-One Thousand Four Hundred Seventy Dollar (\$151,470.00), to bring the total authorized funding amount to a maximum of One Million Six Hundred Sixty-Six Thousand One Hundred Seventy-One Dollars (\$1,666,171.00).

6. The CCU hereby approves the use of Bond funds.

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

DULY AND REGULARLY ADOPTED, this 30th day of May 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS

PEDRO ROY MARTINEZ

Chairperson

Secretary

SECRETARY'S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____



GUAM WATERWORKS AUTHORITY

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

March 15, 2023

To: Mauryn Q. McDonald, P.E.
Acting Assistant General Manager - Engineering

From: Josephine E. Smith, PMBA
Chairperson, Consultant Selection Board

Subject: RFP-04-ENG-2023
Construction Management Services for Ugum No. 2 Reservoir
GWA Project No. W22-09-BND

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

EVALUATION COMMITTEE MEMBERS	
Name	Title
Garrett K.A. Yeoh	Senior Engineer
Cheuk Nam Yam	Senior Engineer
George J. Watson	Senior Engineer
Jessey A. Mendiola	Associate Engineer

Offerors	Evaluation Score				Total	Rank
1. GHD, Inc.	83	87	87	85	342	1
2. KHLG & Associates, Inc.	71	77	78	73	299	2
3. SSFM International, Inc.	73	75	80	70	298	3
4. EMPSCO Engineering Consultants	66	73	77	65	281	4

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

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

Approved by:

Mauryn Q. McDonald, P.E.



GUAM WATERWORKS AUTHORITY

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

MEMORANDUM

To: Miguel C. Bordallo, P.E.
General Manager

From: Mauryn Q. McDonald, P.E.
Acting Assistant General Manager - Engineering

Subject: RFP-04-ENG-2023
Construction Management Services for Ugum No. 2 Reservoir
GWA Project No. W22-09-BND


Date: March 22, 2023

The Selection Committee has completed all necessary actions for selecting the most qualified consultants for the referenced solicitation. All proposals were reviewed and scored according to the conditions established in the solicitation. The Evaluation Summary is attached for your information.

The committee recommends the following top three (3) firms in order of preference for the project:

1. GHD, Inc.
2. KHLG & Associates, Inc.
3. SSFM International, Inc.

Concurred:



 Vincent E. Guerrero
 Supply Management Administrator

3-22-2023

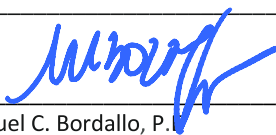
 Date

GENERAL MANAGER'S DETERMINATION

Consultant Firm Selected:

GHD, Inc.

Remarks:



 Miguel C. Bordallo, P.E.
 General Manager

2023. 3. 27

 Date



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

Your ref: W22-09-BND
Our ref: 12603142

19 April 2023

Mauryn Q. McDonald, P.E.
Acting Assistant General Manager - Engineering
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

RE: Scope of Work and Fee Proposal for RFP-04-2023, Construction Management Services for Ugum No. 2 Reservoir, GWA Project No. W22-09-BND

Dear Ms. McDonald:

Further to discussions with Mr. Garrett Yeoh regarding the scope of work, GHD has made some revisions to the scope of work document we included with our fee proposal on April 13, 2023. We are resubmitting our proposed scope of work and fee proposal for the above referenced project which incorporates several revisions reviewed with Mr. Yeoh. We look forward to working with GWA on this critical project for Guam. If you have any questions or need additional information, please do not hesitate to contact me directly by email or telephone.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Matthew G. Kennedy".

Matthew G. Kennedy, PE
Principal Engineer

+1 707-540-3376
matt.kennedy@ghd.com

Copy to: Andrew Kasunich, PE (GHD)
Garrett Yeoh (GWA)
Brett Railey, PE (GWA)

Attachments:

1. Revised Scope of Work (MS Word with Tracked Change Edits)
2. Revised Fee Proposal

SCOPE OF WORK

Construction Management Services for Ugum No. 2 Reservoir

A. CONSTRUCTION DESCRIPTION:

GHD Inc. (GHD) will provide construction management (CM) services on behalf of GWA for construction of Ugum No. 2 construction. The project is located in Inarajan at Ugum Water Treatment Plant and at the Inarajan Tank Site.

The following are the general description of water system improvements to be completed:

- Construction of a 2.0 MG concrete reservoir, including piping, vaults, pile foundation, electrical, instrumentation, SCADA, control building, treatment plant process instrumentation, and general site improvements.
- Rehabilitation of 1.0 MG Ugum No.1 steel reservoir.
- Demolition of 0.2 MG Inarajan steel reservoir.

The construction contract duration is 455 calendar days. A post-construction services duration of 60 calendar days is assumed.

B. GENERAL CONSTRUCTION MANAGEMENT (CM) SCOPE OF WORK

The CM will provide all services relating to the daily field observation, inspection, testing, management, coordination, and compliance monitoring for the construction project. The project generally consists of geotechnical ground improvements, construction of a pre-stressed concrete tank conforming to AWWA/ANSI D110 for Type I Wire- and Strand- Wound, Circular Prestressed Concrete Water Tanks (site adapted for the proposed location), installation of new water lines, construction of new vault structures, demolition of an existing steel tank at the Inarajan Tank Site, major structural repair and rehabilitation of the existing Ugum No. 1 steel reservoir, construction of new control buildings, construction and refurbishment of booster pump station, electrical, instrumentation and control, SCADA controls, plus all associated utilities for each site.

The rehabilitation of the Ugum No. 1 steel reservoir will be managed as a construction change order. The associated CM and inspection services are not included in this Scope of Work. The rehabilitation design is not part of the bid package, and the engineer preparing the rehabilitation design is expected perform the inspections and testing.

The construction management, testing, and field observation services for the tank replacement project will require general construction management and observation, as well as specialized inspection and testing. The construction management team members shall have demonstratable experience with pile driving, earthwork, pipe fitting work, concrete tank work, SCADA work, and all other aspects of this construction project.

In addition to general construction management duties, inspection and testing will include, but not limited to:

- Concrete placement
- Pile Foundation
- Concrete anchors/Adhesive anchoring systems/Expansion bolts
- Grading
- Excavation

- Compaction grouting
- Compaction testing
- Pre-stressing operations
- Concrete cylinder testing
- Shotcrete application
- High strength bolting
- Rebar
- Earthwork/Soil analysis
- Pipe fitting
- Electrical
- Instrumentation
- SCADA
- Hydrostatic testing
- Water treatment plant process instrumentation (TOC meter, chlorination analyzer)
- Disinfection
- System commissioning
- Structural repairs (per API-653)
- Steel reservoir coating
- Cathodic protection

In general, the CM will act as an independent contractor Owner's Representative of GWA whose primary function are to:

- Keep GWA advised and informed as to project progress, schedule, cost, work quality and conformance to project documents.
- Manage the change process.
- Disclose any information relevant to GWA's interest.
- Make proactive recommendations to GWA for action to maintain progress and achieve the project intent, schedule, and budget.
- Act in the best interest of GWA.

The CM shall administer the Contract, except that the CM is not authorized to make any decisions on the behalf of GWA that materially affect the intent of the design or financially obligate GWA in any manner.

Each project team member's resume shall be submitted to GWA for review and approval/rejection prior to start of the construction project. If any of the team member is not performing at GWA's expected professional and technical level, the project team member shall be replaced at GWA's discretion at any time.

The project team is expected to be experts in construction management, which includes project delivery, technical capabilities, problem solving, conflict resolution, and all other necessary factors needed to ensure that the project is completed as intended within schedule and budget.

The project team shall generally consist of the following members:

- a. Construction Manager/Resident Engineer
 1. This position shall be a registered Guam Professional Engineer
 2. 1 full time position
- b. Construction Inspector/Field Engineer

1. This position shall hold an Engineer in Training or Engineering Intern certificate.
 2. 1 full time position
- c. Administrative
1. 1 full time position
- d. Other staff and subconsultants
1. As needed
 2. Subconsultants may consist of geotechnical engineering, surveying, concrete testing, special inspections, soil testing, electrical, SCADA, and all other necessary disciplines.

C. PRE-CONSTRUCTION PHASE SERVICES

1. CM Quality Assurance

The Construction Management consultant and/or sub-consultants shall have experience in managing the construction of concrete water reservoirs conforming to AWWA design and construction guidelines or similar concrete construction, construction of water lines, booster pump stations, and all relevant water utility work. The CM team shall have qualified team members that are able to properly review all documentation and provide inspection in all relevant disciplines, which include civil, structural, mechanical, electrical, instrumentation, and SCADA.

The CM will review, record, and comment on submittals and Quality Control Plans submitted by the Construction Contractor. The CM will develop, implement, and maintain a Quality Assurance Plan for civil, structural, electrical, mechanical, and instrumentation elements including specialized work related to the construction of concrete water reservoirs conforming to AWWA/ANSI D110 Type I Wire- and Strand- Wound, Circular Prestressed Concrete Water Tanks.

The CM Quality Assurance shall incorporate all the required testing listed below.

The CM will file contractor certifications: review, file, and submit inspection test results; and assess substantial completion.

Quality assurance will include the following at the minimum:

- Documentation of site conditions prior to beginning construction
- Review of approved submittals from the Contractor prior to fabrication or installation of materials and equipment
- Daily inspection, observation, and documentation of field work
- Monitoring of the Contractor's Quality Control Plan
- In-plant fabrication and/or witness testing at place of manufacture (where applicable and locally accessible)
- Reports and record keeping
- Non-conforming and deficient work resolution process
- Complete list of specialized inspections for the tank structure and under tank improvements

The CM is responsible for monitoring the Contractor's compliance with the Contract Documents.

2. Construction Management Plan

The CM will develop and implement the Construction Management Plan (CM Plan) including guidelines for project organization and coordination in the field, standard daily operations, change order procedures, safety, quality, schedule, and cost control. The CM Plan sets forth the procedures and approach for the project construction management. The CM Plan will serve the CM, the Owner's Representatives, and Contractors by defining the project, project team members and their roles, coordination among team members, procedures, key milestones, and schedule constraints. By establishing these parameters early in the project, the CM Plan will help control resources and costs, and establish communication and coordination between the CM, Contractor, and GWA.

This task also includes time for the CM/RE and Construction Inspector/Field Engineer to review the plans, specifications and contract and become familiar with the design and requirements prior to the start of construction.

Deliverables (electronic pdf files and hardcopies):

- Construction Management Plan

3. Contract Bidding

Upon receipt of the construction bid results and related bid packages for each bidder, the CM will review the bid packages and provide GWA with a recommendation and/or concurrence of the proposed selected Contractor. Recommendation shall include document review to ensure compliance with all bid requirements and procurement regulations, bid analysis, and contractor selection. This task assumes GWA receives bids from up to three (3) contractors.

Deliverables (electronic pdf files and hardcopies):

- Technical Memorandum(s) – Document Review, Bid Analysis, and Contractor Selection

D. CONSTRUCTION PHASE SERVICES

The following sections describe the daily duties of the CM team.

1. Project Records and Document Control

These services and tools shall be provided by the CM to ensure that the project is efficiently managed and constructed according to the terms of the Contract and this Scope of Work. This task involves the proper collection and organization of construction documents, gathering data regarding project progress, producing progress reports, and monitoring time, cost, and quality.

The CM will use the Procore Construction Management software to manage construction documentation, track communication, design documents, construction documents, finances, and reporting. An allowance of \$X is included in the fee proposal for the Procore licenses. This amount is based on GHD's corporate Procore license and an estimated construction cost of \$15,000,000.

- Communication documents: Memos, daily inspector reports, meeting minutes and other relevant documentation for both Contractor and CM.
- Construction documents: Submittals, shop drawings, RFIs, testing results, photo logs, special inspection reports, change orders, corrective actions, punch lists, various construction logs, payment applications, wage rate reporting, and all other relevant documentation.
- Design documents: Specifications, drawings, permits, bid documents, contract documents, and all other relevant design documentation.

2. Daily Construction Reports

The onsite inspectors shall maintain a log of material deliveries, daily site production, site conditions, field orders/directives, progress photos, material testing, special inspections, documentation of delays, non-conformance, punch lists, and other material and work facts and issues regarding the prosecution of the work. The daily reports and logs shall be available to GWA project team for review at any time via the Procore Construction Management Software.

3. Progress Photo Log and Live Video Feed

The CM shall prepare and retain a construction progress photo log in an organized digital album with phases of the project clearly labeled and stored in the Procore Construction Management Software. The photo log shall capture all phases of the project – pre-construction, construction, and post-construction. The photo log shall be digital.

The CM shall provide a 24-hour monitoring camera to be installed at the Ugum Reservoir No. 2 project site to allow for continuous monitoring of the construction of the AWWA/ANSI D110 for Type I Wire- and Strand- Wound, Circular Prestressed Concrete Water Tank and related work. The camera system will be a GWA-owned camera reused from a previous GWA project. It will allow for remote view and playback functions. Monthly progress videos shall be available online and saved into the Procore Construction Management Software or other location accessible to GWA. The live video service is budgeted at an estimate rate of \$500 per month for a 12-month duration.

4. Submittals and Shop Drawings

The CM shall manage, review and act on all submittals required by the Contract documents. Submittals and shop drawings shall be managed in the Procore Construction Management Software. The CM shall review and provide comments regarding shop drawings, work drawings, material submittals, traffic control plan, safety plan, demolition plan, and all other submittals for conformance with the Contract documents. CM reviewers shall be competent personnel. Submittals and shop drawings requiring review by the Engineer of Record (EOR) will be sent to the EOR.

5. Contractor Project Schedules

The CM shall review the Contractor's work schedule for accuracy and for efficient sequencing of the work. The CM will direct the Contractor to make any changes deemed necessary and coordinate approval of the revised schedule with GWA. Any delays shall be documented and notified to GWA and the Contractor when actual progress is behind

schedule. The CM shall adhere to the requirements set forth in the Contract documents for contractor project schedule tracking and review.

6. Payment Request

The CM shall receive and process payment requests from the Contractor. Payment requests shall be reviewed for compliance with the Contract documents and with the actual work completed. Upon completion of the review, the CM shall work with the Contractor to make any necessary adjustments, certify, and forward the request to GWA for approval and processing of the payment. The CM shall submit their review, recommendation, acceptance, or rejection within 5 working days of receipt of a complete and accurate payment request from the Contractor.

7. Payroll Report

The CM shall review any payroll submittals required by the Contract documents including prevailing wage submissions. At the minimum, the Contractor and its subcontractors shall provide bi-weekly pay records for each of its employees on the project. The CM will conduct random employee interviews to verify the pay request information. Upon completion of the payroll review, the CM shall require the Contractor to make any necessary adjustments, certify, and forward the payroll report along with the pay request to GWA for processing.

8. Project Meetings

The CM shall schedule, arrange, and conduct conferences and meeting as required for clear communication of the Contract requirements and adherence to project schedules.

The CM shall arrange for a weekly progress meeting with the Contractor and GWA to discuss progress of work, Contract requirements, and other issues related to the administration and prosecution of work. The CM shall prepare meeting minutes for all progress meetings with contractors, sub-contractors, GWA, and all other parties. The meeting minutes shall include an action item list maintained from week to week until action items have been completed. Meeting information shall be maintained in the Procore Construction Management Software.

The CM shall arrange meetings between the Contractor and GWA, and other parties such as GEPA and DPW as necessary to address project issues that require decisions that cannot be made by the CM or to resolve regulatory concerns.

9. As-Built Drawing

Each month, the CM shall review the Contractor's As-Built drawings to ensure that they are current, accurate and capture any deviations from the original plan set.

The CM shall also maintain and update a separate set of red-line as-built drawing on site in the Procore Construction Management Software. Drawings shall be available for GWA at any time. Monthly as-builts documents shall be uploaded to the project management software system. The CM's red-line as-built drawings shall be used by the CM as a tool to review against the Contractor's as-built drawings.

10. Request for Information

Track all Request for Information and maintain an RFI log in the Procore Construction Management Software. Coordinate receipt of responses from other parties, as required. Provide RFI responses with GWA's input regarding any aspect of the Contract documents, which includes the plans and technical specifications.

11. Compliance Monitoring

The CM shall evaluate and ensure Contractor compliance with all local and federal labor laws applicable to the Project. Any violations shall be immediately reported to GWA. Compliance monitoring shall include but not limited to the following:

- Regulations and Laws: Monitor compliance with Territorial and/or Federal laws, regulations, and rules.
- Labor laws: Monitor Contractor and subcontractor procedures to verify legal status of employees on site. Verify bi-weekly compliance with labor requirements for federally funded projects including posting of wage rate schedules at the job site and safety requirements.
- Licensure: Confirm that the Contractor and its subcontractor and their workers have all required licenses and ensure that said licenses are valid throughout the terms of the Contract.
- Permit Compliance: Monitor and track Contractor's compliance in obtaining required permit and approvals.
- Insurance: Review Contractor's insurance documents submitted to GWA for compliance with Contractor requirements. Track insurance documents, ensure insurance is valid throughout the term of Contract and maintain insurance certificate log.

12. Claims and Disputes

The CM shall promptly notify GWA regarding any issues that arise during construction of the Project that could result in claims and/or disputes. The CM shall provide the following services to assist GWA with the resolution of claims and disputes:

- Claim Records: Maintain copies of all verbal and written communications, submittals, testimony, photos, and meetings regarding a potential dispute and promptly submit all originals to the Chief Engineer and Attorney for GWA.
- Claims Reviews & Interpretation: Reviews claims submitted by the Contractor, provide GWA with interpretation of Contract drawings and specifications and provide written recommendations to GWA regarding the solution of the dispute. At the outset of the Contract, the CM shall work with the Contractor to provide pricing for equipment, material, personnel, and other relevant considerations as specified in the bid. Prices agreed upon shall be used in any subsequent Change Order. No amounts shall be paid except for actual losses incurred by the Contractor through no fault of their own or for risks not allocated to the Contractor under the bid.

13. Change Order Negotiations and Review

Prepare independent cost estimates and negotiate change orders with the Contractor subject to GWA approval (final approval of negotiated change orders can only be made by the GWA General Manager).

Track all change orders and maintain a change order log. Provide change order evaluations, negotiations, and recommendations for approval by GWA. Change orders shall not be made when the Contractor has proceeded with work at risk or assumed such risk in the bid. Change orders may include requests for additional payments for differing site conditions and the CM shall utilize the bid document to determine if a change order is warranted. CM shall submit change order requests and supporting documentation to GWA for approval within 5 working days of receipt of a potential change order notice from the Contractor wherever practical.

The CM shall maintain copies of all approved change orders (originals to be provided to GWA) and ensure that subsequent pay requests accurately represent these change orders. Approved change orders shall be administered by the CM along with other work elements according to the provisions of this scope of work.

14. Construction Monitoring, Special Inspection, and Quality Control Monitoring

The CM team shall provide full-time construction observation and special inspection services to ensure that the work is accomplished in accordance with the Contract documents.

The Construction Manager/Resident Engineer shall be at the site during normal working hours unless attending project related meetings or during holidays, vacation, or sick days. The Construction Manager/Resident Engineer shall be licensed professional engineer registered in Guam.

The CM team shall provide a full-time construction inspector/field engineer at the reservoir site to monitor the construction. The Construction Manager/Resident Engineer and onsite field staff shall have demonstrable experience (satisfactory to GWA) relative to the discipline and type of work being performed. Project field staff shall review project documents, conduct daily observations, perform or schedule special inspections, prepare and submit Daily Observation and Special Inspection Reports, communicate deficiency issues and resolve issues with the Contractor, and update the Non-Compliance log.

In addition to general compliance inspections, the CM shall provide Special Inspections services in accordance with IBC 2009, Chapter 17 (or latest version required by DPW) by a person with demonstrable experience (satisfactory to GWA) related to concrete placement, structural field welding, field welding of reinforcement, concrete anchoring, expansion bolts, shotcrete application, high strength bolting, reinforcing steel placement, pre-stressing operations, grading, excavation, backfilling, foundation probing and injection, and other operations that require special inspections. The Special Inspections staff shall be approved by GWA.

The CM team shall have adequate staff to review and inspect work in all disciplines involved in the construction project. The disciplines are the following: civil, structural, mechanical, electrical, instrumentation, and SCADA.

15. Geotechnical Observation and Materials Testing (Quality Assurance)

A part-time geotechnical field representative will be provided on-site for observation of observation of pile installation under the supervision of a Guam registered geotechnical engineer. The geotechnical field representative will be on site approximately 10 percent of the

contractor QC observation time, or 4 hours on-site time per week for a 40-hour workweek. We estimate the 147 proposed piles will be installed at a rate of approximately two piles per day, or 10 piles per week. Assuming a 40-hour work week, we estimate pile installation will occur over approximately 15 work weeks. The geotechnical engineer will perform periodic visits, as needed. Non-conformance, deficiencies, or other issues will be reviewed by the geotechnical engineer and communicated immediately with the CM and Contractor.

Contractor Testing: Schedule, observe, approve or reject, and document testing required under the Contract to be performed by the Contractor.

Construction Quality Assurance Testing: The CM shall provide, at the minimum, the following CQA testing to monitor the Contractor’s independent testing firm:

SPECIAL TESTING	STANDARD	FREQUENCY
Concrete Tests: <ul style="list-style-type: none"> • Pipe encasement: Inlet piping, outlet piping, overflow piping, drain line piping, wash down piping • Tank foundation • Tank wall • Tank roof slab • Tank column • Tank column footing • Shotcrete • Vaults • Detention basin: footing and walls • Electrical and communication encasement • Electrical and communication hand hole 	ASTM C-39	10% of Contractor’s Quality Control Tests. Includes field testing of concrete and collection of concrete cylinder sets of five, in accordance with ASTM C31, for compression testing in an AASHTO-accredited laboratory. Work performed by an ACI certified field representative.
Compaction grouting	ASTM C-1019	10% of Contractor’s Quality Control Tests
Compaction testing: <ul style="list-style-type: none"> • Over Excavation: Bottom of Over Excavation, Type G – Crushed Aggregate, Top of Type H – Drain Rock, Type E – Certification of Observation • Vaults: First lift, middle lift, and final lift. • Electrical Hand Holes: First lift, middle lift, and final lift • Communication Hand Holes: First lift, middle lift, and final lift • Detention Basin: Footing • Pavement: Ribbon gutter and pavement 	ASTM D-698 ASTM D-6938	10% of Contractor’s Quality Control Tests or 4 hours on-site time per week for a 40-hour workweek.
Soil and Aggregate Analysis	ASTM C-136	10% of Contractor’s Quality Control Tests

<ul style="list-style-type: none"> • Type G – Crushed Aggregate • Type H – Drain Rock • Type E – Pea Gravel • Type I – Backfill Material 	ASTM C-117 ASTM C-40 ASTM D-1140 ASTM D-1183 ASTM D-4318	
All other required testing for Contract conformance.		

16. Acceptance

The CM shall promptly reject, orally and in writing, any construction work that does not fully comply with Contract documents. Within 24 hours of notification to the Contractor that work elements have been rejected; the CM shall provide a written description of the deficiency to the GWA for concurrence. When concurrence has been obtained, the Contractor shall be directed to correct the work. The CM shall promptly advise the GWA Project Manager if the Contractor fails to correct or remove the defective work.

The CM shall issue written stop work orders to the Contractor and immediately provide GWA with a copy for a portion of or the entire Contract non-compliance issues as follows:

- If condition of work or Contractor actions threatens the health and safety of Contractor personnel, GWA representatives, or public in such cases, stop work orders may be oral depending on the circumstances with written stop work order to follow.
- With prior notification and approval of the GWA Chief Engineer or Project Manager in all other cases.

17. Construction Survey Services (Quality Assurance)

The CM shall conduct survey and field measurements as necessary to verify that the work is located according to the plans and specifications. Changes to the horizontal and vertical alignments and elevations shall be made only with the approval of the GWA Chief Engineer.

- Pipeline Alignments and Location of Structures: Spot check Contractor’s construction staking to verify the pipeline alignments and structure locations are as called for on the plans and in the specifications and in order to ensure that the work is located within lawful and approved Rights-of-Way and easements.
- Elevations: Spot check with Contractor’s elevations for foundations, pads, pipeline inverts, backfill thickness, manholes, and other structures for which vertical elevations is a critical design element.
- Construction Survey Quality Assurance: The CM shall provide, at the minimum, the following CQA survey to monitor the Contractor’s independent survey firm:

Under Tank Piping

- a. Inlet piping & top of flange
- b. Outlet piping & top of flange
- c. Over flow piping & top of flange
- d. Drain line piping & top of flange
- e. Wash down piping & top of flange
- f. Ring drain, high points and outlets

Over Excavation

- a. Bottom of over excavation
- b. Top of fine aggregate
- c. Top of drain rock

Tank Foundation

- a. Top of formwork
- b. Top of concrete foundation

Vaults

- a. Top inlet vault footing formwork
- b. Top inlet vault roof slab formwork
- c. Top outlet vault footing formwork
- d. Top outlet vault roof slab formwork
- e. Top drain vault footing formwork
- f. Top drain vault roof slab formwork
- g. Top electrical hand hold
- h. Top communication hand hold

Pavement

- a. Ribbon gutter formwork
- b. Pavement formwork

Water Line

- a. Invert of newly installed pipe
- b. Location of fittings
- c. Utility nodes, such as vertical and horizontal bends in pipes
- d. Exposed utilities
- e. New chambers, manholes, vaults, or structures

Electrical

- a. Top of conduit
- b. Handholds and other electrical vaults

Bench Marks

- a. Establish benchmarks on the top of all vaults, top of footing at water height gauge, overflow, drain, and outlet.

18. Construction Electrical, Instrumentation and SCADA Services (Quality Assurance)

The CM shall perform field and building QA inspections of electrical, instrumentation and SCADA system installation as necessary to verify that the work is located according to the plans and specifications and installed in accordance with current building code requirements. An allowance of \$20,000 is included for QA electrical testing.

19. Project Closeout (Punch List and Project Closeout Inspections)

Throughout the construction of the project, prepare and maintenance a list of defects and deficiencies in the work which must be corrected by the Contractor prior to final acceptance of work. The list shall be provided to all members of the pre-final and final inspection team. The list shall be revised after inspections to reflect additional items identified during the

inspection. Coordinate with the Contractor to ensure that all punch list items have been completed. When all items have been completed, inform GWA in writing recommending that the work be accepted.

Schedule, arrange, and conduct interim, pre-final, and final inspections of work with Contractor, GWA, GEPA, DPW, and other stakeholders in this project.

- Preliminary Inspection: Preliminary inspections shall be arranged as necessary for specific work elements that require the certification and approval of other agencies.
- Pre-final Inspection: A pre-final inspection shall be conducted after substantial completion of the work.
- Final Inspection: The final inspection shall be conducted after correction of pre-final inspection punch list items.

20. Train and Warranty Documentation

The CM shall maintain a copy of all startup training and standard maintenance procedures required by the Contract document.

The CM shall maintain a copy of the warranties and compile associated Manufacturer and Contractor warranty documents. Warranty information shall be included in the final project report. All original warranty documents shall be provided to GWA along with Lien Release Information from the Contractor.

E. POST-CONSTRUCTION PHASE SERVICES

1. Final Report

The CM shall prepare a Final Report after written acceptance of the work by GWA. The Final Report shall include documentation of all significant design and construction events and issues and shall become a historical record for the project. The Final Report shall include all the documentation stored in the Procore Construction Management Software during the project, including:

- All communication documentation
- All meeting notes and record
- All design documentation
- All construction documentation
- Warranty information
- Operation and maintenance information
- Training information
- All files stored in Procore Construction Management software

Deliverables (electronic files):

- CM Final Report and documents from Procore

2. Record Drawings

After the conclusion of the project, the CM shall review and approve the official record drawings prepared by the Contractor. Record drawings shall be marked and sealed by a professional engineer licensed on Guam in accordance with Guam PEALS regulations.

The CM shall also submit a separate set of red-line as-built drawings as required in Section D, 9.

Deliverables (electronic pdf files and 3 hard copies):

- Contractor's As-Built Record Drawings
- CM's As-Built Record Drawings

F. ASSUMPTIONS

- The use of the word “ensure” constitutes an expression of professional opinion regarding those facts or findings which are the subject of a certification and does not constitute a warranty or guarantee, either expressed or implied.
- The Construction Management Team does not supervise and direct the Work of the Contractor. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work under the Contract, unless Contract Documents give other specific instructions concerning these matters.
- The Contractor shall be solely responsible for site safety.
- The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Construction Management Team in the Construction Management Team's administration of the Contract, or by tests, inspections, or approvals required or performed by persons other than the Contractor.
- The bid review task assumes GWA receives bids from up to three (3) contractors.
- Round-trip mileage from GHD's office in Tamuning to the Ugum Water Treatment Plant is 30 miles.
- The construction services duration is 455 calendar days from Notice to Proceed to Substantial Completion, which is 325 weekdays excluding GWA observed holidays.
- For budgeting purposes, a total of 60 calendar days or 43 weekdays is assumed for post-construction phase services at a half-time rate for the primary CM team.
- GWA observes 12 holidays each calendar year.
- All QA inspection and testing services are on a time-and-expense basis.
- An allowance of \$20,000 is included for Task 21 GWA equipment purchases.
- An allowance of \$20,000 is included in Task 18 for electrical QA testing.
- The rehabilitation of the Ugum No. 1 steel reservoir is not included in the construction contract and will be managed as a construction change order. The associated CM and inspection services are not included in this Scope of Work. The rehabilitation design is not part of the bid package, and the engineer preparing the rehabilitation design is expected perform the special inspections and testing.
- An allowance of \$18,513 is included in the fee proposal for the Procore Construction Management Software license. This amount is based on GHD's corporate Procore pricing agreement (\$1,020 per \$1M construction value), an estimated construction cost of \$15,000,000 and includes a 10% contingency.

Attachment 1



GHD - PROJECT FEE ESTIMATING SHEET

Project Name: CM Services for Ugum No. 2 Reservoir
 Prepared by: Matt Kennedy
 Reviewed by: Andrew Kasunich
 Job Number: 12603142.PP

Client: Guam Waterworks Authority
 Date: April 19, 2023

TASK	LABOR CATEGORY > RATE >	LABOR COSTS									FEE COMPUTATION							
		Principal \$310.00 /Hr	CM/RE \$195.00 /Hr	Field Engr/ Inspector \$140.00 /Hr	Civil Engineer \$170.00 /Hr	Elec/SCAD Engr \$215.00 /Hr	Mech Engr \$215.00 /Hr	Structural Engr \$205.00 /Hr	CAD Tech \$120.00 /Hr	Project Admin \$85.00 /Hr	TOTAL HOURS	OTHER DIRECT COSTS (1)	GHD FULLY BURDENED LABOR COSTS	SUB QA Geotech/Testing ENGEO	SUB QA Elec/SCADA SET Electric	SUB QA Survey DCA	TOTAL SUB FEES	TOTAL SUB FEES W/MARKUP 10%
Task 1 Pre-Construction Phase Services																		
1.1 CM Quality Assurance (Task 1)	2	8	8						4	22	\$0.00	\$3,640.00				\$0.00	\$0.00	\$3,640.00
1.2 CM Plan (Task 2)	2	16	16						16	50	\$0.00	\$7,340.00				\$0.00	\$0.00	\$7,340.00
1.3 Contract Bidding (Task 3)	2	32	32						24	90	\$0.00	\$13,380.00				\$0.00	\$0.00	\$13,380.00
Subtotal Task 1	6	56	56	0	0	0	0	0	44	162	\$0.00	\$24,360.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,360.00
Task 2 Construction Phase Services																		
2.1 Construction Phase Services (Tasks 1-13, 16, 19, 20)		2504	2504					40	2544	7592	\$68,864.23	\$1,059,880.00				\$0.00	\$0.00	\$1,128,744.23
2.2 Special Inspection and QC Monitoring (Task 14)				40	80	80	80			280	\$0.00	\$57,600.00				\$0.00	\$0.00	\$57,600.00
2.3 QA Materials Testing & Geotech (Task 15)										0	\$0.00	\$0.00	\$90,100.25	\$0.00	\$0.00	\$90,100.25	\$99,110.28	\$99,110.28
2.4 Construction QA Survey (Task 17)										0	\$0.00	\$0.00		\$37,500.00	\$37,500.00	\$41,250.00	\$41,250.00	
2.5 QA Electrical Inspection & Testing (Task 18)										0	\$0.00	\$0.00	\$48,400.00	\$0.00	\$48,400.00	\$53,240.00	\$53,240.00	
2.6 Equipment Purchase (Task 21)										0	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	
Subtotal Task 2	0	2504	2504	40	80	80	80	40	2544	7872	\$68,864.23	\$1,117,480.00	\$90,100.25	\$48,400.00	\$37,500.00	\$176,000.25	\$193,600.28	\$1,379,944.50
Task 3 Post-Construction Phase Services																		
3.1 Final Report (Task 1)	2	40	40						40	122	\$0.00	\$17,420.00				\$0.00	\$0.00	\$17,420.00
3.2 Record Drawings (Task 2)	2	40	40						40	122	\$0.00	\$17,420.00				\$0.00	\$0.00	\$17,420.00
Subtotal Task 3	4	80	80	0	0	0	0	0	80	244	\$0.00	\$34,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34,840.00
PROJECT TASK SUBTOTALS	10	2,640	2,640	40	80	80	80	40	2,668	8,278	\$68,865.00	\$1,176,680.00	\$90,100.25	\$48,400.00	\$37,500.00	\$176,000.25	\$193,600.28	\$1,439,145.00
GRT(5.25%)																		\$75,556.00
PROJECT TOTAL																		\$1,514,701.00

(1) OTHER DIRECT COSTS include telephone, vehicle mileage, CM software, video, printing, reproduction, equipment purchases, and other miscellaneous direct expenses.

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY	
Project Name: Ugum Reservoir No. 2 CM Services	Attachment: 2
GHD Project Number: 12603142.PP	of: 3
Description: Ugum Reservoir No. 2	Checked By:
Prepared by: Matt Kennedy	Date: 4/19/2023
 QA SURVEY ESTIMATE	
<u>Under Tank Piping:</u>	<u>Quantity</u>
Inlet Piping & Top of Flange	\$1,000
Outlet Piping & Top of Flange	\$1,000
Over-Flow Piping & Top of Flange	\$1,000
Drain Line Piping & Top of Flange	\$1,000
Wash Down Piping	\$1,000
Ring Drain, High Points and Outlets	\$1,000
 <u>Over Excavation:</u>	
Bottom of Over Excavation	\$1,000
Top of Fine Aggregate	\$1,000
Top of Drain Rock	\$1,000
 <u>Tank Foundation:</u>	
Top of Formwork	\$1,000
Top of Concrete Foundation	\$1,000
 <u>Vaults:</u>	
Top inlet vault footing formwork	\$1,000
Top inlet vault roof slab formwork	\$1,000
Top outlet vault footing formwork	\$1,000
Top outlet vault roof slab formwork	\$1,000
Top drain vault footing formwork	\$1,000
Top drain vault roof slab formwork	\$1,000
Top electrical hand hold	\$1,000
Top communication hand hold	\$1,000

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY		
Project Name: Ugum Reservoir No. 2 CM Services	Attachment:	2
GHD Project Number: 12603142.PP	of:	3
Description: Ugum Reservoir No. 2	Checked By:	
Prepared by: Matt Kennedy	Date:	4/19/2023
<u>Pavement:</u>		
Ribbon gutter formwork		\$1,000
Pavement formwork		\$1,000
<u>Water Line:</u>		
Invert of newly installed pipe		\$1,000
Location of fittings		\$1,000
Utility nodes, such as vertical and horizontal bends in pi		\$1,000
Exposed utilities		\$1,000
New chambers, manholes, vaults, or structures		\$1,000
<u>Electrical:</u>		
Top of conduit		\$2,000
Handholds and other electrical vaults		\$1,000
<u>Benchmarks:</u>		
Establish bench marks on the top of all vaults, top of footing at water height gauge, overflow, drain, and outlet.		\$1,000
Contingency	25%	\$7,500
TOTAL QA SURVEY ESTIMATED BUDGET		\$37,500
	<u>Rate</u>	
PLS Rate:	\$126	/hr
3-Man Crew Rate:	\$200	/hr
Drafting Rate:	\$74	/hr
Assumptions: Each survey site visit requires 4 hours for crew, 1 hour for drafting, and 1 hour for PLS (budgeting purposes).		
Site Visit Rate = \$1,000		

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY			
Project Name: Ugum Reservoir No. 2 CM Services	Attachment:	2	
GHD Project Number: 12603142.PP	of:	3	
Description: Ugum Reservoir No. 2	Checked By:		
Prepared by: Matt Kennedy	Date:	4/19/2023	
QA MATERIAL TESTING ESTIMATE			
Material Laboratory Testing:			
<u>Procotor & Sieve Analysis:</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Cost</u>
Subgrade	\$565.00	1	\$565.00
Limestone	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
		Contingency 25%	\$423.75
		TOTAL ESTIMATED BUDGET:	\$2,118.75
Compaction Testing:			
<u>Over-Excavation:</u>			
Base course	\$565.00	1	\$565.00
Limestone	\$565.00	1	\$565.00
<u>Control Room</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
Limestone	\$565.00	1	\$565.00
<u>Ponding Basin Access Road</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
<u>Off-Site Gravel Road</u>			
Subgrade	\$565.00	1	\$565.00
General Fill	\$565.00	1	\$565.00
<u>AC Pavement</u>			
Subgrade	\$565.00	1	\$565.00
Limestone	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
<u>Concrete Sidewalk</u>			
Subgrade	\$565.00	1	\$565.00
Structural Fill	\$565.00	1	\$565.00
Limestone	\$565.00	1	\$565.00
<u>Inlet/Outlet Vault</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
<u>Inlet Meter Vault</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY			
Project Name: Ugum Reservoir No. 2 CM Services		Attachment:	2
GHD Project Number: 12603142.PP		of:	3
Description: Ugum Reservoir No. 2		Checked By:	
Prepared by: Matt Kennedy		Date:	4/19/2023
<u>Drain/Overflow Manhole:</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
<u>Retaining Wall</u>			
Limestone	\$565.00	2	\$1,130.00
<u>Manhole</u>			
Subgrade	\$565.00	1	\$565.00
Base course	\$565.00	1	\$565.00
<u>Electrical Handhole (estimated)</u>			
Below Foundation	\$565.00	1	\$565.00
Contingency 25%			\$3,672.50
TOTAL ESTIMATED QA COMPACTION TESTING BUDGET:			\$18,362.50
Concrete & Pavement Testing:			
<u>Inlet/Outlet Vault:</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Cost</u>
Footing	\$480.00	1	\$480.00
Walls	\$480.00	1	\$480.00
Roof Slab	\$480.00	1	\$480.00
<u>Inlet Meter Vault:</u>			
Footing	\$480.00	1	\$480.00
Walls	\$480.00	1	\$480.00
Roof Slab	\$480.00	1	\$480.00
<u>Drain/Overflow Manhole:</u>			
Footing	\$480.00	1	\$480.00
Walls	\$480.00	1	\$480.00
Roof Slab	\$480.00	1	\$480.00
<u>Outlet Check Valve Vault</u>			
Footing	\$480.00	1	\$480.00
Walls	\$480.00	1	\$480.00
Roof Slab	\$480.00	1	\$480.00

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY			
Project Name: Ugum Reservoir No. 2 CM Services		Attachment:	2
GHD Project Number: 12603142.PP		of:	3
Description: Ugum Reservoir No. 2		Checked By:	
Prepared by: Matt Kennedy		Date:	4/19/2023
<u>Control Room</u>			
Footing	\$480.00	1	\$480.00
Walls	\$480.00	1	\$480.00
Roof Slab	\$480.00	1	\$480.00
<u>Encasement:</u>			
Inlet Piping	\$480.00	1	\$480.00
Outlet Piping	\$480.00	1	\$480.00
Over-Flow Piping	\$480.00	1	\$480.00
Drain Line Piping	\$480.00	1	\$480.00
Wash Down Piping	\$480.00	1	\$480.00
Electrical & Communications Ducts	\$480.00	1	\$480.00
Electrical & Communications Hand hole			
<u>Pavement:</u>			
Pavement	\$480.00	1	\$480.00
<u>Retaining Wall</u>			
Footing	\$480.00	2	\$960.00
<u>Fencing</u>			
Posts	\$480.00	1	\$480.00
<u>Water Tank:</u>			
Foundation	\$480.00	1	\$480.00
Core Walls	\$480.00	2	\$960.00
Columns	\$480.00	2	\$960.00
Column Footings	\$480.00	2	\$960.00
Roof Slab	\$480.00	2	\$960.00
Shotcrete	\$720.00	2	\$1,440.00
		<u>79</u>	
		Contingency 10%	\$1,776.00
TOTAL CONCRETE & PAVEMENT ESTIMATED BUDGET:			\$19,536.00
<u>DESCRIPTION OF TESTS:</u>			
Compressive Strength of Cylindrical Concrete Specimens (5 at \$60.00 ea.):			\$300.00
Air Content of Freshly Mixed Concrete by the Pressure/Volumetric Method, per test:			\$60.00
Unit Weight and Yield of Fresh Concrete, each:			\$60.00
Slump Test & Making Concrete Specimens in the field (2.5 Hours of Labor):			\$60.00
SUBTOTAL:			\$480.00

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY				
Project Name: Ugum Reservoir No. 2 CM Services		Attachment: 2		
GHD Project Number: 12603142.PP		of: 3		
Description: Ugum Reservoir No. 2		Checked By:		
Prepared by: Matt Kennedy		Date: 4/19/2023		
QA GEOTECHNICAL SPECIAL INSPECTIONS				
Special Inspections:				
<u>Site Geotechnical QA</u>				
Pile Installation (Staff Engineer)	Units	Quantity	Rate	Total
	hours	90	\$205	\$18,450
Periodic Site Visits (Sr. Geotech Engineer)	hours	54	\$265	\$14,310
		144		\$32,760
<u>Outlet Meter Vault:</u>				
Footing	hours	2	\$205	\$410
Walls	hours	2	\$205	\$410
Roof Slab	hours	2	\$205	\$410
<u>Inlet Meter Vault:</u>				
Footing	hours	2	\$205	\$410
Walls	hours	2	\$205	\$410
Roof Slab	hours	2	\$205	\$410
<u>Drain/Overflow Manhole:</u>				
Footing	hours	2	\$205	\$410
Walls	hours	2	\$205	\$410
Roof Slab	hours	2	\$205	\$410
<u>Encasement:</u>				
Inlet Piping	hours	2	\$205	\$210
Outlet Piping	hours	2	\$205	\$210
Over-Flow Piping	hours	2	\$205	\$210
Drain Line Piping	hours	2	\$205	\$210
Wash Down Piping	hours	2	\$205	\$210
Electrical & Communications Ducts	hours	2	\$205	\$210
<u>Control Room</u>				
Footing	hours	2	\$205	\$210
Walls	hours	2	\$205	\$210
<u>Pavement:</u>				
Pavement	hours	2	\$205	\$420
<u>Retaining Wall</u>				
Footing	hours	2	\$205	\$210
Walls	hours	2	\$205	\$210

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY				
Project Name: Ugum Reservoir No. 2 CM Services			Attachment:	2
GHD Project Number: 12603142.PP			of:	3
Description: Ugum Reservoir No. 2			Checked By:	
Prepared by: Matt Kennedy			Date:	4/19/2023
<u>Water Tank:</u>				
Foundation	hours	4	\$205	\$820
Corewalls	hours	4	\$205	\$820
Columns	hours	4	\$205	\$820
Column Footings	hours	4	\$205	\$820
Roof Slab	hours	4	\$205	\$820
Shotcrete	hours	4	\$205	\$820
Vertical Post-tensioning	hours	4	\$205	\$820
Circumferential Pre-stressing	hours	4	\$205	\$820
		72		\$12,770
			SUBTOTAL:	\$45,530.00
			Contingency 10%	\$4,553.00
TOTAL ESTIMATED QA GEOTECH SPECIAL INSPECTIONS BUDGET:				\$50,083.00

GHD - PROJECT ESTIMATING SHEET - GHD QA SERVICES SUMMARY				
Project Name: Ugum Reservoir No. 2 CM Services			Attachment:	2
GHD Project Number: 12603142.PP			of:	3
Description: Ugum Reservoir No. 2			Checked By:	
Prepared by: Matt Kennedy			Date:	4/19/2023
QA ELECTRICAL SPECIAL INSPECTIONS & TESTING				
<u>Electrical QA Inspections</u>	<u>Units</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
Site	hours	80	\$150	\$12,000
Buildings	hours	80	\$150	\$12,000
		160		\$24,000
<u>Electrical QA Testing Allowance</u>	<u>Units</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
General Allowance	T/M	1	\$20,000	\$20,000
		1		\$20,000
			SUBTOTAL:	\$44,000.00
			Contingency 10%	\$4,400.00
TOTAL ESTIMATED QA ELECTRICAL SPECIAL INSPECTIONS & TESTING BUDGET:				\$48,400.00
TOTAL QA INSPECTION AND TESTING BUDGET:				\$176,000.25



Project Name: CM Services for Ugum No. 2 Reservoir
 Prepared by: Matt Kennedy
 Reviewed by: Andrew Kasunich
 Job Number: 12603142.PP

Task/Item	USB	Mylar 24x36	11x17	8.5x11	Quantity	Vehicle	Video	Procure	PPE	Potholing	Other	Equipment	Total
1.1 CM Quality Assurance (Task 1)													\$0.00
1.2 CM Plan (Task 2)													\$0.00
1.3 Contract Bidding (Task 3)													\$0.00
2.1 Construction Phase Services (Tasks 1-13, 16, 19, 20)						\$30,444.73	\$9,900.00	\$27,769.50	\$750.00				\$68,864.23
2.2 Special Inspection and QC Monitoring (Task 14)													\$0.00
2.3 QA Materials Testing & Geotech (Task 15)													\$0.00
2.4 Constructon QA Survey (Task 17)													\$0.00
2.5 QA Electrical Inspection & Testing (Task 18)													\$0.00
2.6 Equipment Purchase (Task 21)													\$0.00
3.1 Final Report (Task 1)													\$0.00
3.2 Record Drawings (Task 2)													\$0.00
TOTAL OTHER DIRECT COSTS													\$68,864.23



GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution 28-FY2023

Relative to Approval of Series 2020A Bond Proceeds Reallocation

What is the projects' objective and is it necessary and urgent?

There are 2 objectives for the bond reallocation.

The first objective of the bond proceeds reallocation is to allocate additional funding for the remaining court ordered water tank projects, which includes new tank and major repair construction. Construction costs are significantly higher than originally estimated during the development of the 2018 Water Resources Master Plan and funding must be identified so that the projects can be obligated and completed as soon as possible to address Court Order requirements.

The second objective of the bond proceeds reallocation is to allocate funding to address a new priority CIP, specifically the inspection and design of water and sewer lines at bridge crossings. Inspections of the utilities are critical to prevent future failures, such as the Pago Bay Bridge waterline failure in May 2022.

Where is the project located?

The reallocated funding will be applied to several locations island-wide.

How much will it cost?

While there is no additional cost proposed over previously approved 2020A bond expenditures, GWA management seeks to reallocate \$11,893,376.94 of the 2020A Bond proceeds, from projects for which have already been completed, can use recently increased grant-funding, or can be deferred and for which funds are not immediately needed. It is the intent that these projects from which funding will be reallocated, will be funded from future bond proceeds and grant funding.

When will it be completed?

The remaining new reservoirs have received bids and are under review for award. The reallocation is necessary so that the funds can be certified for construction contracts.

The scope of work and fee for the bridge water and sewer line is included in a separate CCU resolution for approval, but fund reallocation is required so that funds can be certified for the contract.

What is the funding source?

Bond funds



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

GWA RESOLUTION NO. 28–FY2023
RELATIVE TO APPROVAL OF SERIES 2020A BOND PROCEEDS REALLOCATION

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

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

WHEREAS, in accordance with the 2011 U.S. District Court Order, GWA has completed most of the Court Order compliance requirements with respect to the Repair, Rehabilitation, Relocation or Replacement of water storage reservoirs/tanks as recommended in the hydraulic analysis of GWA’s water distribution system; and

WHEREAS, there remain additional tanks that are required to be replaced or rehabilitated to meet the requirements of the 2011 Court Order; and

WHEREAS, the last remaining new tank projects have been tendered and bids for construction have been received; subsequent finalization of construction contracts for these projects require fund certification; and

WHEREAS, the remaining tanks requiring rehabilitation and repair are being inspected and assessed to finalize the scope and cost for repair and rehabilitation projects; the projects will be authorized as required to meet the current Court Order requirements pending fund certification; and

GWA RESOLUTION NO. 28-FY2023

1 **WHEREAS**, as a result of global supply chain issues, increased demand in the local
2 construction market resulting from the military buildup, and other geopolitical impacts on the cost
3 of energy and materials, the cost of the construction and/or rehabilitation of GWA water tanks has
4 increased significantly since the development of the current Five-Year Capital Improvement
5 Program (CIP); and

6
7 **WHEREAS**, due to the economic impacts of COVID-19 on GWA’s revenues and the
8 delayed action on GWA’s Comprehensive Review & Update (CR&U) in Docket 19-08, GWA has
9 significantly less revenue-funded or internally funded capital improvement program (IFCIP) funds
10 that might be used to make up for increased construction costs; and

11
12 **WHEREAS**, GWA management has identified several non-Court Order projects in the
13 current CIP that can be deferred; and

14
15 **WHEREAS**, in addition to reallocating bond funds to the Court Order Tank projects,
16 GWA managements seeks to reallocate funding from various water line projects to perform newly
17 prioritized inspection and replacement design of water and sewer utilities crossing bridges to
18 prevent critical failures, such as the Pago Bay Bridge waterline failure; and

19
20 **WHEREAS**, GWA management seeks to reallocate Eleven Million, Eight Hundred
21 Ninety-Three Thousand, Three Hundred Seventy-Six Dollars and Ninety-Four Cents
22 (\$11,893,376.94) of the 2020A Bond proceeds from various deferred and grant funded CIP line
23 items to augment the CIP line items PW 09-11 “Water System Reservoirs 2005 Improvements”
24 and MP-PW-Pipe-12 “Rehabilitation and Replacement Program” (See Exhibit A) for the purposes
25 of covering the increased construction costs for the Court Order tank projects and funding the
26 water and sewer bridge utility inspections and design; and

27
28 **WHEREAS**, funding for these deferred CIP projects will need to be obtained through
29 future capital financing sources; and

30
31 //

GWA RESOLUTION NO. 28-FY2023

1 **WHEREAS**, the reallocation of the 2020A Bond as described above will likely cause the
2 CIP to need adjustment to reflect the required movement of funding. Such adjustment will be
3 included in the current and on-going Water Resource Master Plan 5-year review, which will also
4 allow for additional modification of CIP line items to reflect current developments with additional
5 compliance requirements, emerging water contaminants, changing grant fund allocations, and
6 changes to future bond borrowing for the CIP; and

7
8 **WHEREAS**, GWA management seeks CCU approval to petition the PUC for approval to
9 reallocate the 2020A bonds as indicated above.

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

- 13 1. The recitals set forth above hereby constitute the findings of the CCU.
- 14 2. The CCU finds that the justification for the bond reallocation for the Court Ordered
15 Water Tank Projects and bridge crossing utility line inspection-design project to be
16 acceptable.
- 17 3. The CCU hereby approves \$11,893,376.94 of 2020A Bond proceeds from various CIP
18 line items to be reallocated to the CIP line items PW 09-11 “Water System Reservoirs
19 2005 Improvements and MP-PW-Pipe-12 “Rehabilitation and Replacement Program”.
20 (Exhibit A).
- 21 4. The CCU further approves the management of GWA to complete documentation and
22 consultation necessary to petition and obtain PUC approval of the bond fund
23 reallocation as indicated herein.

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

26
27 **DULY AND REGULARLY ADOPTED**, this 30th day of May 2023.

28 Certified by:

Attested by:

29
30
31 _____
32 **JOSEPH T. DUENAS**
 Chairperson

PEDRO ROY MARTINEZ
Secretary

GWA RESOLUTION NO. 28-FY2023

SECRETARY’S CERTIFICATE

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

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

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

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Guam Waterworks Authority
 Bond Reallocation Schedule - CCU Resolution 28-FY2023

B2020A Bond Schedule and Reallocation						
CIP Number	CIP Name	Available Balance	Fund Reduction	Reallocated Funding	Adjusted Balance	Comment
MP-PW-Pipe-04	Hyundai Well Piping	\$ 500,000.00	\$ (500,000.00)		\$ -	Reallocate to MP-PW-Pipe-12
MP-PW-Pipe-05	Kaiser Zone Looping	\$ 400,000.00	\$ (400,000.00)		\$ -	Reallocate to MP-PW-Pipe-12
MP-PW-Pipe -13	2-Inch Pipe Replacement Program	\$ 3,330,000.00	\$ (3,130,000.00)		\$ 200,000.00	USEPA Grant Funded, Reallocate to PW 09-11
MP-PW-Pipe -15	PRV Rehab and Replacement	\$ 1,613,376.94	\$ (1,213,376.94)		\$ 400,000.00	USEPA Grant Funded, Reallocate to PW 09-11
MP-PW-Well-01	Well Rehabilitation Program	\$ 3,600,000.00	\$ (3,600,000.00)		\$ -	USEPA Grant Funded, Reallocate to PW 09-11
PW 09-02	Water Wells	\$ 3,458,085.00	\$ (3,050,000.00)		\$ 408,085.00	Deferred
Total Funding Reduction			\$ (11,893,376.94)			
Total Reallocation				\$ 11,893,376.94		
PW 09-11	Water Reservoir 2005 Improvements	\$ 51,291,040.55		\$ 10,993,376.94	\$ 62,284,417.49	Court Ordered Projects
MP-PW-Pipe-12	Rehabilitation and Replacement Program	\$ 980,401.00		\$ 900,000.00	\$ 1,880,401.00	Bridge Waterline/Sewerline Replacement Projects



GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

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

Tel: (671) 300-6846/7

Issues for Decision

Resolution No. 30-FY2023

Relative to Requesting Approval to Procure Engineering, Construction, and Project/Construction Management Services for Sewage Pump Station and Force Main Repair/Rehabilitation/Replacement

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

GWA has 82 sewage pump stations (SPSs) and approximately 43 miles of force main (FM) that need to be repaired, rehabilitated, or replaced to ensure continuity of wastewater service and to prevent discharges to the environment. The necessity of these improvements have been documented in the 2018 Water Resources Master Plan and are both necessary and urgent to address an anticipated Consent Decree or other enforcement action with the United States Environmental Protection Agency.

Engineering design and project/construction management services will be procured through indefinite delivery/indefinite quantity contracts. Construction services will be procured through multiple invitations for bids (IFBs), with each IFB covering multiple SPSs and FMs.

Where is the location?

Island-wide.

How much will it cost?

The 2018 Water Resources Master Plan Update estimated a cost of \$5,540,000 to rehabilitate ten SPSs (a cost of \$554,000 per SPS). The WRMP also estimated FM costs ranging from \$17,314,000 for FM rehabilitation to \$116,435,000 to replace FMs. However, construction costs since 2018 have greatly increased and are anticipated to exceed the 2018 cost estimates.

When will it be completed?

Thirty-three SPSs are anticipated to be completed within 10 years. The remaining SPSs will be scheduled to meet USEPA deadlines.

Approximately 11 miles of FMs are anticipated to be completed within 10 years. The remaining FM work will be scheduled to meet USEPA deadlines.

What is the funding source?

Bonds and grants

The RFP/BID responses (if applicable):

NA



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

GWA RESOLUTION NO. 30-FY2023

**RELATIVE TO REQUESTING APPROVAL TO PROCURE ENGINEERING,
CONSTRUCTION, AND PROJECT/CONSTRUCTION MANAGEMENT SERVICES
FOR SEWAGE PUMP STATION AND FORCE MAIN
REPAIR/REHABILITATION/REPLACEMENT**

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’s public wastewater collection/transmission system includes Eighty-two (82) sewage pump stations (SPS) and approximately Forty-Three (43) miles of force main (FM); and

WHEREAS, GWA’s 2018 Water Resources Master Plan Update (WRMPU) includes SPS condition assessments (see Exhibit A) identifying actions needed to ensure continuity of wastewater service; and

WHEREAS, most of GWA’s FMs were constructed from the 1960s to the 1990s, including asbestos cement pipe force mains, and are in need of repair, rehabilitation, or replacement in various locations island-wide, as identified in the WRMPU (see Exhibit B); and

WHEREAS, GWA endeavors to enter into contracts to repair, rehabilitate, or replace SPSs and FMs for the protection of human and environmental health, and in anticipation of a consent decree or other enforcement action with the United States Environmental Protection Agency (USEPA); and

1 **WHEREAS**, funding is available through bonds identified on the GWA Capital
2 Improvements Plan and grants; and

3
4 **WHEREAS**, GWA is seeking to advertise requests for proposals (RFPs) for experienced
5 and qualified SPS and FM designers to provide Indefinite Delivery–Indefinite Quantity (IDIQ)
6 engineering services; and

7
8 **WHEREAS**, GWA is seeking to advertise invitations for bid (IFB) for experienced and
9 qualified SPS and FM contractors to provide construction services while ensuring continuity of
10 sewer service to customers and minimizing adverse impacts to the island, with each IFB scope to
11 include multiple SPSs and FMs; and

12
13 **WHEREAS**, GWA is seeking to advertise RFPs for experienced and qualified
14 professionals to provide IDIQ project/construction management services to support SPS and FM
15 construction; and

16
17 **WHEREAS**, due to the number of SPSs and FMs, and in order to meet potential USEPA
18 compliance deadlines, multiple contracts per IDIQ procurement and construction procurement
19 will be considered; and

20
21 **WHEREAS**, the 2018 WRMPU estimated a cost of Five Million Five Hundred Forty
22 Thousand Dollars (\$5,540,000.00) to rehabilitate Ten (10) stations, correlating to Forty-Five
23 Million Four Hundred Twenty-Eight Thousand Dollars (\$45,428,000.00) to rehabilitate Eighty-
24 Two (82) stations (Appendix A); and

25
26 **WHEREAS**, the 2018 WRMPU estimated FM costs ranging from Seventeen Million
27 Three Hundred Fourteen Thousand Dollars (\$17,314,000.00) for FM rehabilitation to One
28 Hundred Sixteen Million Four Hundred Thirty-Five Thousand Dollars (\$116,435,000.00) to
29 replace FMs (Appendix B); and

30
31 //

1 **WHEREAS**, construction costs have greatly increased since 2018 due to supply chain
2 issues and actual costs are anticipated to exceed the WRMPU estimates; and

3
4 **WHEREAS**, the Public Utilities Commission (PUC) contract review protocol requires
5 GWA to obtain approval prior to advertising procurement for projects with an anticipated value
6 of One Million Dollars (\$1,000,000.00) or greater; and

7
8 **WHEREAS**, the CCU must approve all petitions to the PUC.

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

- 12 1. The recitals set forth above hereby constitute the findings of the CCU.
- 13 2. The CCU finds that procurement for engineering, construction, and
14 project/construction management services for the repair, rehabilitation, or
15 replacement of SPSs and FMs are necessary for the protection of human and
16 environmental health, and to meet the anticipated consent decree or other
17 enforcement action with the United States Environmental Protection Agency.
- 18 3. The CCU hereby authorizes management to submit a petition to the PUC for
19 the procurement of engineering, construction, and project/construction
20 management services for SPS and FM repair, rehabilitation, and replacement.

21
22 **RESOLVED**, that the Chairman certified, and the Board Secretary attests to the adoption
23 of this Resolution.

24
25 **DULY AND REGULARLY ADOPTED**, this 30th day of May 2023.

26
27 Certified by:

27 Attested by:

28
29 _____
30 **JOSEPH T. DUENAS**
31 Chairperson

28
29 _____
30 **PEDRO ROY MARTINEZ**
31 Secretary

SECRETARY’S CERTIFICATE

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

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

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

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EXHIBIT A

Table 6-2. Lift Station Condition Assessment																							
Station	Electrical				Health and Safety				Capacity		Building and Site				Station				Other				
	No Generator Present	Generator Needs Repair or Replacement	Control Systems, Alarms, or SCADA Problem	Other (including lighting)	Ventilation Needed	Railings Needed	Eye Wash Stations Needed	Gratings/Hatches Needed	Backup Pump(s) Needed	Under Capacity	General Building or Site Issue (e.g. painting, rustproofing, spalling)	Water Supply Needed	Road, Fencing, or Other Site Access Problem	Crane/ Lift Needed	New Station Needed	Entire Station Rehabilitation Needed	Wet Well Too Small	Is or Was Ejector Station, Upgrade Needed	Comminutor, Screen, or Grit Removal Needed	Flow Meter Needed	Piping and/or Valve Issues (e.g. needs painting or rusty)	Other Equipment Corrosion	Maintenance Difficult
Agat-Santa Rita Basin																							
Agat Challigan Taleyfac (Challigan)			X	X	X	X	X		X		X										X	X	
Pagachao			X	X		X	X		X				X										
Tipalao									X														
Baza Gardens Basin																							
Main Trunk Line			X	X					X		X	X									X		
Talofofo				X	X		X		X		X	X									X	X	
Hagåtña Basin																							
Alupang Cove				X		X		X	X		X		X										
Asan									X		X												
Barrigada									X														
Bayside				X					X		X												
Casamiro									X														
Chalan Pago PS 3						X			X														
Chalan Pago PS 5									X														
Commercial Port			X	X					X		X									X	X	X	
Dairy Road									X								X						
Hagåtña Main				X	X				X		X	X						X			X		
Harmon			X	X			X	X	X		X	X	X				X			X	X		
Leyang				X		X			X														
Maite				X					X		X						X				X		
Mamajanao							X		X		X			X							X		X
Mangilao				X					X									X	X		X		
Mongmong-Toto					X				X		X						X	X			X	X	
Namo Yona	X			X	X		X		X		X		X					X		X	X		
New Chaot			X						X				X						X		X		
Ordot						X			X												X		
Pago Double Shaft		X	X	X					X										X	X			
Paseo De Oro			X	X	X		X	X	X		X	X	X						X		X		
Piti			X	X					X	X					X								
Sinajana			X				X		X		X												



Table 6-2. Lift Station Condition Assessment																						
Station	Electrical				Health and Safety				Capacity		Building and Site				Station				Other			
	No Generator Present	Generator Needs Repair or Replacement	Control Systems, Alarms, or SCADA Problem	Other (including lighting)	Ventilation Needed	Railings Needed	Eye Wash Stations Needed	Gratings/Hatches Needed	Backup Pump(s) Needed	Under Capacity	General Building or Site Issue (e.g. painting, rustproofing, spalling)	Water Supply Needed	Road, Fencing, or Other Site Access Problem	Crane/ Lift Needed	New Station Needed	Entire Station Rehabilitation Needed	Wet Well Too Small	Is or Was Ejector Station, Upgrade Needed	Comminutor, Screen, or Grit Removal Needed	Flow Meter Needed	Piping and/or Valve Issues (e.g. needs painting or rusty)	Other Equipment Corrosion
Tai Mangilao					X				X	X									X	X		
Toto Garden		X						X	X													
Ypao			X	X	X			X	X	X				X	X		X					X
Inarajan Basin																						
Inarajan						X			X	X				X							X	
Inarajan Main						X	X		X					X							X	
Northern District Basin																						
Latte Heights Double Tree			X	X	X	X			X		X			X					X	X	X	
Latte Heights Submarine			X	X				X	X		X		X	X			X				X	X
Latte Plantation			X		X				X		X	X	X						X	X	X	
Machanao		X	X	X	X				X		X		X							X		
Pacific Latte		X	X	X					X		X		X	X						X	X	X
PGD			X	X	X				X				X							X		
Sunrise Villa			X						X				X	X			X		X	X	X	
Umatac-Merizo Basin																						
Ejector Station No. 2				X					X		X						X	X			X	
Ejector Station No. 3				X					X		X						X	X			X	
Ejector Station No. 5				X					X		X							X			X	
Ejector Station No. 6				X					X		X							X			X	
Ejector Station No. 7				X					X		X							X				
Pump Station No. 11						X			X		X										X	
Pump Station No. 12						X	X		X		X								X		X	
Pump Station No. 13				X			X	X	X		X										X	
Pump Station No. 14				X					X		X										X	
Pump Station No. 15				X					X		X	X									X	
Pump Station No. 16				X					X		X		X						X		X	
Pump Station No. 17				X					X		X										X	
Pump Station No. 18				X			X	X	X		X										X	
Reyes	X			X					X		X	X									X	



Lift Station Rehabilitation/Replacement Program			
Project Number	MP-WW-Pump-01	Basin	All
Description	Rehabilitate and replace lift stations based on the capacity and condition assessment risk analysis. Lift stations should be grouped into projects and GWA should put the projects out to bid to be fixed by a qualified contractor. The projects should include a contract every two years with lift stations selected based on current information for each project. This project includes adding minor features such as pump hoists, odor control, grit removal, etc. at existing pump stations. The first group of projects should include adding grit removal before the Route 16 lift station as a high priority rehabilitation project.		
Justification	The model identified capacity issues and GWA operations found deficiencies at lift stations during condition assessment site visits. Continuation of CIP Project WW 09-01.		
Proposed Schedule	Begin Design: 2020 (rehabilitation of 10 lift stations every 2 years)		
Cost Estimate	\$5.54M (assuming rehabilitation of 10 lift stations every 2 years)		
Reference Documents	See lift station prioritization list in WRMPU Volume 3, Section 6.2		

This proposed project is subject to change. Projects will generally include an engineering study, detailed design, and field verification to refine the exact project scope and budget. Costs are presented in 2017 dollars and do not account for increases due to inflation and escalation. See Volume 1, Appendix D for cost estimate assumptions.



EXHIBIT B

Table 5-5. Force Main Renewal Prioritization										
Force Main Lift Station	Basin	Diameter (inches)	Length (feet)	Material ^a	Installation Year	Failure Score (1 to 5)		Risk (1 to 100)	Full Replacement (1,000s of dollars) ^b	Targeted Rehabilitation/ Replacement (1,000s of dollars)
						Likelihood	Consequence			
Known Poor Condition										
Hagåtña Main	Hagåtña	24	2,724	Reinforced concrete	1965	Known issue	4.9		\$7,399 ^c	\$449
Asan	Hagåtña	12	2,993	Cast iron	1971	Known issue	2.8		\$2,327	\$347
High Priority (Likelihood >= 3, Consequence >= 3)										
Bayside	Hagåtña	6	646	ACP	1966	5.0	3.6	100	\$411	\$67
Pago Double Shaft	Hagåtña	8	2,474	ACP	1973	4.9	3.2	85	\$1,682	\$267
Mamajanao	Hagåtña	14	1,186	Unknown	1971	3.2	4.4	77	\$925	\$144
Barrigada	Hagåtña	14	6,078	ACP	1978	3.9	3.1	67	\$4,742	\$736
High Likelihood (Likelihood >= 3, Consequence < 3)										
Mangilao	Hagåtña	10	2,739	ACP	1974	4.5	2.8	68	\$1,989	\$301
Piti	Hagåtña	9.1	4,336	ACP	1971	4.5	2.6	64	\$3,148	\$476
Tai Mangilao	Hagåtña	8	1,618	ACP	Unknown	3.4	2.7	51	\$1,100	\$174
Pump Station No. 17	Umatac-Merizo	6	2,840	Ductile iron	1980	3.9	2.3	50	\$1,807	\$295
Paseo De Oro	Hagåtña	6	686	ACP	1967	5.0	1.8	49	\$436	\$71
Dairy Road	Hagåtña	6	3,616	Ductile iron	1983	3.1	2.5	42	\$2,301	\$376
Pump Station No. 16	Umatac-Merizo	6	1,095	Ductile Iron	1980	3.1	2.5	42	\$697	\$114
Maite	Hagåtña	4	393	Unknown	1971	3.2	1.7	29	\$250	\$41
Harmon	Hagåtña	6	2,260	Unknown	1972	3.2	1.5	26	\$1,438	\$235
Highly Critical (Likelihood < 3, Consequence >= 3)										



Table 5-5. Force Main Renewal Prioritization										
Force Main Lift Station	Basin	Diameter (inches)	Length (feet)	Material ^a	Installation Year	Failure Score (1 to 5)		Risk (1 to 100)	Full Replacement (1,000s of dollars) ^b	Targeted Rehabilitation/ Replacement (1,000s of dollars)
						Likelihood	Consequence			
Fujita	Tumon	18	7,154	Ductile iron	1992	3.0	3.7	62	\$6,365	\$982
Route 16	Northern District	30	5,741	Unknown	1989	2.1	5.0	59	\$7,768	\$1,126
Yigo	Northern District	16	3,077	Polyethylene	1973	2.8	3.5	54	\$2,559	\$394
Chaligan	Agat-Santa Rita	16	6,352	Ductile iron	1995	2.6	3.1	44	\$5,282	\$813
Ypao	Hagåtña	7.3	1,741	PVC	Unknown	1.7	3.9	37	\$1,184	\$188
Lower Priority (Likelihood < 3, Consequence < 3)										
Inarajan Main	Inarajan	8	3,893	Unknown	1984	2.7	2.9	42	\$2,646	\$419
Southern Link	Northern District	36	4,311	Ductile iron	1992	2.6	2.9	41	\$6,999	\$980
Inarajan	Inarajan	4	505	Unknown	1984	2.7	2.5	36	\$321	\$53
Commercial Port	Hagåtña	6	8,672	Cast Iron	2001	2.5	2.5	33	\$5,517	\$902
Pump Station No. 12	Umatac-Merizo	6	1,619	Unknown	Unknown	3.0	2.0	32	\$1,030	\$168
Pagachao	Agat-Santa Rita	4	27	Unknown	Unknown	2.1	2.6	30	\$17	\$3
Ejector Station No. 2	Umatac-Merizo	4	225	PVC	1980	2.2	2.5	30	\$143	\$23
Sinajana	Hagåtña	4	302	Cast iron	Unknown	3.0	1.8	30	\$192	\$31
Mongmong-Toto	Hagåtña	8	1,334	Polyethylene	1972	2.8	1.9	29	\$907	\$144
Toto Garden	Hagåtña	4	2,748	Unknown	1988	2.1	2.5	29	\$1,748	\$286
Pump Station No. 14	Umatac-Merizo	8	466	PVC	1980	2.2	2.2	28	\$317	\$50
Pump Station No. 15	Umatac-Merizo	8	1,687	PVC	1980	2.2	2.2	28	\$1,147	\$182
New Chaot	Hagåtña	20	2,319	PVC	1989	1.7	2.9	28	\$2,510	\$371



Table 5-5. Force Main Renewal Prioritization										
Force Main Lift Station	Basin	Diameter (inches)	Length (feet)	Material ^a	Installation Year	Failure Score (1 to 5)		Risk (1 to 100)	Full Replacement (1,000s of dollars) ^b	Targeted Rehabilitation/ Replacement (1,000s of dollars)
						Likelihood	Consequence			
Pump Station No. 11	Umatac-Merizo	6	1,249	Unknown	Unknown	2.1	2.3	27	\$795	\$130
Reyes	Umatac-Merizo	4	703	Unknown	1994	2.1	2.3	27	\$447	\$73
Gaan	Agat-Santa Rita	16	10,125	PVC	1995	1.7	2.9	27	\$8,420	\$1,295
Alupang Cove	Hagåtña	6	905	PVC	1991	1.7	2.8	26	\$576	\$94
Pump Station No. 18	Umatac-Merizo	6	1,575	PVC	1980	2.2	2.1	26	\$1,002	\$164
Ypaopao	Northern District	8	989	Unknown	Unknown	2.1	2.0	23	\$672	\$107
Ejector Station No. 5	Umatac-Merizo	4	188	Unknown	1980	2.7	1.5	22	\$120	\$20
Sunrise Villa	Northern District	3	1,571	Unknown	1981	2.7	1.5	22	\$1,000	\$163
Talofofu	Baza Gardens	10	8,849	PVC	1994	1.7	2.2	20	\$6,424	\$971
Macheche	Northern District	6	825	Unknown	Unknown	2.1	1.7	20	\$525	\$86
Latte Heights Submarine	Northern District	8	1,283	Unknown	Unknown	2.1	1.6	19	\$872	\$138
Machanaonao	Northern District	6	987	Polyethylene	1992	1.7	2.0	19	\$628	\$103
Tipalao	Agat-Santa Rita	16	11,076	PVC	1995	1.7	2.0	19	\$9,211	\$1,417
PGD	Northern District	6	4,569	PVC	Unknown	1.7	2.0	18	\$2,907	\$475
Santa Ana	Northern District	8	189	Unknown	Unknown	2.1	1.4	17	\$128	\$20
Casamiro	Hagåtña	8	263	Unknown	Unknown	2.1	1.4	17	\$179	\$28
Latte Heights Double Tree	Northern District	12	1,424	Unknown	Unknown	2.1	1.4	17	\$1,107	\$165
Namo Yona	Hagåtña	8	317	Unknown	Unknown	2.1	1.4	17	\$215	\$34
Astumbo No. 1	Northern District	8	109	PVC	1993	1.7	1.8	17	\$74	\$12



Table 5-5. Force Main Renewal Prioritization										
Force Main Lift Station	Basin	Diameter (inches)	Length (feet)	Material ^a	Installation Year	Failure Score (1 to 5)		Risk (1 to 100)	Full Replacement (1,000s of dollars) ^b	Targeted Rehabilitation/ Replacement (1,000s of dollars)
						Likelihood	Consequence			
Latte Plantation	Northern District	4	115	PVC	1982	2.2	1.3	16	\$73	\$12
Pacific Latte	Northern District	4	894	PVC	1986	2.2	1.3	16	\$569	\$93
Ordot	Hagåtña	4	1,291	PVC	1994	1.7	1.7	16	\$821	\$134
Chalan Pago PS 3	Hagåtña	10	1,045	Polyethylene	1992	1.7	1.6	15	\$759	\$115
Astumbo No. 2	Northern District	8	376	PVC	1993	1.7	1.4	14	\$256	\$41
Chalan Pago PS 5	Hagåtña	8	904	Polyethylene	1992	1.7	1.4	14	\$615	\$97
Main Trunk Line	Baza Gardens	4	573	PVC	1996	1.7	1.3	12	\$365	\$60
Leyang	Hagåtña	8	548	PVC	2004	1.2	1.6	10	\$373	\$59
Total			140,799						\$116,435	\$17,314

a. ACP = asbestos cement pipe

b. The replacement costs assume replacement due to condition at the same diameter. The costs may differ in other sections where the force mains are recommended for upsizing due to capacity.

c. The replacement cost is based on replacing the existing 24-inch with a new 42-inch pipeline. See the project description for project MP-WW-MP-04 in Section 11 for more details.





GUAM WATERWORKS AUTHORITY

“Better Water, Better Lives.”

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

Tel: (671) 300-6846/7

Issues for Decision

GWA Resolution 31-FY2023 and GPA Resolution FY2023-20

Relative to Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and the Guam Waterworks Authority

What is the projects' objective and is it necessary and urgent?

To secure the approval of the CCU for GPA and GWA to jointly solicit and invite proposals, through a competitive RFP, for temporary legal services to become the CCU, GPA, and GWA alternate, interim, and/or conflicts Counsel.

The scope of services shall include:

1. Perform legal research and prepare opinions, resolutions, and/or reports at the request of the CCU or the GPA or GWA GM's.
2. Advise the CCU, GPA and/or GWA from time to time on the laws of Guam and Guam Administrative Rules and Regulations and all laws and rules and regulations as they pertain to the business and affairs of the CCU, and GPA or GWA
3. Represent the CCU, GPA and/or GWA in connection with legal matters before the Legislature, Commission, Boards, and other agencies of the Territory of Guam
4. Represent the CCU, GPA and/or GWA in litigation concerning the affairs of the CCU, GPA and/or GWA;
5. Review or prepare contracts, leases, bid invitations, deeds, and other documents as may be requested from time to time by the CCU, GPA and/or GWA
6. Provide legal assistance and advice during any negotiations including but not limited to contractors and other business activities concerning the affairs of the CCU, GPA and/or GWA;
7. Perform any special legal service as requested by the CCU;

The RFP is urgent as the existing legal professional service agreement with Law Office of Vincent Leon Guerrero expired May 17, 2023.

Where is the project located?

The jurisdiction for the scope of services is for Guam.

How much will it cost?

TBD based on price proposals received; however, the average hourly cost for legal services can range from \$250 per hour up to \$400-\$450 per hour.

The most recent legal services contract was negotiated at \$250 per hour; and, the specific amounts billed over the last five-year period include:

\$0	2018
\$37,031	2019
\$248,050	2020
\$75,162	2021
\$730,237	2022
\$172,660	2023

GWA Res. 31-FY2023 and GPA Res. FY2023-20

Relative to Approving the Procurement of Conflict(s) and Assistant Legal Counsel(s) for the CCU, Guam Power Authority and the Guam Waterworks Authority

Page 2

When will it be completed?

The procurement is expected to be advertised in June and completed in July or August.

What is the funding source?

GPA and GWA revenues.



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

GWA RESOLUTION NO. 31-FY2023
GPA RESOLUTION NO. FY2023-20

RELATIVE TO APPROVING THE PROCUREMENT OF CONFLICT(S) AND ASSISTANT LEGAL COUNSEL(S) FOR THE CCU, GUAM POWER AUTHORITY AND THE GUAM WATER AUTHORITY

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 Power Authority ("GPA") and the Guam Waterworks Authority ("GWA"); and

WHEREAS, the GPA and GWA (both hereinafter referred to as "GPWA") are Guam Public Corporations established and existing under the laws of Guam; and

WHEREAS, pursuant to the enabling laws of GPA at 12 G.C.A §8112 (a) and (d) and GWA at 12 G.C.A. §14109 (a) and (c) the CCU has broad authority to hire and appoint an attorney and any assistants who shall serve at the pleasure of the Board and who shall advise the Board and the General Manager's of the respective utilities on all legal matters to which the utilities are a party or are legally interested; and

WHEREAS, the use of the word "appoint" provides the CCU authority to choose a legal counsel based on any criteria established by the Board; and

WHEREAS, the CCU has a longstanding policy of receiving the majority of its legal services through the use of in-house attorneys, however, the CCU has found that from time-to-time in order to accommodate vacations, deployments, conflicts of interest, increased workloads, and specialized practices it has become necessary to retain an alternate attorney to serve as an alternate, interim, or conflicts Counsel; and

//

1 **WHEREAS**, notwithstanding the Authority of the CCU to “appoint” a counsel and any
2 assistants, the CCU has chosen to select its alternate, interim, or conflicts Counsel through a
3 competitive procurement process which maximizes competition in the selection process; and
4

5 **WHEREAS**, the most recent professional services agreement with Law Office of
6 Vincent Leon Guerrero expired May 17, 2023, and both GPA and GWA intend to issue a joint
7 Request for Proposals, on behalf of the CCU, to contract an alternate, interim, and conflicts
8 Counsel pursuant to the Guam Procurement Regulations as soon as is practicable; and
9

10 **WHEREAS**, the Request for Proposals shall solicit and invite proposals for temporary
11 legal services from individual attorneys and firms to become the CCU’s and the GPA and
12 GWA’s alternate, interim, and/or conflicts Counsel; and
13

14 **WHEREAS**, the RFP shall include the intent of the CCU, GPA, and GWA to contract its
15 alternate, interim, and/or conflicts Counsel(s) for a three-year term with two one-year options to
16 extend; and
17

18 **WHEREAS**, both the procurement and the contract of the CCU’s alternate, interim, and
19 conflicts counsel shall be reviewed by the Office of the Attorney General pursuant to 5 G.C.A.
20 §5150, if applicable, and 5 G.C.A. §5121 (b) and *GIAA v. Moylan*, 2005 Guam 5, requiring that
21 no contract for the services of legal counsel shall be executed without the approval of the
22 Attorney General “as to legality and form”; and
23

24 **NOW THEREFORE BE IT RESOLVED**; by the Consolidated Commission on
25 Utilities, it does hereby approve and authorize the following:

- 26 1. The General Managers of the Guam Power Authority and the Guam Waterworks
27 Authority are hereby authorized to issue an RFP for professional legal services for
28 the CCU, GWA, and GPA to serve in the capacity as alternate, interim, and/or
29 conflicts Counsel.
- 30 2. The proposed contract resulting from the RFP requires compliance with all Guam
31 Procurement Laws and final CCU approval.

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

DULY AND REGULARLY ADOPTED, this 30th day of May, 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS

PEDRO ROY MARTINEZ

Chairperson

Secretary

SECRETARY’S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

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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) 300-6846/7

Issues for Decision

Resolution No. 33- FY2023

Relative to Approving the Guam Waterworks Authority Annual Fiscal Year 2023 True-Up and Fiscal Year 2024 Budget

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

The Guam Public Utilities Commission (PUC) in its September 22, 2022, Rate Decision approved 5.5% increases for non-lifeline rates of 5.5% in both FY2023 and FY2024. The order required a June 1, 2023 True-Up to reflect actual and projected FY2023 performance, and present FY2024 budget.

This resolution requests the Guam Consolidated Commission on Utilities (CCU) to affirm the FY2023 True-Up and approve the FY2024 Budget for transmittal to the PUC by the deadline.

Where is the location?

The FY2023 True-Up and the FY2024 Budget is applicable to Guam Waterworks Authority.

How much will it cost?

The Fiscal Year 2024 Proposed Budget is \$137.6 million and \$108.1 million in operating revenues and expenses, respectively, and is based on a 1.35x debt service coverage, replenishment of reserves at \$7.5 million and \$8.8 million in internally funded capital projects.

In order to cover projected expenses and meet a 1.35x debt service coverage, a 27% increase is recommended across all rate structures and customer classes. A 3.8% legislative surcharge is recommended to cover expenses related to retirees.

Account growth for most accounts in FY2024 is projected to be flat while residential accounts are projected to grow at 0.67% and Commercial 1 accounts are projected to grow between 0.25% and 1.0%. Based on GWA's recommended 27.0% rate increase, a corresponding decrease in residential demand per account of 2.4% and a non-residential decrease of 3.6% in FY 2024 is projected.

When will it be completed?

The FY2023 True-Up and the FY2024 Budget is due to the PUC on June 1, 2023, and is applicable to FY2023 and FY2024.

What is the funding source?

Water and Waste-Water Revenues are the funding source for the FY2023 True-Up and the FY2024 Budget

The RFP/BID responses (if applicable):

Not applicable.



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

GWA RESOLUTION NO. 33-FY2023

**RELATIVE TO APPROVING THE GUAM WATERWORKS AUTHORITY ANNUAL
FISCAL YEAR 2023 TRUE-UP AND FISCAL YEAR 2024 BUDGET**

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, FY2024 is the fifth (5th) and final year of GWA’s Five (5) Year FY2020-FY2024 Rate Plan approved by the CCU on June 5, 2019, in GWA Resolution 36-FY2019; and

WHEREAS, GWA petitioned the PUC for approval of the FY2020-FY2024 Rate Plan on July 6, 2019, and, in response, the Guam Public Utilities Commission (PUC) on February 27, 2020, issued the FY20 Rate Decision in GWA Docket 19-08 approving rate increases for non-lifeline rates in the amount of 5.0% for FY2020 effective March 2020 and 5.0% for FY2021; and

WHEREAS, the PUC, in the February 27, 2020, order, required GWA to conduct six analytical studies to be submitted on March 31, 2021, as well as a Comprehensive Review and Update (CRU) of GWA’s Financial Plan, informed by the analytical studies, for FY2022 through FY2024 by May 1, 2021; and

WHEREAS, GWA submitted the analytical studies by the March 31, 2021, deadline to the PUC; and

WHEREAS, the CCU on April 27, 2021, in GWA Resolution 18-FY2021 approved the CRU which GWA subsequently filed with the PUC on May 1, 2021; and

1 **WHEREAS**, the PUC did not act upon GWA’s May 2021 CRU filing prior to the
2 beginning of FY 2022 and no rate increase was adopted for FY 2022; and

3
4 **WHEREAS**, the PUC on September 22, 2022, in GWA PUC Docket 19-08 Rate
5 Decision approved basic and non-lifeline 5.5% rate increases for FY2023 and for FY2024; and

6
7 **WHEREAS**, the PUC Rate Decision required a True Up projection to address the
8 FY2024 rate increase to be provided by June 1, 2023; and

9
10 **WHEREAS**, on April 3, 2023, as amended on April 4, 2023, GWA submitted a petition
11 to the PUC to *Approve a New Rate Design Structure* as proposed in GWA PUC Docket 19-08
12 which adds an additional tier to residential water rates, adds a base rate to non-residential sewer
13 charges, reduces the residential sewer base rate and establishes volumetric sewer rates for
14 residential customers, applies the legislative surcharge to all rate components; and

15
16 **WHEREAS**, based on the tentative schedule for action on the rate design, the petition
17 was amended to request the approval of the new rate design for use in the FY2025-FY2029
18 Financial Rate Plan, with the FY2024 revenue projections and corresponding true-up rate
19 adjustment request based on the current rate design; and

20
21 **WHEREAS**, GWA anticipates exhausting all rate stabilization reserves and the ARPA
22 allotment in the current fiscal year (FY 2023); and

23
24 **WHEREAS**, GWA’s debt service on existing debt increased by \$5.6 million in FY 2023
25 and is scheduled to remain at \$39.0 million in FY2024; and

26
27 **WHEREAS**, GWA Management has formulated and thoroughly reviewed the Fiscal
28 Year 2023 (FY2023) projected year end results in conjunction with the development of
29 Management’s proposed FY2024 budget and does hereby submit said budget to the CCU for
30 their approval; and

31 //

1 **WHEREAS**, rate increases are necessary to maintain financial stability, partially
2 replenish reserves, and meet GWA’s obligatory requirements such as bond debt covenants; and

3
4 **WHEREAS**, the proposed rate increase is anticipated to generate an additional \$28.8
5 million in rate revenues which is necessary to meet increased O&M expense and debt service
6 (increasing by \$5.6 million in FY2023); and

7
8 **WHEREAS**, the impact of the proposed rate increases (including surcharge adjustments)
9 on a typical residential customer is in the range of \$18.98 - \$26.07 or 27.3% for an average
10 residential customer consuming between 5k - 7k gallons of water per month; non-residential
11 customers such as hotel and retail customers will also see a 27.4% increase as reflected in True-
12 Up Schedule L attached herein; and

13
14 **WHEREAS**, the foremost and principal cost driver for this year’s true-up filing is
15 GWA’s obligatory requirement for protecting public health and environment impacted by
16 inflationary and supply chain pressures; and

17
18 **WHEREAS**, GWA’s financial resources and stability have been affected by the delay
19 and reduction of requested rate increases over this five-year period, FY2020-FY2024; and

20
21 **WHEREAS**, GWA will return to the bond market to raise funds to pay for the capital
22 investments to meet regulatory requirements and manage aging infrastructure assets, thus
23 requiring increases to existing debt service levels; and

24
25 **WHEREAS**, after careful analysis of recent and new developments since the
26 preceding CRU, including known and measurable changes in costs and conditions since the CRU
27 approval, the FY2024 budget projection recommended by Management for approval by the CCU
28 proposes a rate increase of 27% for basic, lifeline and non-lifeline rates across all rate structures
29 and customerclasses, and an increase of the legislative surcharge from 3.5% to 3.8%; and

30
31 //

1 **WHEREAS**, operating revenues are projected to reach \$137.6 million in FY2024 derived
2 from approximately \$86.6 million in water sales, \$39.3 million in wastewater and \$8.0 million in
3 Navy wastewater service charges, \$4.2 million from water and wastewater legislative surcharges;
4 \$474 thousand in Other revenues and \$1.2 million in water and wastewater System Development
5 Charges – net of \$2.3 million in bad debt adjustments; and

6
7 **WHEREAS**, operating costs representing cash uses are earmarked at \$29.7 million in
8 salaries and benefits (exclusive of a \$3.7 million capitalized labor adjustment); \$24.2 million in
9 power costs; \$5.9 million in water purchases; \$9.7 million in administrative and general
10 expenses; \$7.5 million in contractual expenses; and \$3.8 million in retiree supplemental annuities
11 and health care for a combined Fiscal Year 2024 total of \$80.7 million; and

12
13 **WHEREAS**, FY2024 non-cash adjustments to GWA’s budget include depreciation
14 expense of \$28.8 million, capitalized labor of \$3.7 million, and bad debt expense of \$2.3 million
15 bringing the FY 2024 Operations and Maintenance Budget to \$108.1 million; and

16
17 **WHEREAS**, the budget as recommended, excluding interns and federally funded
18 positions, allows GWA a staff level of 392 full time equivalents (FTE) to meet operations and
19 maintenance and customer service mandates; and

20
21 **WHEREAS**, the FY2024 Budget represents management’s best estimates of resources
22 necessary to conduct its strategic objectives consistent with the Authority’s mission; and

23
24 **WHEREAS**, the FY2023 True Up and the FY2024 Budget have not been adjusted to
25 reflect the recent impact of Typhoon Mawar which devastated Guam on May 24, 2023 and while
26 not clear, the economic impact is likely to have a negative effect on the financial projections and
27 will need to be managed; and

28
29 **WHEREAS**, the FY2024 revenues support the debt service target of 1.35x coverage and
30 replenishment of \$7.5 million in cash reserves used during the pandemic related years; and

31 //

1 **WHEREAS**, critical internally funded capital improvement projects (CIPs) are
2 forecasted to cost \$8.8 million in FY2024; and

3
4 **WHEREAS**, budget transfer authority will allow the General Manager to address any
5 unanticipated changes in future conditions;

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

- 9 1. The recitals set forth above hereby constitute the findings of the CCU.
- 10 2. The CCU affirms management’s recommended rate increase of 27% across all
11 rate structures and customer classes and a 3.8% for the legislative surcharge
12 (Exhibit A).
- 13 3. The CCU finds that the Fiscal Year 2024 Proposed Budget of \$137.6 million
14 and \$108.1 million in operating revenues and expenses, respectively, in
15 addition to other cash flow requirements such as debt service, bond reserves,
16 working capital, internally funded CIPs, and bond covenants for the bond
17 indenture (1.25x DSC) and PUC (1.4x DSC temporarily reduced to 1.3x) are
18 just and reasonable.
- 19 4. The CCU authorizes a staff level of 392 full time equivalents, excluding
20 interns and federally funded positions.
- 21 5. The CCU hereby further authorizes the General Manager up to 10% transfer
22 authority between and among Operations & Maintenance budget expenses as
23 necessary to meet the mission of GWA; any transfers above 10% require CCU
24 approval.
- 25 6. The CCU authorizes management to submit the FY2023 True-Up and FY2024
26 Budget with the recommended rate increases to the PUC by the June 1, 2023,
27 deadline.

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

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DULY AND REGULARLY ADOPTED, this 30th day of May 2023.

Certified by:

Attested by:

JOSEPH T. DUENAS

Chairperson

PEDRO ROY MARTINEZ

Secretary

SECRETARY’S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

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EXHIBIT A

True-Up Schedule A-1

Historical and Forecasted Operating Results with FY 2024 Rate Adjustment Request

	Unaudited Historical Year	Annualized Current Year	Forecast Next Year
	FY 2022	FY 2023	FY 2024
Non-Lifeline Rate Increase	0.0%	5.5%	27.0%
Lifeline Rate Increase	0.0%	0.0%	27.0%
Surcharge	3.6%	3.5%	3.8%
CASH SOURCES			
Water Service Revenues	64,607,199	68,999,129	86,611,560
Legislative Surcharge	2,007,183	2,335,332	3,185,435
Water SDC Revenues	498,145	660,000	489,600
Water Rate Revenues	\$ 67,112,526	\$ 71,994,461	\$ 90,286,595
Wastewater Service Revenues	27,939,855	30,991,533	39,299,585
Legislative Surcharge	1,003,591	763,370	1,047,659
Navy Service Revenues (inc. surcharge)	5,902,821	6,244,199	7,995,558
Wastewater SDC Revenues	747,217	990,000	734,400
Wastewater Rate Revenues	\$ 35,593,485	\$ 38,989,103	\$ 49,077,202
Other Revenues	464,488	465,000	474,300
Bad Debt Adjustment	(2,028,510)	(2,118,815)	(2,262,236)
Total Operating Revenues¹	\$ 101,141,989	\$ 109,329,749	\$ 137,575,861
Interest / Investment Income	275,879	275,000	275,000
Rate Stabilization Fund Transfers In (Out)	5,750,000	18,050,000	(7,500,000)
TOTAL SOURCES	\$ 107,167,868	\$ 127,654,749	\$ 130,350,861
CASH USES			
Power Purchases ²	18,577,440	27,871,109	24,169,088
Water Purchases	5,656,471	6,379,054	5,900,000
Salaries & Benefits ³	24,985,288	25,874,595	29,732,853
Admin & General ⁴	7,956,423	9,179,209	9,687,858
Contractual Expense	4,492,845	5,901,271	7,464,494
Retiree Expense	7,439,742	3,755,617	3,755,617
O&M Subtotal	\$ 69,108,209	\$ 78,960,855	\$ 80,709,910
Debt Service	33,458,069	39,036,678	39,042,065
Internally Funded Capital (IFCIP)	2,193,267	3,642,885	8,784,879
TOTAL USES	\$ 102,566,278	\$ 121,640,418	\$ 128,536,854
Net Annual Cash Flow	\$ 4,601,590	\$ 6,014,331	\$ 1,814,007
DEBT SERVICE COVERAGE			
Net Revenues	\$ 38,059,659	\$ 48,693,894	\$ 49,640,951
Adjustment, System Development Charges	(1,245,362)	(1,650,000)	(1,224,000)
Adjustment, Capitalized Labor	3,699,767	2,273,431	3,700,000
Adjustment, Other ⁵	3,303,593	673,200	729,706
Net Revenues Available for Debt Service	\$ 43,817,657	\$ 49,990,525	\$ 52,846,657
Total Debt Service	\$ 33,458,069	\$ 39,036,678	\$ 39,042,065
Debt Service Coverage	1.310	1.281	1.354

1 - Reflects non-revenue water and non-revenue wastewater billing adjustments; includes leachate revenues

2 - FY 2024 estimate reflects Guam Power Authority's reduced LEAC; FY 2023 is CCU-approved budget amount

3 - Capitalized labor, which does not represent a cash impact, is not included in this calculation of annual net cash flow

4 - Excludes bad debt expense since this line item is included as an offset to rate revenues (see above)

5 - Includes retiree COLA and end-of-year pension and OPEB adjustments

True-Up Schedule A-2

Historical and Forecasted Operating Results without Use of Reserves or FY 2024 Rate Adjustment

	Unaudited Historical Year	Annualized Current Year	Forecast Next Year
	FY 2022	FY 2023	FY 2024
Non-Lifeline Rate Increase	0.0%	5.5%	0.0%
Lifeline Rate Increase	0.0%	0.0%	0.0%
CASH SOURCES			
Water Service Revenues	64,607,199	68,999,129	69,948,785
Legislative Surcharge	2,007,183	2,335,332	2,570,258
Water SDC Revenues	498,145	660,000	489,600
Water Rate Revenues	\$ 67,112,526	\$ 71,994,461	\$ 73,008,643
Wastewater Service Revenues	27,939,855	30,991,533	31,684,209
Legislative Surcharge	1,003,591	763,370	853,078
Navy Service Revenues (inc. surcharge)	5,902,821	6,244,199	6,293,610
Wastewater SDC Revenues	747,217	990,000	734,400
Wastewater Rate Revenues	\$ 35,593,485	\$ 38,989,103	\$ 39,565,297
Other Revenues	464,488	465,000	474,300
Bad Debt Adjustment	(2,028,510)	(2,118,815)	(2,569,000)
Total Operating Revenues¹	\$ 101,141,989	\$ 109,329,749	\$ 110,479,240
Interest / Investment Income	275,879	275,000	275,000
Rate Stabilization Fund Transfers In (Out)	-	-	-
TOTAL SOURCES	\$ 101,417,868	\$ 109,604,749	\$ 110,754,240
CASH USES			
Power Purchases ²	18,577,440	27,871,109	24,329,492
Water Purchases	5,656,471	6,379,054	5,900,000
Salaries & Benefits ³	24,985,288	25,874,595	29,732,853
Admin & General ⁴	7,956,423	9,179,209	9,687,858
Contractual Expense	4,492,845	5,901,271	7,464,494
Retiree Expense	7,439,742	3,755,617	3,755,617
O&M Subtotal	\$ 69,108,209	\$ 78,960,855	\$ 80,870,315
Debt Service	33,458,069	39,036,678	39,042,065
Internally Funded Capital (IFCIP)	2,193,267	3,642,885	8,784,879
TOTAL USES	\$ 104,759,545	\$ 121,640,418	\$ 128,697,259
Net Annual Cash Flow	\$ (3,341,677)	\$ (12,035,669)	\$ (17,943,019)
DEBT SERVICE COVERAGE			
Net Revenues	\$ 32,309,659	\$ 30,643,894	\$ 29,883,925
Adjustment, System Development Charges	(1,245,362)	(1,650,000)	(1,224,000)
Adjustment, Capitalized Labor	3,699,767	2,273,431	3,700,000
Adjustment, Other ⁵	3,303,593	673,200	729,706
Net Revenues Available for Debt Service	\$ 38,067,657	\$ 31,940,525	\$ 33,089,631
Total Debt Service	33,458,069	39,036,678	39,042,065
Debt Service Coverage	1.138	0.818	0.848

1 - Reflects non-revenue water and non-revenue wastewater billing adjustments; includes leachate revenues

2 - FY 2024 estimate reflects Guam Power Authority's reduced LEAC; FY 2023 is CCU-approved budget amount

3 - Capitalized labor, which does not represent a cash impact, is not included in this calculation of annual net cash flow

4 - Excludes bad debt expense since this line item is included as an offset to rate revenues (see above)

5 - Includes retiree COLA and end-of-year pension and OPEB adjustments

True-Up Schedule K

Rates and Proposed Rate Adjustments for the Forecast Year

	FY 2022	increase	FY 2023	increase	FY 2024
Proposed Rate Increase		5.5%		27.0%	
Water Rates					
Monthly Base Charge¹					
3/4 inch	\$24.87	\$1.37	\$26.24	\$7.09	\$33.33
1 inch	\$29.02	\$1.60	\$30.62	\$8.27	\$38.89
1.5 inch	\$45.54	\$2.50	\$48.04	\$12.98	\$61.02
2 inch	\$58.00	\$3.19	\$61.19	\$16.53	\$77.72
3 inch	\$103.60	\$5.70	\$109.30	\$29.52	\$138.82
4 inch	\$145.02	\$7.98	\$153.00	\$41.31	\$194.31
6 inch	\$269.31	\$14.81	\$284.12	\$76.72	\$360.84
8 inch	\$393.59	\$21.65	\$415.24	\$112.12	\$527.36
10 inch	\$538.63	\$29.62	\$568.25	\$153.43	\$721.68
12 inch	\$642.17	\$35.32	\$677.49	\$182.93	\$860.42
Volumetric Rates					
Residential					
Tier 1 Threshold	5 kgals		5 kgals		5 kgals
Tier 2 Threshold	above		above		above
Tier 1 Rate	\$3.01	\$0.00	\$3.01	\$0.82	\$3.83
Tier 2 Rate	\$11.83	\$0.66	\$12.49	\$3.38	\$15.87
Tier 3 Rate					
Non-Residential²					
Commercial-1	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Commercial-2	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Commercial-3	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Hotels	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Government	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Airport	\$14.72	\$0.81	\$15.53	\$4.20	\$19.73
Agriculture	\$4.73	\$0.26	\$4.99	\$1.35	\$6.34
Irrigation	\$4.89	\$0.27	\$5.16	\$1.40	\$6.56
Wastewater Rates					
Monthly Base Charge³					
3/4 inch	\$27.54	\$0.00	\$27.54	\$7.44	\$34.98
1 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.5 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12 inch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Volumetric Rates					
Residential	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commercial-1	\$8.11	\$0.45	\$8.56	\$2.32	\$10.88
Commercial-2	\$19.77	\$1.09	\$20.86	\$5.64	\$26.50
Commercial-3	\$27.42	\$1.50	\$28.92	\$7.81	\$36.73
Hotels	\$19.77	\$1.09	\$20.86	\$5.64	\$26.50
Government	\$11.60	\$0.64	\$12.24	\$3.31	\$15.55
Navy	\$11.60	\$0.64	\$12.24	\$3.31	\$15.55
Legislative Surcharge					
Surcharge ⁴	3.60%		3.50%		3.80%

1 - Monthly base charges for the Agriculture customer class are roughly 96.6% of stated base charge

2 - Non-residential volumetric water rates are applied to all levels of demand

3 - Currently, only residential customers - regardless of meter size - receive a monthly wastewater charge

4 - Not applied to lifeline rate components

True-Up Schedule L

Bill Impacts by Customer Class based on Proposed Rate Adjustment¹

			Forecast Year			
Meter Size	Kgals	FY 2023	Increase	FY 2024	% Change	
Customer Class						
Residential	3/4 inch	3	\$63.73	\$17.34	\$81.07	27.2%
Residential	3/4 inch	6	\$82.68	\$22.52	\$105.20	27.2%
Residential	3/4 inch	9	\$121.46	\$33.16	\$154.62	27.3%
Residential	3/4 inch	12	\$160.24	\$43.80	\$204.04	27.3%
Commercial-1	3/4 inch	30	\$722.00	\$198.04	\$920.03	27.4%
Commercial-1	2 inch	100	\$2,379.45	\$652.67	\$3,032.12	27.4%
Commercial-2	2 inch	500	\$16,736.15	\$4,587.20	\$21,323.34	27.4%
Commercial-3	3/4 inch	50	\$2,028.12	\$555.49	\$2,583.61	27.4%
Hotel	2 inch	300	\$10,067.02	\$2,759.25	\$12,826.28	27.4%
Hotel	4 inch	800	\$26,834.86	\$7,355.11	\$34,189.97	27.4%
Government	3/4 inch	50	\$1,337.57	\$366.65	\$1,704.22	27.4%
Government	1.5 inch	150	\$3,980.96	\$1,091.25	\$5,072.21	27.4%
Agriculture	3/4 inch	20	\$129.53	\$35.51	\$165.04	27.4%
Irrigation	3/4 inch	20	\$133.97	\$36.81	\$170.78	27.5%

1 - Assumes billable wastewater flows are 80% of water demand for non-residential customers (except Ag and Irrigation)