D GRAHAM BOTHA, ESQ. General Counsel Guam Power Authority 688 Route 15, Suite 302 Mangilao, Guam 96913 Ph: (671) 648-3203/3002 Fax: (671) 648-3290



#### BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN THE MATTER OF:

**GPA DOCKET NO. 21-18** 

The Application of the Guam Power Authority

to Approve the FY2022 GPA CIP Ceiling Cap

PETITION FOR CONTRACT REVIEW

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COMES NOW, the GUAM POWER AUTHORITY (GPA), by and through its counsel of record, D. GRAHAM BOTHA, ESQ., and hereby files GPA's Petition for the Public Utilities Commission of Guam to review and approve GPA's FY2022 Internally funded CIP ceiling cap, which consists of General Plant (\$25,884,923), Engineering (\$2,192,765), and Line Extensions (\$4,125,174) for a total internal FY2022 CIP ceiling cap of \$32,202,862 as follows:

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#### **BACKGROUND**

The Guam Power Authority is required by the Contract Review Protocol to file its internally funded CIP ceiling cap for the upcoming fiscal year plus estimates for the subsequent two fiscal years. The FY2022 budget, which includes internally funded CIP projects, was approved by the Consolidated Commission on Utilities (CCU) by GPA Resolution No. 2021-23 on August 24, 2021. The FY2022 budget has internally funded CIP projects and consists of General Plant (\$25,884,923), Engineering (\$2,192,765), and Line Extensions (\$4,125,174). The total projected FY2022 budget for internally funded CIP projects is \$32,202,862, and GPA is requesting that it be approved as the FY2022 CIP ceiling cap.

#### DISCUSSION

GPA hereby petitions the PUC, pursuant to the Contract Review Protocol for the Guam Power Authority to review and approve GPA's FY2022 internal CIP ceiling cap of \$32,202,862.

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In support of this Petition, GPA hereby provides the PUC with the General Manager's letter to the PUC dated September 8, 2021, and attachments detailing the FY2022 CIP ceiling cap. Said letter and its exhibits are attached herein as Exhibit A and incorporated by reference herein as if fully set forth. CONCLUSION The PUC should approve GPA's request to approve GPA's FY2022 Internally funded CIP ceiling cap, which consists of General Plant (\$25,884,923), Engineering (\$2,192,765), and Line Extensions (\$4,125,174) with a total internal FY2022 CIP ceiling cap of \$32,202,862, as it is reasonable, prudent, and necessary. RESPECTFULLY SUBMITTED this 10th day of September, 2021. GPA General Counsel 



# GUAM POWER AUTHORITY ATURIDAT ILEKTRESEDAT GUAHAN

P.O. Box 2977 HAGATNA, GUAM USA 96932 - 2977

September 8, 2021

Mr. Frederick Horecky, Esq. Administrative Law Judge Guam Public Utilities Commission Suite 207 GCIC Building 414 West Soledad Avenue Hagatna, Guam 96910

SUBJECT:

GPA DOCKET NO.: 21-18 - CONTRACT REVIEW PROTOCOL FY2022-2023 CAPITAL IMPROVEMENT PROJECT CEILING CAP

Dear Judge Horecky:

In accordance with GPA Docket 21-18, the Guam Power Authority is requesting the Guam Public Utilities Commission's approval for the FY2022 and FY2023 internally funded Capital Improvement Project Ceiling Cap of \$28,077,688 and \$17,779,974, respectively, without line extension projects.

Attachment A provides General Plant CIP projects of \$100K and above. Attachment A.1 provides Approved Engineering Projects.

Capital Improvement Projects (CIP) - REVENUE FUNDED		FY2022 APPROVED		FY2023 APPROVED
General Plant (Attachment A)	\$	25,884,923	\$	15,029,974
Engineering Projects (Attachment A.1)	\$	2,192,765	\$	2,750,000
SUB-TOTAL SUB-TOTAL	\$	28,077,688	\$	17,779,974
Line Extensions	\$	4,125,174	\$	4,342,289
TOTAL CAPITAL IMPROVEMENT PROJECTS	5	32,202,862	.\$	22,122,263

On Tuesday, August 24, 2021, the Consolidated Commission on Utilities (CCU) Board of Directors approved Fiscal Year 2022-2023 Guam Power Authority Budget as referenced on Resolution #2021-23 (See Attachment B).

Please do not hesitate to call Mr. John E. Kim, Chief Financial Officer, at 648-3120 should you have any further questions or concerns regarding the aforementioned filing.

Sincerely,

JK JOHN M. BENAVENTE, P.I

General Manager

cc:

Mr. John E. Kim, Chief Financial Officer Ms. Pamela R. Aguigui, Chief Budget Officer Graham Botha, Legal Counsel

Attachments

#### **GUAM POWER AUTHORITY**

### FY2022-2023 CAPITAL IMPROVEMENT PROJECTS (CIP) - Revenue Funded

ATTACHMENT A: General Plant - \$100K and over

Piti 7 M Gas CT Ga Aggreko Ag Diesel Di Transportation S5 Information Technology CC SPORD EP T & D Substation SF T & D Substation 11 Transportation Di Customer Service Re SPORD Le PSCC Sie Warehouse See T & D Overhead Up Transportation 65 Eacilities Management Ha	abras 1&2 Major Overhaul  Jajor Overhaul for Piti 7  as CT Improvements  ggreko Unit Major Overhaul  iesel Improvements  5ft bucket trucks  OLO Networking Equipment  PCM Contract  F6 Circuit Breaker Upgrades (various)  15kV Circuit Breakers (for Cabras Switchyard)  igger  enovation of Julale Office  eak Detection System Replacement	\$ \$ \$ \$ \$ \$	6,163,833 3,622,260 2,311,412 1,400,000 1,238,000 786,894 600,000 500,000	\$ \$ \$	4,824,359 895,000 1,572,000 1,200,000
Piti 7 M Gas CT Ga Aggreko Ag Diesel Di Transportation S5 Information Technology CC SPORD EP T & D Substation SF T & D Substation 11 Transportation Di Customer Service Re SPORD Le PSCC Sie Warehouse See T & D Overhead Up Transportation 65 Eacilities Management Ha	lajor Overhaul for Piti 7 as CT Improvements ggreko Unit Major Overhaul iesel Improvements 6ft bucket trucks OLO Networking Equipment PCM Contract 6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$ \$ \$ \$	3,622,260 2,311,412 1,400,000 1,238,000 786,894 600,000 500,000	\$ \$	895,000 1,572,000
Gas CT Aggreko Ag Diesel Diesel Transportation S5 Information Technology SPORD T & D Substation T & D Substation Transportation Dig Customer Service SPORD Le PSCC Sie Warehouse T & D Overhead Transportation G5 Facilities Management Ha	as CT Improvements ggreko Unit Major Overhaul iesel Improvements 6ft bucket trucks OLO Networking Equipment PCM Contract 6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$ \$ \$	2,311,412 1,400,000 1,238,000 786,894 600,000 500,000	\$	1,572,000
Aggreko Ag Diesel Di Transportation S5 Information Technology CC SPORD EP T & D Substation SF T & D Substation Di Transportation Di Customer Service Re SPORD Le PSCC Sie Warehouse See T & D Overhead Up Transportation 65 Facilities Management Ha	ggreko Unit Major Overhaul iesel Improvements  Sft bucket trucks  OLO Networking Equipment  PCM Contract  G Circuit Breaker Upgrades (various)  15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$ \$ \$	1,400,000 1,238,000 786,894 600,000 500,000	\$	
Diesel Diesel Diagrams Diesel Diagrams Diesel Diagrams Di	iesel Improvements  5ft bucket trucks  OLO Networking Equipment  PCM Contract  6 Circuit Breaker Upgrades (various)  15kV Circuit Breakers (for Cabras Switchyard)  igger  enovation of Julale Office	\$ \$ \$ \$	1,238,000 786,894 600,000 500,000	_	1,200,000
Transportation 55 Information Technology CC SPORD EP T & D Substation SF T & D Substation 11 Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse See T & D Overhead Up Transportation 65 Facilities Management Ha	5ft bucket trucks OLO Networking Equipment PCM Contract F6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$ \$	786,894 600,000 500,000	\$	
Information Technology SPORD EP T & D Substation SF T & D Substation 11 Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse Re T & D Overhead Up Transportation 65 Facilities Management Ha	OLO Networking Equipment PCM Contract F6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$	600,000 500,000		
SPORD EP T & D Substation SF T & D Substation 11 Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse Re T & D Overhead Up Transportation 65 Facilities Management Ha	PCM Contract F6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$ \$ \$	500,000		
T & D Substation SF T & D Substation 11 Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse Ser T & D Overhead Up Transportation 65 Facilities Management Ha	F6 Circuit Breaker Upgrades (various) 15kV Circuit Breakers (for Cabras Switchyard) 15ger 15ger 15ger 15ger	\$			***************************************
T & D Substation 11 Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse Ser T & D Overhead Up Transportation 65 Facilities Management Ha	15kV Circuit Breakers (for Cabras Switchyard) igger enovation of Julale Office	\$	460 000		
Transportation Dip Customer Service Re SPORD Le PSCC Sie Warehouse Ser T & D Overhead Up Transportation 65 Facilities Management Ha	igger enovation of Julale Office		460,000	\$	300,000
Customer Service Re SPORD Le PSCC Sie Warehouse See T & D Overhead Up Transportation 65 Facilities Management Ha	enovation of Julale Office	1.0	460,000		
SPORD Le PSCC Sie Warehouse Re sei T & D Overhead Up Transportation 65 Facilities Management Ha		\$	400,095		
PSCC Sie Warehouse Re see T & D Overhead Up Transportation 65 Facilities Management Ha	eak Detection System Replacement	\$	400,000		
Warehouse Re see T & D Overhead Up Transportation 65 Facilities Management Ha		\$	400,000		
T & D Overhead Up Transportation 65 Facilities Management Ha	emens EMS	\$	324,000		
Transportation 65  Facilities Management Ha	enovation of Dededo supply warehouse and receiving	\$	300,000		
Transportation 65  Facilities Management Ha	pgrade Montotubes	\$	300,000	\$	300,000
Facilities Management Ha	oft Bucket Trucks	\$	250,000	Ś	800,000
li c	agatna Power Plant Building Renovation to include encing Upgrades	\$	200,000	Ť	000,000
Water Systems Po	ortable generators on trailers to support existing ationary generators island wide on deep well/booster &	\$	200,000	\$	400,000
T & D Administration Glo	ove Testing Machine w/Training	\$	200,000		
	er 2 Expansion Project/Equipment	\$	174,998		
	L Enhancement	\$	150,000	\$	100,000
	Enhancement	\$	150,000		100,000
	stribution Automation	\$	150,000	Ś	150,000
	Oton Mobile Sub Trailer	\$	150,000	7	130,000
	actor Trucks	\$	139,999		
	ubstation Controller I/O Modules	\$		\$	80,000
T & D Underground Em	nergency Underground Reconstruction - Civil Work,	\$	120,000	\$	120,000
	SD Station LED Lighting Upgrade	\$	110,000	\$	110,000
	Software Enhancement for Budget	\$	100,000	\$	
	ne Customer Service Plan- GWA/GPA syndication	\$	100,000	Ą	100,000
-	idian HQ Head-End Replacement Firewalls	\$	100,000		
	PWA Organizational Governance Study (Phase I)	\$			
	ay tank pump upgrades (Temes #7)	\$	100,000		
	enovation of Dededo Diesel Plant, removal of engines	\$	100,000		
T & D Overhead Up		1 2	100,000		

#### **GUAM POWER AUTHORITY**

#### FY2022-2023 CAPITAL IMPROVEMENT PROJECTS (CIP) - Revenue Funded

#### **ATTACHMENT A.1: ENGINEERING PROJECTS**

Priority	Capital Improvement Project Name	4	FY2022 APPROVED	A	FY2023 APPROVED
1	FY21 CARRYOVER - Storage Tank 1935 Refurbishment	\$	600,000		
2	FY21 CARRYOVER - T&D Master Plan (Transportation)	\$	500,000		
3	LED Streetlight Conversion and T&D Line Maintenance Support	\$	350,000	\$	350,000
4	FY21 CARRYOVER - System Protection Upgrade (115-kV and 34.5 kV Line Clearing Times Reduction)	\$	150,000	\$	
5	Tenjo Vista Firewall and Transformer Relocation	\$	150,000		
6	Typhoon Mangkhut Permanent Repairs (75% FEMA Funded)	\$	125,000	Г	
7	FY21 CARRYOVER - Fence Replacement - Fuel Bulk Storage Facility (IP&E)	\$	117,765		
8	SEL RTAC and Port Server	\$	100,000		
9	Substation Snake Fence (All Outdoor Substations)	\$	50,000		
10	Pole Numbering	\$	50,000		
11	Facilities Physical Security - Revenue Portion	\$	-	\$	350,000
12	Predictive Based Maintenance - Island wide	\$	-	\$	350,000
13	ULSD - Additional Connection to Backup Diesel Generators	\$		\$	300,000
14	Network Communication - Fiber to All Substations (Fadian Maint to Barrigada Substation) - Revenue Portion	\$		\$	200,000
15	Substation and Transmission Improvements	\$	-	\$	100,000
16	Apra Heights Substation - 115/34.5 kV Transformer Upgrade	\$	-	\$	100,000
17	System Stability Upgrade Phase II - Hanwha Relay Upgrade GPA Costs	\$	-	\$	1,000,000
186538	GRAND TOTAL	\$	2,192,765	\$	2,750,000



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

#### **GPA RESOLUTION 2021-23**

## RELATIVE TO THE ADOPTION OF A BUDGET FOR THE GUAM POWER AUTHORITY FOR FISCAL YEARS 2022 AND 2023

WHEREAS, the Guam Power Authority (GPA) is a Public Corporation of the Government of Guam; and

WHEREAS, Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority; and

WHEREAS, Section 6.11 of the GPA Bond Indenture Agreement requires the Authority to provide a copy of an approved budget to the Bond Trustee prior to the beginning of each fiscal year; and

WHEREAS, the General Manager of the Guam Power Authority has reviewed and proposes the budget for Fiscal Years 2022 and 2023 totaling \$407,546,000 and \$399,444,000, respectively; and

WHEREAS, the General Manager has reviewed and proposes a Revenue Funded Capital Improvement Project (CIP) budget totaling \$32,202,862 and \$22,122,263; and

WHEREAS, the General Manager has reviewed the budget to ensure that all budget expenditures are consistent with the strategic goals of the Authority; and

NOW, THEREFORE BE IT RESOLVED BY THE CONSOLIDATED COMMISSION ON UTILITIES AS THE GOVERNING BODY OF THE GUAM POWER AUTHORITY, AS FOLLOWS:

The Fiscal Years 2022 and 2023 proposed budget of \$407,546,000 and \$399,444,000, respectively, of operating revenues and operating expenses in addition to other cash flow requirements such as debt services, working capital and conforming to obligatory debt coverage ratio of 1.3 are hereby approved (Exhibit A).

33 2. The authorized level of positions within the Authority shall be 490 FTEs. 34 3. The General Manager is authorized to implement structural pay adjustment to the 25th market 35 percentile in Fiscal Year 2023 based on the 2017 Market Data or updated data as it becomes 36 available and subject to availability of funds. 37 4. The General Manager is authorized to transfer no more than 10% of the overall approved GPA 38 Budget, exception that there shall be no transfer into the personnel account from other non-39 labor accounts. 40 41 RESOLVED, that the Chairman of the Commission certifies and the Board Secretary of this 42 Resolution. 43 44 45 DULY and REGULARY ADOPTED AND APPROVED THIS this 24th DAY of AUGUST 46 2021 47 48 Certified by: Attested by: JOSEPH T. DUENAS Chairman Secretary Consolidated Commission on Utilities Consolidated Commission on Utilities 49 50 I, Michael Limitaco, Secretary for the Consolidated Commission on Utilities (CCU), as 51 evidenced by my signature above do certify as follows: 52 53 The foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting 54 of the members of Guam Consolidated Commission on Utilities, duly and legally held at the meeting 55 place properly noticed and advertised at which meeting a quorum was present and the members who were 56 present voted as follows: 57 58 Ayes: 59 60 Nays: 61 62 Absent: 63 64 Abstain:

# GPA Revenue Requirement Fiscal Year 2022 & 2023

## Exhibit A

	Proforma Income Statements (in '000)	FY2022 Proposed	FY2023 Proposed
1	REVENUES	•	
2	Existing Base Rate Revenues	\$ 156,200	\$ 160,800
3	Fuel Revenues	249,186	236,432
4	Miscellaneous Revenues	2,160	2,212
5	Total Revenues	407,546	399,444
6	Bad Debt Expense	(1,223	) (1,198)
7 8	Net Operating Revenues	406,324	398,245
9	Production Fuel	249,186	236,432
10			
11	MEC	12,810	13,996
13 14	IPP	12,810	13,996
15	O&M EXPENSES		
16	Yigo Diesel Units (Aggreko)	3,157	3,315
17	Operating Supplies	3,229	
18 19	Utilities - Water & Communications	2,988	
20	WORK FORCE		
21	Salaries	34,583	36,567
22	Employee Benefits	11,948	12,571
23	Retiree & Health Care	4,600	4,784
24	Labor, Benefits & Retirees	51,131	53,922
25	Less Capitalized Labor	(6,093)	(6,459)
26	Personnel	45,038	47,463
27			
28	Apprentice labor	1,915	1,991
29	Workforce Interns	1,000	1,100
30	Workforce contracts	2,915	3,091
31 32	Total Work Force	47,953	50,554
33	Fixed Management Fees (PMC)	2,770	2,853
34	Apprentice supplies & others	40	52
35	Security Guard/Armored Car Services	1,028	1,069
36	Software & Network Maintenance	2,148	2,233
37	Environmental protection	892	927
38	Other Contracts	8,794	9,284
39 40	Contractual	15,672	16,418

41	Insurance		6,868		7,212
42	Miscellaneous		1,868		1,961
43	Off Island Training		180		188
44	Training		102		162
45	Office Supplies		102		104
46	Other Administrative		65		
		-			68
47	Administrative & General		9,184		9,695
48	T-4-LORM E		00.400		00.405
49	Total O&M Expenses		82,182		86,435
50					
51	Depreciation		40,254		41,864
52					
53	Total Operating Expenses	\$	384,433	\$	378,727
54					
55	Earnings From Operations		21,891		19,519
56					
57	Other Revenues (Expenses):				
58	Investment Income		1,000		1,000
59	Interest expense (ST Debt)		(30)		-
60	Interest Expense (Aggreko Lease Payment)		-		-
61	Interest expense (2012 Revenue Bond)		(14,290)		(13,254)
62	Interest expense (2014 Revenue Bond)		(3,411)		(3,328)
63	Interest expense (2017 Refunding Bond)		(7,418)		(7,402)
64	Other Expense/Income				
65	Amortization of Issuance Costs		475		475
66					
67	Net Earnings(Loss) Before Capital Contribution		(1,783)		(2,990)
68	Capital Contributions				
69	•	-	***************************************		
70	Increase (Decrease) in Net Assets	\$	(1,783)	\$	(2,990)
71		•	(1,100)	•	(=,000)
72	Debt Service Coverage Calculation				
73	Earnings From Operations	\$	21,891	\$	19,519
74	Add Interest Income	•	1,000	*	1,000
75	Add: Depreciation		40,254		41,864
76	Balance Available for Debt Service		63,145		62,383
77	IPP Debt Service + Aggreko lease		00,140		02,000
78	Balance After IPP Debt Service		63,145		62,383
79	Debt Service		00,140		02,303
80	Bond Interest Expense		25,119		23,984
81	Bond Principal		22,705		
82	Total Debt Service		47,824		24,020 48,004
83	Total Debt on vice		77,024		70,004
84	Debt Service Coverage (Bond Method)		1.32		4 20
85					1.30
03	Debt Service Coverage (S&P Method)		1.32		1.30

86			
87	Cashflow Statement		
88	Net Income	\$ (1,783)	\$ (2,990)
89	Depreciation & amortization	39,780	41,389
90	(Unrecovered)/recovered fuel cost	10,000	
91	CIP's-Internally Funded	(32,203)	(22, 122)
92	Principal Payment (Aggreko Lease Payment)	-	-
93	Principal Payment (2012 Revenue Bond)	(20,715)	(18,215)
94	Principal Payment (2014 Revenue Bond)	(1,675)	(1,755)
95	Principal Payment (2017 Refunding Bond)	(315)	(4,050)
96	Principal Payment (IPP)	-	-
97	MEC Recapitalization	 (3,764)	(3,764)
98	Cash Carry Over-Surplus/(Deficit)	(10,676)	(11,507)
99	Beginning Balance	 56,556	45,880
100	Ending Balance	45,880	34,373

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

Fixed Management Fees (PMC)	\$ 2,769,766	\$ 2,852,859
- Cabras 1 & 2	\$ 1,972,488	\$ 2,031,663
- CT	\$ 797,278	\$ 821,196
Software & Network Maintenance	\$ 2,147,624	\$ 2,233,528
-Advance Grid Analysis (AGA)	\$ 140,000	\$ 145,600
-JDE license	\$ 250,300	\$ 260,312
-MDMS SW License Renewal & Software Maintenance	\$ 95,000	\$ 98,800
-Oracle DB license renewal for CC&B Database	\$ 73,000	\$ 75,920
-Oracle DB license renewal for CC&B Database-DR	\$ 47,000	\$ 48,880
-Universal Credits of CHATBot	\$ 32,000	\$ 33,280
-CC&B SW Maintenance License fee renewal	\$ 108,057	\$ 112,380
-Other licenses	\$ 1,402,267	\$ 1,458,356
Security Guard/Armored Car Services	\$ 1,028,000	\$ 1 060 120
-Security Guard Services	\$	1,069,120
-Armored Car Services	1,000,000	\$ 1,040,000
-Armored Car Services	\$ 28,000	\$ 29,120
Audit Fee Financial	\$ 125,000	\$ 130,000
Building maintenance	\$ 564,755	\$ 587,348
Engineering Consultants	\$ 93,500	\$ 97,240
Grounds Maintenance	\$ 412,360	\$ 427,455
Heavy Equipment Maintenance	\$ 35,150	\$ 36,556
Heavy Equipment Rental	\$ 67,450	\$ 69,503
Land Lease	\$ 134,800	\$ 141,540
Legal Consultants	\$ 30,000	\$ 31,200
Light Vehicle Maintenance	\$ 26,900	\$ 27,976
Office Equipment Rental	\$ 112,000	\$ 116,480
Other Contractual Services		-
- Regulatory consultant	\$ 212,500	\$ 221,000
-ESS	\$ 86,000	\$ 89,440
-GPS tracking	\$ 88,800	\$ 92,352
-Disposal of soot and used oil	\$ 120,000	\$ 120,000
-USDA snake control	\$ 246,000	\$ 258,300
-Fire suppression system inspection	\$ 94,000	\$ 96,820
-Others contractual services	\$ 1,228,080	\$ 1,289,488
Other Maintenance		•
-Maintenance/Repair Fire Alarms & gas suppression systems	\$ 128,000	\$ 132,640
-Vegetation Management	\$ 347,175	\$ 499,062
-Surveillance camera	\$ 30,000	\$ 31,200
-Other maintenance	\$ 277,808	\$ 288,920
Other Professional Services	•	
-Consulting Services on Training and Assessment for Piti 7	\$ 247,000	\$ 256,880
-Technical Services - Cabras 1&2 Overhaul	\$ -	\$ 
-Milsoft Texting System-Outage reporting	\$ 47,000	\$ 48,880
-Smart grid network system support	\$ 185,000	\$ 192,400

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

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

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

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