



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-FY2022

RELATIVE TO ADDITIONAL FUNDING FOR THE TUMON NO. 2, HYUNDAI, AND CHAOT NO. 2 RESERVOIRS CONSTRUCTION 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 (“GWA”) 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 Tumon No. 2, Hyundai, and Chaot No. 2, as stated in Paragraph 29 (b) (4), (5), and (6) of the Court Order; and

WHEREAS, GWA issued an Invitation for Bid (IFB-09-ENG-2017) soliciting bid proposals from experienced, responsible, and responsive bidders to construct the Tumon No. 2 reservoir, Hyundai reservoir, and Chaot-Agana Heights reservoir off-site work in the Base Bid and an Additive Bid to construct the Chaot No. 2 reservoir, Hyundai booster pump station and Hyundai off site water line improvements; and

WHEREAS, Resolution No. 05-FY2018 (See Exhibit A) approved GWA to award the contract to AIC, International for the Base Bid; and

WHEREAS, in compliance with the Court Order, GWA has executed a construction contract with AIC International, Inc. for the Base Bid work to address the following:

1. The construction of the new Tumon reservoir (1.0 MG) to replace the existing Tumon steel tank; and

2. The construction of the new Hyundai (Barrigada Heights) reservoir (1.0 MG) to replace the existing Hyundai steel tank; and
3. Construction of new 12" and 16" pressure reducing valves (PRV) and flow meters at Pale San Vitores and St. Johns' to regulate pressure and monitor flow from the Tumon reservoir and Astumbo pressure zone; and
4. The disconnection of the A-series well from the Sinajana-Agana Heights distribution lines, Chaot and Agana Heights central chlorination system modifications, and Dero Road PRV rehabilitation to improve the Sinajana-Agana Heights water system;

WHEREAS, Resolution No. 45-FY2018 (See Exhibit B) approved GWA to execute Change Order No. 1 to construct Chaot No. 2 (0.5 MG), Barrigada Heights booster pump station, and transmission lines at North and South Sabana Drive, Corenoso Street, and associated side streets; and

WHEREAS, the Tumon, Hyundai (Barrigada Heights), and Chaot No. 2 reservoirs have been completed and are in service; and

WHEREAS, the remaining work, which includes the San Vitores PRVs' and flow meter and Barrigada Heights booster pump station work are in progress and nearing completion, respectively; and

WHEREAS, GWA seeks to issue a contract modification with AIC International, Inc. for additional work required to fully complete the project (See Exhibit C); and

WHEREAS, the contract modification shall consist of work described below:

1. Relocate San Vitores 12" and 16" PRV and flow meter vaults, to include new 16" PRV vault; and
2. Install chain link fence and earth berm for CLTC behind Tumon reservoir as part of right of entry agreement between GWA and CLTC for use of Lot 5075-REM-A NEW-1 during construction; and

3. Replace chlorine injector system at Agana Heights and Chaot reservoir central chlorination building; and
4. Installation of conduits, cables, sensors, pull boxes, power monitoring panels and associated electrical and instrumentation work for SCADA system at Agana Heights and Chaot reservoirs;

WHEREAS, the current contract with AIC International, Inc. is in the amount of Twenty-Two Million Eight Hundred Sixty Thousand Two Hundred Nineteen Dollars (\$22,860,219.00) with a total authorized funding of Twenty-Two Million Eight Hundred Sixty Thousand Three Hundred Seventy-Two Dollars and Seventy Cents (\$22,860,372.70); and

WHEREAS, GWA management has negotiated the proposed fee from AIC International, finds it to be fair and reasonable, and seeks CCU approval for additional funding to complete the work outline above in the amount of Five Hundred Fifty-Four Thousand Eight Hundred Forty-Four Dollars (\$554,844.00) along with a 20% contingency in the amount of One Hundred Ten Thousand Nine Hundred Seventy-Six Dollars (\$110,976.00) to bring the total additional funding requested to Six Hundred Sixty-Five Thousand Eight Hundred Twenty Dollars (\$665,820.00); and

WHEREAS, the funding source for the construction project will be from the CIP PW 09-11: Water System Reservoirs 2005 Improvements and EE 09-09: SCADA Improvements Phase 4; and

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

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds scope of work and fee submitted by AIC International, Inc. are fair and reasonable.
3. The CCU hereby authorizes GWA management to execute a change order in the amount of Five Hundred Fifty-Four Thousand Eight Hundred Forty-Four Dollars and


1 Zero Cents (\$554,844.00), to bring the total contract amount to Twenty-Three Million
2 Four Hundred Fifteen Thousand Sixty-Three Dollars (\$23,415,063.00).

- 3 4. The CCU hereby approves a 20% contingency of One Hundred Ten Thousand Nine
4 Hundred Seventy-Six Dollars (\$110,976.00), which brings the total authorized funding
5 to Twenty-Three Million Five Hundred Twenty-Six Thousand One Hundred Ninety-
6 Two Dollars and Seventy Cents (\$23,526,192.70).
7 5. The CCU hereby approves the use of Bond funding from CIP PW 09-11: Water System
8 Reservoirs 2005 Improvements and PW EE 09-09: SCADA Improvements Phase 4.


9
10 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
11 of this Resolution.

12
13 **DULY AND REGULARLY ADOPTED**, this 26th day of July 2022.

14
15 Certified by:

16 
17
18 **JOSEPH T. DUENAS**
19 Chairperson

20 Attested by:

21  (Acting)
22
23 **MICHAEL T. LIMTIACO**
24 Secretary

25 //

26 //

27 //

28 //

29 //

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>3</u>
NAYS:	<u>0</u>
ABSENTS:	<u>1</u>
ABSTAIN:	<u>0</u>

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CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)549-3002 | guamccu.org

GWA RESOLUTION NO. 05-FY2018

RELATIVE TO APPROVING THE CONSTRUCTION CONTRACT FOR THE TUMON NO. 2, HYUNDAI, AND CHAOT NO. 2 RESEVOIRS

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

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

WHEREAS, GWA currently has a number of critical Court Order (“CO”) Projects, including the construction (i.e. repair, rehabilitate, replace or relocate) of the Tumon No. 2, Hyundai, and Chaot 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 the new Tumon No. 2 reservoir (1.0 MG) to replace the existing Tumon No. 2 steel tank; and
2. The construction of the new Hyundai reservoir (1.0 MG) to replace the existing Hyundai steel tank; and
3. The disconnection of the A-series well from the Sinajana-Agana Heights distribution lines, Chaot and Agana Heights central chlorination system modifications, and Dero Road PRV rehabilitation to improve the Sinajana-Agana Heights water system;

WHEREAS, GWA has advertised an Invitation for Bid (IFB) soliciting bid proposal from experienced, responsible, and responsive bidders to construct the Tumon No. 2 reservoir, Hyundai reservoir, and Chaot-Agana Heights reservoir off-site work in the Base Bid and to

1 construct the Chaot No. 2 reservoir, Hyundai booster pump station, and Hyundai off site water
2 line improvements in the Additive Bid; and

3
4 **WHEREAS**, the Base Bid work consists of the Contractor furnishing all labor, tools,
5 equipment and materials necessary to complete the construction of the Tumon No. 2 and
6 Hyundai reservoirs to include, but not limited to foundation, earthwork, pipework, retaining wall,
7 storm water detention basin, off-site PRVs, concrete work, electrical work, fences and gates,
8 protective coatings, SCADA, disinfection, testing and start-up under the provisions of the bid
9 documents and in accordance with applicable GWA standards; and

10
11 **WHEREAS**, the Base Bid work will also consist of disconnection of the A-Series wells
12 to the distribution lines, modification to the Chaot and Agana Heights reservoir central
13 chlorination system, and rehabilitation of the Dero Road PRV; and

14
15 **WHEREAS**, IFB packages were picked up by 12 interested parties, from which GWA
16 received bid proposals from 2 of the 12 parties before the bid proposal deadline (See EXHIBIT
17 A – Abstract of Bids); and

18
19 **WHEREAS**, GWA engineering and the design team analyzed all bid proposals received
20 on November 1st, 2017 and determined that AIC International, Inc., who submitted the lowest
21 Base Bid as being the responsive and responsible bidder and met all the bid requirements set
22 forth by GWA (See EXHIBIT B – Recommendation Memorandum); and

23
24 **WHEREAS**, GWA Management finds the AIC International, Inc. Base Bid proposal of
25 Fourteen Million Eight Hundred Twenty Eight Thousand One Hundred Ninety Four Dollars
26 (\$14,828,194.00) to be acceptable (See EXHIBIT C – Bid Proposal); and

27
28 **WHEREAS**, GWA Management will assess any additional funding availability from the
29 latest Capital Improvements Plan to ascertain if any or all the Additive bid items as part of this
30 IFB can be awarded later through a change order or via a subsequent CCU approval process as a
31 means of maximizing system improvements efficiently; and
32

1 **WHEREAS**, GWA Management is seeking approval to enter into contract with AIC
2 International, Inc. for IFB-09-ENG-2017 in the amount of Fourteen Million Eight Hundred
3 Twenty Eight Thousand One Hundred Ninety Four Dollars (\$14,828,194.00), along with a ten
4 percent (10%) contingency of One Million Four Hundred Eighty Two Thousand Eight Hundred
5 Nineteen Dollars and Forty Cents (\$1,482,819.40), bringing the total requested funding amount
6 to Sixteen Million Three Hundred Eleven Thousand Thirteen Dollars and Forty Cents
7 (\$16,311,013.40); and

8
9 **WHEREAS**, the funding source for the construction project will be from the CIP PW 09-
10 11: Water System Reservoirs 2005 Improvements, PW 12-04: Agana Heights and Chaot Tank
11 Construction, PW 12-06: Tank Replacement Piti and Hyundai Tanks, PW 09-03: Water
12 Distribution System Pipe Replacement and Upgrades; and PW 09-04: Pressure Zone
13 Realignment; and

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

- 17
18 1. The recitals set forth above hereby constitute the findings of the CCU.
19 2. The CCU finds that the terms of the bid proposal submitted by AIC
20 International, Inc. are fair and reasonable.
21 3. The CCU hereby authorizes the management of GWA to accept the bid from
22 AIC International, Inc. attached hereto as EXHIBIT C, and which is also
23 incorporated into this Resolution in its entirety.
24 4. The CCU hereby further authorizes the management to enter into a contract
25 with AIC International, Inc. in the amount of Fourteen Million Eight Hundred
26 Twenty Eight Thousand One Hundred Ninety Four Dollars (\$14,828,194.00).
27 5. The CCU hereby approves the funding total of Fourteen Million Eight
28 Hundred Twenty Eight Thousand One Hundred Ninety Four Dollars
29 (\$14,828,194.00), along with a ten percent (10%) contingency of One Million
30 Four Hundred Eighty Two Thousand Eight Hundred Nineteen Dollars and
31 Forty Cents (\$1,482,819.40), bringing the total requested funding amount to
32

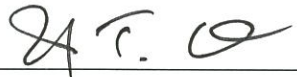
Sixteen Million Three Hundred Eleven Thousand Thirteen Dollars and Forty Cents (\$16,311,013.40.)

6. The CCU hereby approves the use of funding from CIP PW 09-11: Water System Reservoirs 2005 Improvements, PW 12-04: Agana Heights and Chaot Tank Construction, PW 12-06: Tank Replacement Piti and Hyundai Tanks, PW 09-03: Water Distribution System Pipe Replacement and Upgrades; and PW 09-04: Pressure Zone Realignment.

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


DULY AND REGULARLY ADOPTED, this 22nd day of November 2017.

Certified by:



JOSEPH T. DUENAS
Chairperson

Attested by:


J. GEORGE BAMBA
Secretary

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

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

AYES: 5

NAYS: 0

ABSTENTIONS: 0

ABSENT: 0





CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
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GWA RESOLUTION NO. 45-FY2018

RELATIVE TO CONTRACT MODIFICATION FOR THE TUMON NO. 2, HYUNDAI, AND CHAOT NO. 2 RESEVOIRS CONSTRUCTION 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 (“GWA”) 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 Tumon No. 2, Hyundai, and Chaot No. 2, as stated in Paragraph 29 (b) (4), (5), and (6) of the Court Order; and

WHEREAS, GWA has advertised an Invitation for Bid (IFB-09-ENG-2017) soliciting bid proposal from experienced, responsible, and responsive bidders to construct the Tumon No. 2 reservoir, Hyundai reservoir, and Chaot-Agana Heights reservoir off-site work in the Base Bid and an Additive Bid to construct the Chaot No. 2 reservoir (Bid Schedule Table C – Item No. 5, 6, and 7), Hyundai booster pump station (Bid Schedule Table B – Item No. 8), and Hyundai off site water line improvements (Bid Schedule Table B – Item No. 9) (See Exhibit A – Bid Schedule); and

WHEREAS, Resolution No. 05-FY2018 (See Exhibit B – Resolution No. 05-FY2018) approved GWA to award the contract to AIC International, Inc. for the Base Bid; and

WHEREAS, in compliance with the Court Order, GWA has executed a construction contract with AIC International, Inc. for the Base Bid work to address the following:

1. The construction of the new Tumon No. 2 reservoir (1.0 MG) to replace the existing Tumon No. 2 steel tank; and
2. The construction of the new Hyundai reservoir (1.0 MG) to replace the existing Hyundai steel tank; and
3. The disconnection of the A-series well from the Sinajana-Agana Heights distribution lines, Chaot and Agana Heights central chlorination system modifications, and Dero Road PRV rehabilitation to improve the Sinajana-Agana Heights water system;

WHEREAS, GWA seeks to issue a contract modification with AIC International, Inc. for portions of the Additive Bid work as noted in the Bid Schedule Tables above to construct the 0.5 MG Chaot No. 2 Reservoir that will bring the Chaot site capacity back to 1.0 MG capacity, the new Hyundai booster pump station, and the Hyundai off site water line improvements that will service Hyundai (705) Pressure Zone Upper; and

WHEREAS, the contract modification work shall consist of Bid Schedule Table C – Item No. 5, Bid Schedule Table B – Item No. 8, and Bid Schedule Table C – Item No. 9 describe below:

1. Contractor furnishing all labor, tools, equipment and material necessary to complete the construction of the second 0.5 MG pre-stressed concrete tank to include, but not limited to: foundation, earthwork, pipework, retaining wall, storm water detention basin, fences, gates, improves to access roads, protective coatings, disinfection, testing and start-up, under the provision of the bid documents and in accordance with applicable GWA standards; and
2. Contractor furnishing all labor, tools, equipment and material necessary to complete the construction of the Hyundai Booster Pump Station and waterlines on North Sabana Street, South Sabana Street, Corenoso Street, and associated side streets, under the provision of the bid documents and in accordance with applicable GWA standards; and

WHEREAS, the current contract awarded to AIC International, Inc. is in the amount of Fourteen Million Eight Hundred Twenty-Eight Thousand One Hundred Ninety-Four Dollars and Zero Cents (\$14,828,194.00) with a total authorized funding for the awarded Base Bid work is

1 Sixteen Million Three Hundred Eleven Thousand Thirteen Dollars and Forty Cents
2 (\$16,311,013.40); and
3

4 **WHEREAS**, GWA management seeks approval to execute Contract Modification No. 1
5 to include the construction of Chaot No. 2 Reservoir, Hyundai Booster Pump Station, and water
6 lines in the amount of Five Million Nine Hundred Fifty-Three Thousand Nine Hundred Sixty-
7 Three Dollars and Zero Cents (\$5,953,963.00), plus a 10% contingency of Five Hundred Ninety-
8 Five Thousand Three Hundred Ninety-Six Dollars and Thirty Cents (\$595,396.30), to bring
9 Contract Modification No. 1 authorized funding to Six Million Five Hundred Forty-Nine
10 Thousand Three Hundred Fifty-Nine Dollars and Thirty Cents (\$6,549,359.30); and
11

12 **WHEREAS**, GWA management seeks CCU approval to bring the total authorized
13 funding for the construction project with AIC International, Inc. to Twenty-Two Million Eight
14 Hundred Sixty Thousand Three Hundred Seventy-Two Dollars and Seventy Cents
15 (\$22,860,372.70); and
16

17 **WHEREAS**, the funding source for the construction project will be from the CIP PW 09-
18 11: Water System Reservoirs 2005 Improvements and PW 12-04: Agana Heights & Chaot
19 Tanks; and
20

21 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
22 does hereby approve and authorize the following:
23


- 24 1. The recitals set forth above hereby constitute the findings of the CCU.
- 25 2. The CCU finds that the terms of the bid proposal submitted by AIC International, Inc.
26 are fair and reasonable.
- 27 3. The CCU hereby authorizes GWA management to execute Contract Modification No. 1
28 in the amount of Five Million Nine Hundred Fifty-Three Thousand Nine Hundred
29 Sixty-Three Dollars and Zero Cents (\$5,953,963.00), to bring the total contract amount
30 to Twenty Million Seven Hundred Eighty-Two Thousand One Hundred Fifty-Seven
31 Dollars and Zero Cents (\$20,782,157.00).
32

4. The CCU hereby approves a 10% contingency for the Contract Modification No. 1 work, which brings the authorized Contract Modification No. 1 funding to Six Million Five Hundred Forty-Nine Thousand Three Hundred Fifty-Nine Dollars and Thirty Cents (\$6,549,359.30).
5. The CCU hereby further approves the total authorized construction funding including contingencies to Twenty-Two Million Eight Hundred Sixty Thousand Three Hundred Seventy-Two Dollars and Seventy Cents (\$22,860,372.70).
6. The CCU hereby approves the use of Bond funding from CIP PW 09-11: Water System Reservoirs 2005 Improvements and PW 12-04: Agana Heights & Chaot Tanks.

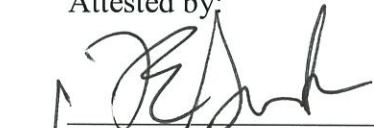
RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption of this Resolution.

DULY AND REGULARLY ADOPTED, this 28th day of August 2018.

Certified by:


JOSEPH T. DUENAS
Chairperson

Attested by:


J. GEORGE BAMBA
Secretary

SECRETARY'S CERTIFICATE

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

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

AYES:	<u>5</u>
NAYS:	<u>0</u>
ABSTENTIONS:	<u>0</u>
ABSENT:	<u>0</u>





AIC INTERNATIONAL, INC.
Engineered Construction

01 July 2022

Mr. Garret Yeoh - Project Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15, Mangilao, Guam 96913

Reference: GWA Central Reservoirs Tumon No. 2, Hyundai, Chaot No. 2

Subject: Change Order No.8

Dear Mr. Yeoh,

Please review the following signed and approved Contract Change Request (CCR) and Rough Order Magnitude (ROM) Contract Change Request for various additive work items related to GWA Central Reservoirs.

Listed below are CCR's with description and projected amounts with an estimated cost breakdown summing up to a total amount of \$ 554,884.00 for Change Order No. 8.

<u>CCR No.</u>	<u>Contract Change Request (CCRs)</u>	<u>Amount (\$)</u>
GWA CCR072	San Vitores Vault Relocation to Road Centerline	\$ 321,884.00
GWA CCR073	Install Chainlink Fence 6ft height, approximate 400 linear feet	\$ 35,000.00
GWA CCR074	Chamorro Land Trust Berm Construction – Tumon No. 2	\$ 40,000.00
GWA CCR076	Chlorine Injectors De Nora Model Change including Accessories	\$ 3,000.00
GWA CCR057	Chaot No. 2 Instrumentation Drawings Modifications	\$ 80,000.00
	<ul style="list-style-type: none"> a. Install conduit from existing MCC to New DS b. Install Conduit and Fittings for Intrusion Magnetic Switch c. Install Additional CCTV @ Side of Building d. Install conduit & cables from ATS to New LCP 01 e. Install conduit & cables from existing emergency generator to New LCP01 f. Install conduit, fittings & support for RTU Antenna. g. Install power conduit & cables for new & existing chlorine analyzer/controller h. Install control conduit & cables for new & existing chlorine analyzer/controller i. Install conduit & cables from New LIT (Fuel Tank) to New LCP01 j. Install power conduit & cables for relocated chlorine gas cylinder & gas detection panel k. Install control conduit & cables for relocated chlorine gas cylinder & gas detection panel l. Install gas sensor conduit & cables for relocated Gas Detection Panel 	

GWA Central Reservoirs
Tumon No.2, Hyundai and Chaot No.2

	m. Install power conduit & cables for 2-each exhaust fan	
	n. Install additional pull boxes	
	o. Power monitoring panel with CT's & protection	
GWA CCR078	Agana Reservoir Instrumentation Drawings Modifications	\$ 75,000.00
	a. Demolition/Removal (e) RTU Panel/Conduits and Feeders	
	b. Install (n) cables from (n) LCP-01 to PCP, (e) conduits to be used.	
	c. Install conduits fittings for (n) Intrusion Magnetic Switch	
	d. Install (n) DS with Power conduit & Wiring from MCC	
	e. Install Comm cables & conduit from (n) LCP-01 to (e) CP-1	
	f. Install Control Conduit & Cables from ATS to (n) LCP-01	
	g. Install (n) LCP-01	
	h. Install wires & rough-ins conduit from relocated Gas Detection Panel to LCP-01	
	i. Install wires & rough-ins from Chlorine Gas Cylinder to (n) LCP-01	
	j. Demolition/Removal (e) RTU Panel/Conduits and Feeders	
	TOTAL:	\$ 554,884.00

We are recommending GWA's budget allocation and approval for funds related to Change Order No. 8.

Please feel free to contact us for further information regarding this letter.

Sincerely,



Robert Sornly C. Magno
Project Manager
Our ref. RSS-288, GWA Central Reservoirs (Owner Correspondence)

REQUEST TO INCLUDE FOR BUDGET

CCR No.	Tank Location	Description	Specific Site Location	Status		Change Order 08 Breakdown
072	Tumon No.2 Reservoir	San Vitores Vault relocation	San Vitores	Pending GWA	On Going	321,884.00
		Permitting				
073	Tumon No.2 Reservoir	CLT Chainlink Fence 6ft High, Approx 400LF	CLT access back lot	Pending AIC	Pending	35,000.00
074	Tumon No.2 Reservoir	CLT Berm Construction, additional fencing between GWA and CLT and add 25ft	CLT to GWA Ponding Basin	Pending Design	Pending	\$40,000
New Item	Hyundai Reservoir	Steel Tank re-piping	Hyundai	Pending AIC	Deleted	
076	Chaot No.2 Reservoir	Chlorine Injector De Nora Model Change and accessories	Chaot No.2/Agana	Pending AIC	Completed	3,000.00
077	Chaot No.2 Reservoir	Instrumentation Modification (labor, consumables, equipment only)	Chaot Chlorination Room (New Drawings Changes from Contract Drawings	Pending AIC	Pending	80,000.00
		Install conduit from existing MCC to New DS				
		Install Conduit and Fittings for Intrusion Magnetic Switch				
		Install Additional CCTV @ Side of Building				
		Install conduit & cables from ATS to New LCP 01				
		Install conduit & cables from existing emergency generator to New LCP01				
		Install conduit, fittings & support for RTU Antenna.				
		Install power conduit & cables for new & existing chlorine analyzer/controller				
		Install control conduit & cables for new & existing chlorine analyzer/controller				
		Install conduit & cables from New LIT (Fuel Tank) to New LCP01				
		Install power conduit & cables for relocated chlorine gas cylinder & gas detection panel				
		Install control conduit & cables for relocated chlorine gas cylinder & gas detection panel				
		Install gas sensor conduit & cables for relocated Gas Detection Panel				
		Install power conduit & cables for 2-each exhaust fan				
		Install additional pullbox				
		Power monitoring panel with CT's & protection				
078	Agana Reservoir	Instrumentation Modification (labor, consumables, equipment only)	Agana Chlorina	Pending AIC	Pending	75,000.00
		Demolition/Removal (e) RTU Panel/Conduits and Feeders				
		Install (n) cables from (n) LCP-01 to PCP, (e) conduits to be used.				
		Install conduits fittings for (n) Intrusion Magnetic Switch				
		Install (n) DS with Power conduit & Wiring from MCC				
		Install Comm cables & conduit from (n) LCP-01 to (e) CP-1				
		Install Control Conduit & Cables from ATS to (n) LCP-01				
		Install (n) LCP-01				
		Install wires & rough-ins conduit from relocated Gas Detection Panel to LCP-01				
		Install wires & rough-ins from Chlorine Gas Cylinder to (n) LCP-01				
TOTAL						554,884.00