



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

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- 1 3. The repair of existing Manengggon Reservoir No. 1 (2.0 MG) (modification to
2 contract after construction of Manengggon Reservoir No. 2 and inspection of
3 Manengggon 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 Manengggon 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

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

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:	<u>4</u>
NAYS:	<u>0</u>
ABSTAIN:	<u>0</u>
ABSENT:	<u>1</u>

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GUAM WATERWORKS AUTHORITY

Central Guam Reservoirs - Manzanagon Reservoir No. 2 and Tamuning Reservoir No. 2
 IFB No. IFB-01-ENG-2023
 GWA Project No. W14-006-BHD
 Bid Opening Date: January 20, 2023 @ 10:00 A.M.

ABSTRACT OF BIDS

NO.	BIDDERS NAME	BID BOND	Bid Bond equal to 5% of total amount of bid	Bidder Qualification Form	Bid Prepared and Bid Available	Non-Compliance Affidavit	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Confidence of Bidder	Table A: Base Bid		Table B: Base Bid		Table A and B: Base Bid			
																					Table A: Base Bid and Additive Bid	Table B: Base Bid and Additive Bid	Table A: Base Bid and Additive Bid	Table B: Base Bid and Additive Bid	Table A and B: Base Bid and Additive Bid	Table A and B: Base Bid and Additive Bid		
1.	DN Tanks																											
2.	Sumitomo Mitsui Construction Co.																											
3.	Isle Coating and Roofing Supply																											
4.	JMI Edition																											
5.	AIC International, Inc.	FORBETH & DEWEY CO., INC. 1571 ST. BIRD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$18,378,705.00	\$16,880,181.00	\$35,258,886.00	\$22,767,785.62	\$58,026,671.62	\$42,932,369.62	
6.	A&R Pacific																											
7.	Core Tech International	ERELON INTERNATIONAL INC. 1571 ST. BIRD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$13,887,345.00	\$13,345,163.00	\$27,232,508.00	\$19,730,234.18	\$46,962,742.18	\$33,075,403.18	
8.																												
9.																												
10.	ENGINEER'S ESTIMATE	N/A																										

*NOTE:

Prepared and Read by:
 [Signature]
 (Name and Signature)
 Senior Engineer

GWA Procurement Representative:
 [Signature]
 (Name and Signature)
 Procurement Representative

Witness:
 [Signature]
 (Name and Signature)
 Associate Engineer

Witness:
 [Signature]
 (Name and Signature)
 Senior Engineer

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>

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Item No.	Description	Quantity	Unit	Extended Amount
5.	Manenggon Reservoir No. 2:			
5.1	Traffic control	1	LS	\$ 37,884.00
5.2	Earthwork	1	LS	\$ 307,724.00
5.3	Retaining wall	1	LS	\$ 83,689.00
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	\$ 389,033.00
5.8	Tripod retrieval systems and harnesses	1	LS	\$ 28,889.00
5.9	Site piping and valving	1	LS	\$ 951,298.00
5.10	Tank and piping disinfection	1	LS	\$ 4,991.00
5.11	Valve vaults, piping, and valves	1	LS	\$ 873,872.00
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	\$ 288,855.00
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	\$ 248,876.00
5.19	Commissioning and training	1	LS	\$ 19,088.00
5.20	Cleaning of existing tank	1	LS	\$ 59,875.00
5.21	All other appurtenant work	1	LS	\$ 201,008.00
	Subtotal	1	LS	\$ 13,524,374.00

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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	\$ 294,420.000
6.12	Lighting	1	LS	\$ 8,397.00
6.13	SCADA, Instrumentation and contrc	1	LS	\$ 38,270.00
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>

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Item No.	Description	Quantity	Unit	Extended Amount
6.	Additive Bid – Tiyán waterline, pump station, and sewer improvements:			
6.1	Traffic control	1	LS	\$ <u>78,414.00</u>
6.2	12" waterline (approx. 1523 LF), butterfly valves and ARV	1	LS	\$ <u>458,592.00</u>
6.3	12" waterline connections (2)	1	LS	\$ <u>131,410.00</u>
6.4	Waterline abandonment	1	LS	\$ <u>31,813.00</u>
6.5	Sewer line CIPP	1	LS	\$ <u>1,971,029.00</u>
6.6	Booster pump station and connection	1	LS	\$ <u>80,902.00</u>
6.7	Electrical system	1	LS	\$ <u>45,497.00</u>
6.8	Instrumentation and controls	1	LS	\$ <u>37,540.00</u>
6.9	Commissioning and training	1	LS	\$ <u>30,541.00</u>
6.10	Site and pavement restoration	1	LS	\$ <u>10,475.00</u>
	Subtotal	1	LS	\$ <u>2,856,213.00</u>

Table B Base Bid Subtotal \$ 17,345,183.00

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.

