



**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. 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-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 (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

//

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-Umatac 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:

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 30<sup>th</sup> 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: 4

NAYS: Ø

ABSTAIN: Ø

ABSENT: 1





CONSOLIDATED COMMISSION ON UTILITIES  
Guam Power Authority | Guam Waterworks Authority  
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3032 | guam.ccu.org

**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
- 12           • CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
- 13           • CIP PW 09-11: Water System Reservoirs 2005 Improvements
- 14

15           **NOW, BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
16 does hereby approve 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 bid from AIC  
22 International, Inc. attached hereto as Exhibit B, and which is also incorporated  
23 into this Resolution in its entirety.
- 24           4. The CCU hereby authorizes the management of GWA to enter into a contract  
25 with AIC International, Inc. in the amount of Four Million Two Hundred  
26 Eight Thousand One Hundred Ninety-Seven Dollars (\$4,208,197.00) for base  
27 bid work plus the amount of One Million One Hundred Ninety-Four  
28 Thousand One Hundred Twenty-Nine Dollars (\$1,194,129.00) for additive bid  
29 item work.
- 30           5. The CCU hereby approves the funding total of Five Million Four Hundred  
31 Two Thousand Three Hundred Twenty Six Dollars (\$5,402,326.00), along  
32 with a ten percent (10%) contingency of Five Hundred Forty Thousand Two

1 Hundred Thirty Three Dollars (\$540,233.00), bringing the total authorized  
2 funding amount to Five Million Nine Hundred Forty Two Thousand Five  
3 Hundred Fifty Nine Dollars (\$5,942,559.00).

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

6 a. CIP PW 09-09: Water Reservoir Internal/External Corrosion  
7 Assessment Program

8 b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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 28<sup>th</sup> day of January 2020.

14  
15 Certified by:

Attested by:

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

19   
20 **MICHAEL T. LIMTIACO**  
21 Secretary

22  
23 **SECRETARY'S CERTIFICATE**

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

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

30 AYES: \_\_\_\_\_ 5 \_\_\_\_\_  
31 NAYS: \_\_\_\_\_ 0 \_\_\_\_\_  
32 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
- 17           • CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

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

3  
4 **DULY AND REGULARLY ADOPTED**, this 23<sup>rd</sup> day of February 2021.

5  
6 Certified by:

Attested by:

7 



8 **JOSEPH T. DUENAS**  
9 Chairperson

**MICHAEL T. LIMTIACO**  
Secretary

10  
11  
12 **SECRETARY'S CERTIFICATE**

13  
14 I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as  
15 evidenced by my signature above do hereby certify as follows:

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

20 AYES: 5  
21 NAYS: Ø  
22 ABSENT: Ø  
23 ABSTAIN: Ø  
24

25  
26  
27 ///  
28  
29 ///  
30  
31  
32 ///





**CONSOLIDATED COMMISSION ON UTILITIES**  
Guam Power Authority | Guam Waterworks Authority  
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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**

**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-Umatat 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 Umatat 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, Umatat 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 • CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
- 27 • CIP PW 09-11: Water System Reservoirs 2005 Improvements

28  
29 //

30  
31 //

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

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

15

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

18

19           **DULY AND REGULARLY ADOPTED**, this 22<sup>nd</sup> day of February 2022.

20

21           Certified by:

21           Attested by:

22 

22 

23 **JOSEPH T. DUENAS**  
24 Chairperson

23 **MICHAEL T. LIMTIACO**  
24 Secretary

25

26 //

27

28 //

29

30

31 //

32

**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: \_\_\_\_\_ 4 \_\_\_\_\_  
NAYS: \_\_\_\_\_ Ø \_\_\_\_\_  
ABSENT: \_\_\_\_\_ 1 \_\_\_\_\_  
ABTAIN: \_\_\_\_\_ Ø \_\_\_\_\_





CONSOLIDATED COMMISSION ON UTILITIES  
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**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-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 – 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
- 23           • CIP PW 09-09: Water Reservoir Internal/External Corrosion Assessment Program
  - 24           • CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

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

1 Twelve Million Nine Hundred Fifty-Nine Thousand Six Hundred Fifty-Four  
2 Dollars and Thirty-Two Cents (\$12,959,654.32).

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

5 a. CIP PW 09-09: Water Reservoir Internal/External Corrosion  
6 Assessment Program

7 b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

8  
9 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption  
10 of this Resolution.

11  
12 **DULY AND REGULARLY ADOPTED**, this 25<sup>th</sup> day of April 2023.

13  
14 Certified by:

Attested by:

15 

16 **JOSEPH T. DUENAS**  
17 Chairperson

18 

19 **PEDRO ROY MARTINEZ**  
20 Secretary

21 **SECRETARY'S CERTIFICATE**

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

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

28 AYES:

4

29 NAYS:

0

30 ABSENT:

1

31 ABSTAIN:

0



**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							
A.) TANK REPAIR WORKS		Unit	QTY	Unit Cost	Amount	Remarks - AIC	Remarks - DCA
<b>2) FOUNDATION</b>							
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 project on plate and concrete ground.	325	LF	93.80	30,485.00	Detail drawings was not provided, pricing is based on Item 16 CCR#36	No Unit Cost was derived for reference. <u>New concrete berm</u> affected by new tank design. <u>Item 16 CCR#36</u> items approach as the Windward Tank - CCR#28 - Item 2.5 for new tank concrete berms, verify details.
<b>3) SHELL EXTERNAL</b>							
8.18	3.1) Complete <u>Interior</u> Surface Coating, Pressure Wash, Prep, Clean, and Epoxy Coating on the areas with an existing coating (Top Roof, Roof Knuckles, Shell, Wind Grease, Roof Railings, Platform, and Overflow & Influent Pipe to including the exterior floor/ drop ring, and all other tank appurtenances that require coating)	24,000	SF	15.29	366,960.00	Based on the workings 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. <u>Ver Aed no L&amp;P content.</u>
<b>4) SHELL INTERNAL</b>							
8.19	4.1) Abrasive blast, clean to remove all adhering corrosion scales and complete <u>interior</u> Surface Coating (Top Roof, Roof Knuckles, Roof Framing & supports/ Purkes - Outer & Inner Ring, Shell, Floor, Center Column Post to include frame & dome, overflow pipes - weir box and all other tank appurtenances that requires coating). <u>Repair also corroded areas found after cleaning and re-inspection.</u>	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 vertical welds on 1st course [V1 to V4], [V8 & V13] 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
<b>5) SHELL APPURTENANCES</b>							
8.24	5.1) <u>Minor repairs</u> on the corroded internal flange to weld neck on 3-units 24" dia shell manholes that clean and recast all shell nozzles. Clean the tell tale hole and seal it with corrosion-retardant grease. Perform required NDT weld test, VTI/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 Report (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 recast overflow external pipe.	8	EA	1,506.84	11,054.70	Cost per Work Item	No Unit Cost was derived for reference
8.26	5.3) Replace 18" dia influent (float valve) external pipe from bottom flange to top pipe to allow 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 18" 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	Location only reference to API report about 1.2LF	No Unit Cost was derived for reference. Coating included in Item 8.18
<b>6) ACCESS STRUCTURE</b>							
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 5-17 as additional reference. Clean the <u>entire exterior</u> ladder surface by abrasive blasting and apply protective coating. Repair or replace severely corroded parts found after cleaning.	1	LS	45,019.74	45,019.74	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 5-18 as additional reference. Clean the <u>entire interior</u> ladder surface by abrasive blasting and apply protective coating and repair or replace severely corroded parts found after cleaning.	1	LS	29,926.51	29,926.51	Cost per Work Item	No Unit Cost was derived for reference
<b>7) FIXED ROOF EXTERNAL</b>							
8.29	7.1) Abrasive Blast & Complete <u>Interior</u> Roof Surface Coating (Wind, Roof Knuckles, Overflow Pipe, Roof Center Column and Post) 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 88 by welded on-patch plate (10" x 10") and on plate 48 by cutting and replacing (51" x 85") to include overlap with a plate thickness of 3/4". Perform the required NDT weld test, visual and magnetic particle test.	39	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 2.27 > \$655.00/SF
<b>8) FIXED ROOF INTERNAL</b>							
8.31	8.1) Abrasive Blast & Complete <u>Interior</u> Roof Surface Coating (Wind, Roof Knuckles, Overflow Pipe, Roof Center Column 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
<b>9) FIXED ROOF APPURTENANCES</b>							
8.34	9.1) Blast, clean and recast on the 24" dia roof manhole hatch cover. <u>No weld repair per API Report</u>	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 26" 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 4x4 mesh 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 reference price per CCR #36/2 - Windward Tank unit cost, etc > \$7,000.00 to include AIC overhead around 1.17% approximate cost of \$7,840, verify.
<b>10) BOTTOM PLATES</b>							
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	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.

*Rec'd*  
62.03.22

