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

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamicu.org

#### **GWA RESOLUTION NO. 22–FY2023**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- 3. The CCU hereby approves the use of funding sources from the following CIP line items:
  - a. CIP PW 09-09: Water Reservoir Internal/External Corrosion
     Assessment Program
  - b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

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

Certified by:

**JOSEPH T. DUENAS** 

Chairperson

Attested by:

PEDRO ROY MARTINEZ

Secretary

#### SECRETARY'S CERTIFICATE

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

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

AYES:

NAYS:

ABSENT:

ABSTAIN:



### CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamiculorg

## **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-Umatac, Umatac 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-Umatac, Umatac Subdivsion, 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;

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

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

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

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

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

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

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

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

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

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

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the bid proposal submitted by AIC International, Inc. are fair and reasonable.
- 3. The CCU hereby authorizes the management of GWA to accept bid from AIC International, Inc. attached hereto as Exhibit B, and which is also incorporated into this Resolution in its entirety.
- 4. The CCU hereby authorizes the management of GWA to enter into a contract with AIC International, Inc. in the amount of Four Million Two Hundred Eight Thousand One Hundred Ninety-Seven Dollars (\$4,208,197.00) for base bid work plus the amount of One Million One Hundred Ninety-Four Thousand One Hundred Twenty-Nine Dollars (\$1,194,129.00) for additive bid item work.
- The CCU hereby approves the funding total 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).

- 6. The CCU hereby approves the use of funding sources from the following CIP line items:
  - a. CIP PW 09-09: Water Reservoir Internal/External Corrosion
    Assessment Program
  - b. CIP PW 09-11: Water System Reservoirs 2005 Improvements

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

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

Certified by:

Attested by:

JOSEPH T. DUENAS

Chairperson

MICHAEL T. LIMTIACO

Secretary

### SECRETARY'S CERTIFICATE

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

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

AYES: <u>5</u>

NAYS: 0

ABSTENTIONS: 0

ABSENT:





# **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-Umatac, Umatac 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-Umatac 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

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

WHEREAS, GWA Management is seeking additional funding to award additional additive bid items for the major repair of the Windward Hills and Malojloj tanks in the amount of 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 (\$334,029.00), bringing the total additional funding amount to Two Million Five Hundred Sixty Thousand Eight Hundred Ninety-One Dollars (\$2,560,891.00).; and

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

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

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

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

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

DULY AND REGULARLY ADOPTED, this 23rd day of February 2021.

Certified by:

Attested by:

JOSEPH T. DUENAS

Chairperson

MICHAEL T. LIMTIACO

Secretary

### SECRETARY'S CERTIFICATE

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

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

AYES:

NAYS:

ABSENT:

ABSTAIN:



GUAM CCU

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

#### **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-Umatac, Umatac Subdivision, Pigua Merizo, Malojloj, Windwards Hills, Kaiser, Yigo, and Astumbo Tanks, as stated in Paragraph 29.b of the Order for Preliminary Relief Re: Deadlines for Outstanding Projects Under the Amended Stipulated Order; and

WHEREAS, Resolution No. 10-FY2020 (See Exhibit A) 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

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

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

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

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

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

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

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

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

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

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

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

Certified by:

Attested by:

JOSEPH T. DUENAS

Secretary

MICHAEL T. LIMTIACO

Chairperson

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:

NAYS:

ABSENT:

ABTAIN:



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TABLE H - ADDITIVE BID NO. 4 - PIGUA MERIZO TANK MAJOR REPAIR WORK (ADDITIVE / REVISED SCOPE OF WORK)

	H - ADDITIVÊ BID NO. 4 - PIGUA MERIZO TANK MAJOR REPAIR WORK	1	To accord or work	.,	
$\vdash$	A) TANK REPAR WORES	Uniq	qīv	Unit Cost	Amount
F	FOUNDATION	COMMUNICATION OF	Market Charles and Co.	- CON	7410011
4 12	2.18.2.2) Remove and replace new concrete on the cracks portion only focated on the concrete ring foundational anchor bolis. Hereove segestation along the tank concrete ring, and refurboly/remove/replace new concrete grout. Provide seal between projection plate and concrete grout the whole posimites.	1	ıs	28,600.00	23,000.00
4.18	2-3) Apposition and Tighten all existing bolts with washer and nots	24	ga.	348.00	0,352.60
4.39	3-b) Remove and replace 1-unit new anchor bolt(1-1/4" dia = 41 and chair assemblies     Perform required VT/ NPT	1	zu.	1,273.00	1,173.00
4,194	used Abatement for affected anchor bolis	1	ls		
	i) local extension	soft Military 1986	B. 1	-	
4.20	It I Complete (Bracher Surface Costing, Pressure Wiss). Prep, Clean, and Spory Cosing on the ereas with an existing costing (Top Roof, Roof Knuckles, Shell, anchor) (but 1, overflow laws to unclude eillenor (Boot) droping, and all other carb appur tenances that require celling).	ı	d	149,650.00	149,650.00
451	ik de Mandergan aminansat anda anto diai daadhii marad ah aha disalamia mpulha as oda ah aha nuwi. Panlami nagungdi ADI mandi sepii mayan mara 495 andi magan sepampia mandidi. Zi	- '	- UMI		
4.22	1-2) Parlarm additional phymioness surveys for each shall course.		WGE .	de journal de la company de la	
	SHELL INTERNAL	Killer Th			
4.222	num 5.30 Base Bid, Deductive: Exterior and Interior Weld Repair, Including preparation, minimum, testing and costing	100	v	(319.00)	(31,506.00)
4.22b	Tiom 5 AT Sease Bild, Deductive: Repair roof vent and Senge connection, to include metal repair, abrasive grinding, coating, and screen replacement(316 stainless steel mesh)	,	14	(6,110.00)	(6,110.00)
4.221	**************************************	2	EA.	(5,728.00)	(11,456.00)
4.23	6-11 Abraine Blaist, clean fill emove all adhering corrodion scales and complete <u>Interlog</u> , hufface Coating (Top Root). Roof fourthles, Apolf Farring & supports/ Putins - Outer & inner fing, Shelf, Root, Center if Culum Poor rain-ducké frame & Some, overflow pages - weer bor- man all other stand apour transaces that requires coating). Repair the corroded areas found sifter cleaning and re-expection.	14,000	ıs	1740	391,186.00
4.236	Sefectives his about transporters.	3	ıs	79,550,00	P0,110.00
4,24	ii ji) Repair by weld overhal the isolated printing, and purhouss (2nd course), and ii ji) Weld repair (1st course) noted on the internal shelf, including an additional location that may be definited after canopha (sing 1s) and/ole ii ji) A weld viryari on the addited print) 3° depth; isolad on the 2nd course (southeast like of the tank. And arm inducted \$1.1 and tiles, in such in ii jiii) and majorato pair (se tenti MR1).	20	u	994.00	F.005.00
4.25	4] Replace severely deterior and plug of 2"dia wedder rispole earlii located on the linux be not and shall be examined by VT and either PT/MT	*	ĘĄ.	2,000.00	1,001.00
	SPELL APPLE THANKS	Charles Street, Square	The second	4.00	CONTRACTOR A
4.36	1): Recoal all their notifies. Clean internal pipe of ST day or am and 12" day refet   or their notifies and enth in their notifies on States withouting drawn put and perform VI.	,	(A	4,500.00	1,000.00
427	- IT Manuse modularing are on the corridge internal indicated, and 37 day shell manhols to include time botts and new gother, 843 citizen and apply professive coming. Perform requires 1931 weld to CVV 21/VII after repair	١	a.	<b>L</b> HEM	4,812.60
4.28	is 31 Replace severely compiled is "dis-overflow-internal pipe and replace 8.5cs-1/2" dis-s "Tillings bolts externor side Blast, illean and apply protective coaling Perform required 901 welld less, visual and magnetic percede test		v	780.00	6,100,00
4.29	a U. Anton brita'i reprince the embre of east insort insert gauge. Antigens reprince in 27 motions of, a most and magnetic gaste do total.	-	- 104		ME TO SER
	ACCES STRUCTURE	OFFICE AND ADDRESS.	TALL THE CO. III A.	Special desirable	1 4
4.30a	s 110CA/GWA. Install new extenor rank ladder and the maximbly in security ladder access of individual control of the protection series. Provide a local able hings access gate.	1	ul	72,500.00	71,500.00
	FIXEOROOF EITENAL	CHARLE MA	4750 miles	Water State	No. of the last
436	7.)) Mart dear the entre expol; external plates then research		- 4	CONT. 1919	F 126 F(4)
	I, FUXTOROOF INTERNAL	the second second	-	1871 - CB	F 100 100 100 100 100 100 100 100 100 10
4.30	h () Mast sison on his reall subtempt grains. Then resided. The environment of access found a literature. Recovery		. #		F-1
4.33e	DCAV GWA, 8: 2) Replace the entire corroded roof rafters [28 locations] and outer ren- humani including the contex crown and post, the 21 mil * 3/81°C-pushes and 58: 3/6 "shock left dis contex crown. Perform the required NOT well last, visual andmig hetic particle ask for work shall be done on top of the roof uncil the repair 8 is completed for safety reasons.	4.190	ов.	24.21	287,271.00
4 33AA	Vorvide ScaffoldingSystem Rantal(Rantal Ratel) @ SA 202/30ft/Set (Sfridih) required 32 els to cover area of the tank	,	tos	157,960.00	157,960.00

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4.33	it 3] Replace by sectional repair the identified corroded outer nin-channel. (6 locational 30 all plants of 157 ± 1/8" first best angle bar Perform the required NDT wild feat, visual and magnetic particle test. No work shall be done on top of the roof unbit the repairs; completed for safety reasons.	725	185	49.31	50,140.75
⊢	MI FIXED ROOF APPURTEMANCES	N of a country	- U		The state of the state of
4,34	It I I Money make ( washe on the 34" do nicel manches with internal badder on the steerion sted manches cover eye plate only. Provide <u>paintender plate</u> on 34" downess most manches that the place and it can with the abrasse blast and apply a projective coating.		μ	3,810.43	L,650.EL
4.35	9 2) Replace corroded one e-mesh with 824 SS years acreen and, botts & nuts only. Clean by the abressive blant and apply a protective meaning. No world repair out API Report.	1	EA .	2,100.46	2,300.46
4.356	errored drawing details	1	ęs.	9,000,00	\$,000.00
	SO) BOTTOM BLATES		- 313		
+.36	EI ]] Repair by widd overlay (puddle weld) on 52 boubbon with log side pitting corrossons by puddle well repair sinchiding romanil widd on [5 focitions shall be ground flish with urrounding plain ematerial. Perform the required HDT welld test, visual and magnetic particle feat.	15	v	867.00	6,505.00
4.37	[9.2] Arpen sank floor with priong corrotion by patch welding with a plate thick ness in [ Uff See the patch plate list that priver SE locations. Perform surface prep, welding & metessary, 600 flow VT and the viscours has emethod. Cooking to be under nom 4.2.5.	ъ	yi	PRAN	21,766.66
4,18	20.33 Repair severally cornoded hieliton-fig: widds at places 9/(2, 12/15, 12/16, 14/20, 15/15, 15/16, 16/19, \$-18/19 all repairs shall be rewally examined, a securit beinted and by either MOV (2 method of exist full length.	50	U.S.	367.00	14,160,00
	11 MITERNAL COMPONENTS	. /	ASSESSMENTS.	MANUFACTURE STATES	-
4.39A	DUA: Column Ease Reglacement: Refer to Ortal 175-16. Center indumn to re-inspect after Flearing: Perform required NOT wild fest, visual and viscuum box test.	,	ıs	28,483.88	18,483.86
4.40	ZircA install a new pressure transmitter type with stainless steel(SS) 316 enclosure is in event theft		u	7,600.00	1,500.00
4.404	4.4.4.11.3) Remove the embrar embrag interval float licutational gauge and insured float intervals and shuff cap Link processings.	2	ıs	LDLS	1,800.86
4.41	(1.4) Blad. Life in the enterior remail fadders that fure. Replacifisher missing steps, Repair lettachers is larger, and detendoral edition support including those found after cleaning. Novider extrastion steps is the pad-on both surgerior prevent horn ord all movement involved. Off-Arreport del plantes too street. Use the Patril 18 all anothers of reference. Open the involved states by after size to blaining and apply or sective loating. Perform VII and PI /VIII after the inpair their restriction.	ı	uk	31,57643	31,574.45
	LI MIGULAHOUS	The second		700000000000000000000000000000000000000	No. of Lot,
4.42	Al-14 resulting from the quantity operating a committee or black from the debt region is debt. Or make received one on all general ones and deverons received from providing a present plack for including a committee of the providing providence between the committee of the providing providence of the advantage of the committee o	- 3	u		
4.45	1.7 (1) Blast, clean the ensing roof rading and platform and apply protective coating	1	rat	5,500.00	5,500.00
6.64	12.3) Provide a contition-resistant metal nameplate with the information described in API ASO Sec. 10.1 or Api 653 Sec. 13.1		р.	1,250.00	1,250.00
4.45	NAME OF THE CONDUCTOR OF THE CONDUCTOR SYSTEM which will include the tank floor places. Panel The installed made the Pump Building [neal to the door]		ıs	65,000.00	45,000.00
446	Graft - Court off and are any court grapes, with our formings, impaint also recently all the Lords. Replant- companies before many graphing and the season area with this dat which is maded in motion and applications.	, ,			
4,47	ONA-install ECTs new coming living 1 <sup>st</sup> data ) for the softening value, they as such tigen expen- mental to the texture table 1 <sup>st</sup> may through a few control (ES) analysis promp (ES) quit regions as uniquipa- sation ground work and such governments in a sequence region (ES) for every 3 and a gibb prior te- moring and track disconfigurate.				
4,48	County - Market Anticon - Princips - Market Annual Administration - Market His Section - Annual Annu	ji Ji	TA .	-	[6# ]]. [89]
4.484	into the first of the second of the state of the specific depth is the stage and with the same of the state o	- 1	64	33,500.00	
				The state of the s	= = 1)

0.49	Cath. Obtobblish. 1 Provide <u>Man Brood Abstriance Hambilatin a Mill</u> ian apprompt.  milled date opini in orbited a cathed a cathed abstract of the bruggs state of the while Cathed in Cathed and Ca		ta.	30,000	
4.50	DCA/ GWA: Install new 30" die tank shell manway notde assemblies per AWWA		£A.	29,648.00	29,648.0
	us ad Abatement for affected anchor bolts to include lead abetement at (1) the interior floor leads to identified, (1) the affected exterior tank awas for the Installation of a new 30° dis. seek dall manuer, (1) the affected areas for the Vostallation of a new exterior leader, (4) affected areas votor cathodic Protection System Installation, and to Installe other No. identified (2).	,	ى	24,799.29	84,790,1
4.5022	said-Ahrismani-lan-mat-vani-madification		ı.	144.00	
#.50b	a ad Abetament Plan and Air Monitoring and Clearance	1	is	25,000.00	25,000.0
Par.	BUS-TOTAL	100	\$100 E		\$ 1,186,848.E
	10/AL DISCOUNT/ REDUCTION OF COST(4.17, 4.33as, 4.41, 4.43, 4.45, 4.50s, 4.50b)				(79,042.50
881	SOTAL 1	Feld Landy	2 Mayor	DAMAGE ST	\$ 1,100,006.33
4.49	DWA DRAM wAUE Provide this to the Assessment Hernald S = 80° ( disc operancy while does style) to the law reconstruction by age provide the drawn must size well structure was years. Serving the actual size operang and provide product material and brochure to reference (28°W x 34°) x 38°D. Actual Seq.)		jA.	29,101.00	3478200
	TOTAL	SEC. 53	104339/0	NAME OF STREET	5 1,137,989.32

MOTE: Pigua Merito Tank- Original Bid 94 tterns 5.05, 5.06, and 5.08, if not used and/or consumed during construction are subject to deductive change cost:

NOTE: FOR AIC'S REVISED PROPOSAL, PLEASE SUBMIT ALL THE NEEDED SUPPORTING DOCUMENTS, FROM EITHER BY AIC'S OTHER SUB-CONT DCA/GWA REFERENCES AND FINAL APPROVAL.