

1 **GUAM CONSOLIDATED COMMISSION ON UTILITIES**

2 **RESOLUTION NO. 19 – FY2017**

3 **RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE**
4 **CRITICAL WASTEWATER PUMP STATION REPAIRS – HIGH WATER ALARMS**
5 **PROJECT (S16-002-EPA)**

6 **WHEREAS**, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities
7 (“CCU”) has plenary authority over financial, contractual and policy matters relative to the
8 Guam Waterworks Authority (“GWA”); and
9

10 **WHEREAS**, the Guam Waterworks Authority is a Guam Public Corporation established
11 and existing under the laws of Guam; and
12

13 **WHEREAS**, GWA has received a grant from the United States Environmental
14 Protection Agency (“USEPA”) under the State Revolving Fund (“SRF”) program to install high
15 water level alarm systems at 19 wastewater pump stations; and
16

17 **WHEREAS**, these pump stations are currently being monitored on a rotating basis by
18 GWA personnel inspecting each site; and
19

20 **WHEREAS**, the alarm system is intended to trigger if wastewater in the wet well/pit rise
21 above a specified level and notify the operator on duty that an overflow is imminent unless
22 immediate action is taken; and
23

24 **WHEREAS**, having the alarm system would reduce GWA’s response time, operation
25 and maintenance cost, and potential environmental impact; and
26

27 **WHEREAS**, GWA has advertised an Invitation for Bid (“IFB”) soliciting bid proposals
28 from experience and responsive bidders to provide construction services for the Critical
29 Wastewater Pump Station Repairs – High Water Alarms project; and
30

31 **WHEREAS**, this phase of work consists of furnishing all labor, tools, equipment, and
32 materials necessary for the installation and commission of the high water level alarm system; and

1 **WHEREAS**, IFB packages were obtained by three (3) interested parties, among which
2 GWA received bid proposals from two (2) parties before the bid proposal deadline (See
3 EXHIBIT A – Abstract of Bids); and

4
5 **WHEREAS**, GWA’s Engineering Consultant and GWA Engineering Division project
6 manager have analyzed the bid proposals received on February 8, 2017 (See EXHIBIT B – Bid
7 Evaluation) and determined that Pacific Rim Constructors, Inc., who submitted the lowest bid, to
8 be the responsive and responsible bidder and has met all the bid requirements set forth by GWA
9 (See EXHIBIT C – Bid Proposal); and

10
11 **WHEREAS**, GWA Management seeks CCU approval of the bid proposal from Pacific
12 Rim Constructors, Inc. in the amount of One Million Four Hundred Forty-Four Thousand Eight
13 Hundred Eighty-Eight Dollars (\$1,444,888.00), plus a 10% contingency in the amount of One
14 Hundred Forty-Four Thousand Four Hundred Eighty-Eight Dollars and Eighty Cents
15 (\$144,488.80), bringing the total authorized funding amount to a maximum of One Million Five
16 Hundred Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents
17 (\$1,589,376.80); and

18
19 **WHEREAS**, funding for this project will be from USEPA SRF Grant Funds and, if
20 necessary, GWA 2013 and 2016 Bond Funds applicable to the project; and

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

- 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 Pacific Rim
26 Constructors, Inc. are fair and reasonable.
27 3. The CCU finds that the terms and conditions set by GWA relative to
28 commencement of work activities are fair and reasonable and serve as a measure
29 of Quality Assurance/Quality Control (QA/QC).
30 4. The CCU hereby authorizes the management of GWA to enter into a contract
31 with Pacific Rim Constructors, Inc. in the amount of One Million Four Hundred
32

1 Forty-Four Thousand Eight Hundred Eighty-Eight Dollars (\$1,444,888.00)
2 (Exhibit C).

3 5. The CCU hereby further approves the total funding amount for this project of One
4 Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars
5 (\$1,444,888.00), plus a 10% contingency of One Hundred Forty-Four Thousand
6 Four Hundred Eighty-Eight Dollars and Eighty Cents (\$144,488.80) bringing the
7 total authorized funding amount to a maximum of One Million Five Hundred
8 Eighty-Nine Thousand Three Hundred Seventy-Six Dollars and Eighty Cents
9 (\$1,589,376.80).

10 6. The CCU hereby further approves the funding source will be from USEPA SRF
11 Grant Funds and, if necessary, GWA 2013 and 2015 Bond Funds applicable to the
12 project.

13
14 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
15 of this Resolution.

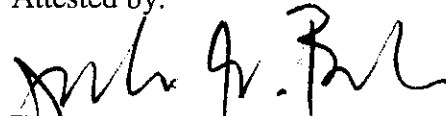
16
17 **DULY AND REGULARLY ADOPTED**, this 21st day of February, 2017.

18
19 Certified by:

20 

21 **JOSEPH T. DUENAS**
22 Chairperson

23 Attested by:

24 

25 **J. GEORGE BAMBA**
26 Secretary

27 //

28 //

29 //

30 //

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

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

7	AYES:	<u>5</u>
8	NAYS:	<u>0</u>
9	ABSTENTIONS:	<u>0</u>
10	ABSENT:	<u>0</u>

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Exhibit B (1 of 1)

Critical Wastewater Pump Station Repairs - High Water Alarms
GWA Project No. S16-002-EPA

BID EVALUATION

Base Bid Description: The Base Bid generally consists of complete performance of work (materials, labor, and equipments) required for the replacement and upgrades or providing new high level alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID		ENGINEER'S ESTIMATE		GAS SECURITY SYSTEMS				Lowest Bidder PACIFIC RIM CONSTRUCTORS				AVERAGE BID		STANDARD DEVIATION			
		Qty	Unit	Unit Cost	Sub-Total	Unit Cost	Sub-Total	Unit Cost	Sub-Total	% Difference	Unit Cost	Sub-Total	% Difference	Price	Price				
1.0 General Requirements																			
1.1	Mobilization/Demobilization	1	LS	\$ 157,651.56	\$ 157,651.56	\$ 148,929.28	\$ 148,929.28	\$ 144,488.80	\$ 144,488.80	-5.5%	\$ 144,488.80	\$ 144,488.80	-8.3%	\$ 146,709.04	\$ 3,139.89				
1.2	Bonding Fee & Insurance	1	LS	\$ 34,651.56	\$ 34,651.56	\$ -	\$ -	\$ 57,840.00	\$ 57,840.00	-100.0%	\$ 57,840.00	\$ 57,840.00	66.9%	\$ 28,920.00	\$ 40,899.06				
1.3	Permit Application Fee	1	LS	\$ 66,451.56	\$ 66,451.56	\$ 34,791.67	\$ 34,791.67	\$ 11,568.00	\$ 11,568.00	-47.6%	\$ 11,568.00	\$ 11,568.00	-82.6%	\$ 23,179.84	\$ 16,421.61				
2.0 High Level Alarm Installations																			
2.1	Southern Link high level alarm system - New	1	EA	\$ 60,182.06	\$ 60,182.06	\$ 72,500.00	\$ 72,500.00	\$ 59,986.00	\$ 59,986.00	20.5%	\$ 59,986.00	\$ 59,986.00	-0.3%	\$ 66,243.00	\$ 8,848.73				
2.2	Yego high level alarm system - replacement and upgrade	1	EA	\$ 59,549.11	\$ 59,549.11	\$ 62,034.27	\$ 62,034.27	\$ 57,798.00	\$ 57,798.00	4.2%	\$ 57,798.00	\$ 57,798.00	-2.9%	\$ 59,916.14	\$ 2,995.50				
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	\$ 56,043.97	\$ 56,043.97	\$ 62,034.27	\$ 62,034.27	\$ 58,382.00	\$ 58,382.00	10.7%	\$ 58,382.00	\$ 58,382.00	4.2%	\$ 60,208.14	\$ 2,582.54				
2.4	Yyao high level alarm system - replacement and upgrade	1	EA	\$ 59,941.87	\$ 59,941.87	\$ 62,034.27	\$ 62,034.27	\$ 57,798.00	\$ 57,798.00	3.5%	\$ 57,798.00	\$ 57,798.00	-3.6%	\$ 59,916.14	\$ 2,995.50				
2.5	Agana Man high level alarm system - New	1	EA	\$ 60,290.58	\$ 60,290.58	\$ 72,500.00	\$ 72,500.00	\$ 57,798.00	\$ 57,798.00	20.3%	\$ 57,798.00	\$ 57,798.00	-4.1%	\$ 65,149.00	\$ 10,395.88				
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	\$ 58,796.56	\$ 58,796.56	\$ 62,034.27	\$ 62,034.27	\$ 58,330.00	\$ 58,330.00	5.5%	\$ 58,330.00	\$ 58,330.00	-0.8%	\$ 60,182.14	\$ 2,619.31				
2.7	Barrigada high level alarm system - New	1	EA	\$ 58,195.40	\$ 58,195.40	\$ 72,500.00	\$ 72,500.00	\$ 56,999.00	\$ 56,999.00	24.6%	\$ 56,999.00	\$ 56,999.00	-2.1%	\$ 64,749.50	\$ 10,960.86				
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	\$ 57,507.56	\$ 57,507.56	\$ 62,034.27	\$ 62,034.27	\$ 58,725.00	\$ 58,725.00	7.9%	\$ 58,725.00	\$ 58,725.00	2.1%	\$ 60,379.64	\$ 2,340.01				
2.9	Manglao high level alarm system - replacement and upgrade	1	EA	\$ 58,791.71	\$ 58,791.71	\$ 62,034.27	\$ 62,034.27	\$ 57,266.00	\$ 57,266.00	5.5%	\$ 57,266.00	\$ 57,266.00	-2.6%	\$ 59,650.14	\$ 3,371.68				
2.10	Tai Manglao high level alarm system - replacement and upgrade	1	EA	\$ 58,303.66	\$ 58,303.66	\$ 62,034.27	\$ 62,034.27	\$ 57,798.00	\$ 57,798.00	6.4%	\$ 57,798.00	\$ 57,798.00	-0.9%	\$ 59,916.14	\$ 2,995.50				
2.11	Pago Double high level alarm system - New	1	EA	\$ 59,070.94	\$ 59,070.94	\$ 72,500.00	\$ 72,500.00	\$ 56,423.00	\$ 56,423.00	22.7%	\$ 56,423.00	\$ 56,423.00	-4.5%	\$ 64,461.50	\$ 11,368.16				
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	\$ 57,947.66	\$ 57,947.66	\$ 62,034.27	\$ 62,034.27	\$ 57,532.00	\$ 57,532.00	7.1%	\$ 57,532.00	\$ 57,532.00	-0.7%	\$ 59,783.14	\$ 3,183.59				
2.13	Asan high level alarm system - replacement and upgrade	1	EA	\$ 62,916.82	\$ 62,916.82	\$ 62,034.27	\$ 62,034.27	\$ 58,901.00	\$ 58,901.00	-1.4%	\$ 58,901.00	\$ 58,901.00	-6.4%	\$ 60,467.64	\$ 2,215.56				
2.14	Pti high level alarm system - replacement and upgrade	1	EA	\$ 62,425.66	\$ 62,425.66	\$ 62,034.27	\$ 62,034.27	\$ 58,901.00	\$ 58,901.00	-0.6%	\$ 58,901.00	\$ 58,901.00	-5.6%	\$ 60,467.64	\$ 2,215.56				
2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	\$ 59,750.66	\$ 59,750.66	\$ 62,034.27	\$ 62,034.27	\$ 61,021.00	\$ 61,021.00	3.8%	\$ 61,021.00	\$ 61,021.00	2.1%	\$ 61,527.64	\$ 716.49				
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	\$ 62,666.97	\$ 62,666.97	\$ 62,034.27	\$ 62,034.27	\$ 60,094.00	\$ 60,094.00	-1.0%	\$ 60,094.00	\$ 60,094.00	-4.1%	\$ 61,064.14	\$ 1,371.98				
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	\$ 61,383.82	\$ 61,383.82	\$ 62,034.27	\$ 62,034.27	\$ 58,991.00	\$ 58,991.00	1.1%	\$ 58,991.00	\$ 58,991.00	-3.9%	\$ 60,512.64	\$ 2,151.92				
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	\$ 58,605.06	\$ 58,605.06	\$ 62,034.27	\$ 62,034.27	\$ 59,257.00	\$ 59,257.00	5.9%	\$ 59,257.00	\$ 59,257.00	1.1%	\$ 60,646.64	\$ 1,963.83				
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	\$ 58,482.60	\$ 58,482.60	\$ 62,034.27	\$ 62,034.27	\$ 58,991.00	\$ 58,991.00	6.1%	\$ 58,991.00	\$ 58,991.00	0.9%	\$ 60,512.64	\$ 2,151.92				
2.20	High level alarm system equipment at GWA Systems Control Center	1	EA	\$ 30,851.56	\$ 30,851.56	\$ 32,587.14	\$ 32,587.14	\$ 69,000.00	\$ 69,000.00	5.6%	\$ 69,000.00	\$ 69,000.00	123.7%	\$ 50,799.57	\$ 25,747.78				
2.21	One year cellular service from date of project acceptance	1	EA	\$ 23,651.56	\$ 23,651.56	\$ 8,388.75	\$ 8,388.75	\$ 36,000.00	\$ 36,000.00	-64.5%	\$ 36,000.00	\$ 36,000.00	52.2%	\$ 22,194.38	\$ 19,524.10				
3.0 Project Completion																			
3.1	As-built drawings, O&M Manuals, training and contract closeout	1	LS	\$ 20,851.56	\$ 20,851.56	\$ 44,081.91	\$ 44,081.91	\$ 15,000.20	\$ 15,000.20	111.4%	\$ 15,000.20	\$ 15,000.20	-28.1%	\$ 29,541.06	\$ 20,563.87				
														Sub-Total					
														\$ 1,464,961.98		\$ 1,448,888.00			
														\$ 1,489,292.80		\$ 1,444,888.00			
														\$ 1,489,292.80		\$ 1,444,888.00			

Exhibit C (1 of 4)

High Water Alarms

APPENDIX A

BID PROPOSAL FORM

DATE:

TO: General Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, GU 96913

Dear Sir/Madam:

The undersigned ("Bidder"), a Corporation (Corporation or partnership or individual), organized and/or licensed to do business under the laws of Guam, hereby proposes and agrees to furnish all necessary labor, materials, equipment, tools and services necessary for the construction of the **IFB-04-ENG-2017 Critical Wastewater Pump Station Repairs – High Water Alarm; GWA Project No. S16-002-EPA** in accordance with the Specifications and other Contract Documents herein for the sum of

(Bid Amount)

One Million Four Hundred Forty-Four Thousand Eight Hundred Eighty-Eight Dollars and 100/100 cents

plus any and all sums to be added and/or deducted resulted from all extra and/or omitted work under a change order or Contract amendment under the unit and/or lump sum prices stated in the itemized proposal form attached hereto.

The undersigned has examined the location of the proposed work, the drawings, specifications and other Contract Documents and is familiar with the local conditions at the place where the work is to be performed, agrees to perform all work within the time set forth; herein and the price stated in their bid.

The Bid Guaranty attached hereto without endorsement, in the sum of not less than fifteen percent (15%) of the highest amount the total aggregate bid, is furnished to the Guam Waterworks Authority as a guarantee that the Agreement will be executed and a Performance and Payment Bond and proof of insurance and other requirements set forth in the bid, in forms acceptable to GWA, shall be furnished within twenty (20) days after notification that the undersigned is the lowest responsible and responsive bidder. In the event that this Bid is accepted, and the undersigned bidder shall fail to: (1) provide any and all documents requested by GWA; (2) execute the Contract on terms and conditions acceptable to GWA; and (3) furnish a satisfactory performance and Payment Bond under the conditions and within the time specified in this Proposal, the equivalent amount of the Proposed Guaranty shall be forfeited, as liquidated damages for the delay and additional work and costs caused thereby in obtaining another bidder, said amount being beforehand determined as being

Exhibit C (2 of 4)

High Water Alarms

reasonable and containing no penalties.

If written notice that the bidder is the lowest responsible and responsive bidder, and such notice is mailed, telegraphed or delivered to the undersigned within one hundred and twenty (120) days after the opening thereof, the undersigned agrees to execute the a Contract on terms and conditions acceptable to GWA, and to furnish a Performance and Payment Bond in an amount equal to one hundred percent (100%) of the Contract Amount, within twenty (20) days after receipt of such notice.

The undersigned hereby acknowledges receipt of the following Addenda:

Addendum No.	Dated:
NONE	
<u>RFI Response #1</u>	<u>EMAILED 2/2/17</u>

If awarded the Contract, the undersigned agrees to complete the work within 120 calendar days following the execution of the Contract by all parties thereto and the issuance of the Notice to Proceed from GWA.

Attached hereto are the following: (1) an affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this proposal or any other proposal or the submitting of proposals for the Contract for which this bid is submitted; (2) proof of licensure on Guam to conduct the services specified in the bid; (3) proof of insurance in the types and amounts specified in the bid, including certificates and a copy of the complete policies which indicates coverages and exclusions; (4) Certification of Non-Employment of Convicted Sex Offenders; and (5) any other document requested under per the Bid Specifications.

The undersigned understands that the Guam Waterworks Authority reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of GWA.

RESPECTFULLY SUBMITTED BY: Pacific Rim Constructors, Inc.

(CONTRACTOR)

Keith J. Stewart

(BY)

President

(TITLE)

PO Box 11049 Tamuning, GU 96931

(BUSINESS ADDRESS)

Exhibit C (3 of 4)

Critical Wastewater Pump Stations Repairs - High Water Alarms GWA Project No. S16-002-EPA

BID SCHEDULE

Base Bid Description: The Base Bid generally consist of complete performance of work (materials, labor, and equipments) required for the replacement and uprades or providing new high alarms at pump stations, including telemetry systems to GWA Systems Control Center and telephone auto dialers.

Pay Item	Description	BASE BID			
		Qty.	Unit	Unit Cost	Sub-Total
1.0 General Requirements:					
1.1	Mobilization/Demobilization	1	LS	\$ 144,488.80	\$ 144,488.80
1.2	Bonding Fee and Insurance	1	LS	\$ 57,840.00	\$ 57,840.00
1.3	Permit Application Fee	1	LS	\$ 11,568.00	\$ 11,568.00
2.0 High Level Alarm Installations					
2.1	Southern Link high level alarm system - New	1	EA	\$ 59,986.00	\$ 59,986.00
2.2	Yigo high level alarm system - replacement and upgrade	1	EA	\$ 57,798.00	\$ 57,798.00
2.3	Harmon high level alarm system - replacement and upgrade	1	EA	\$ 58,382.00	\$ 58,382.00
2.4	Ypao high level alarm system - replacement and upgrade	1	EA	\$ 57,798.00	\$ 57,798.00
2.5	Agana Main high level alarm system - New	1	EA	\$ 57,798.00	\$ 57,798.00
2.6	Mamajanao high level alarm system - replacement and upgrade	1	EA	\$ 58,330.00	\$ 58,330.00
2.7	Barrigada high level alarm system - New	1	EA	\$ 56,999.00	\$ 56,999.00
2.8	Dairy Road high level alarm system - replacement and upgrade	1	EA	\$ 58,725.00	\$ 58,725.00
2.9	Mangilao high level alarm system - replacement and upgrade	1	EA	\$ 57,266.00	\$ 57,266.00
2.10	Tai Mangilao high level alarm system - replacement and upgrade	1	EA	\$ 57,798.00	\$ 57,798.00
2.11	Pago Double high level alarm system - New.	1	EA	\$ 56,423.00	\$ 56,423.00
2.12	New Chaot high level alarm system - replacement and upgrade	1	EA	\$ 57,532.00	\$ 57,532.00
2.13	Asan high level alarm system - replacement and upgrade	1	EA	\$ 58,901.00	\$ 58,901.00
2.14	Piti high level alarm system - replacement and upgrade	1	EA	\$ 58,901.00	\$ 58,901.00

Exhibit C (4 of 4)

2.15	Pump Station #13 high level alarm system - replacement and upgrade	1	EA	\$ 61,021.00	\$ 61,021.00
2.16	Pump Station #16 high level alarm system - replacement and upgrade	1	EA	\$ 60,094.00	\$ 60,094.00
2.17	Pump Station #17 high level alarm system - replacement and upgrade	1	EA	\$ 58,991.00	\$ 58,991.00
2.18	Inarajan Lift high level alarm system - replacement and upgrade	1	EA	\$ 59,257.00	\$ 59,257.00
2.19	Inarajan Main high level alarm system - replacement and upgrade	1	EA	\$ 58,991.00	\$ 58,991.00
2.20	High level alarm system equipment at GWA Systems Control Center	1	EA	\$ 69,000.00	\$ 69,000.00
2.21	One year cellular service from date of project acceptance	1	EA	\$ 36,000.00	\$ 36,000.00
3.0 Project Completion:					
3.10	As-built drawings, O&M Manuals, Training and contract closeout	1	LS	\$ 15,000.20	\$ 15,000.20
Sub-Total					\$ 1,444,888.00