



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

RESOLUTION NO. 04-FY2020

**RELATIVE TO APPROVAL OF GROUNDWATER PRODUCTION METER
REPLACEMENT PROJECT
GWA PROJECT NO. W19-001-BND**

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 operates approximately 100 groundwater production wells that range in production capacity from 50 to 755 gallons per minute and given GWA’s efforts to better account for water system losses, the measured volume of the ground water production wells will play an important role in the water audit; and

WHEREAS, GWA is working to improve measurement the volume of groundwater that is produced from the wells through properly functioning flow meters to ensure under-or-over reported total production volumes are mitigated; and

WHEREAS, these deficiencies affect non-revenue water calculations, making it difficult to track distribution system losses; and

WHEREAS, replacement of production meters will require unobstructed, straight run, and full pipe for the length of three or more pipe diameters upstream of the meter and two or more diameters downstream to be accurate; and

1 **WHEREAS**, the condition of well head discharge piping at many well sites are also in
2 poor condition due to excessive corrosion; and

3
4 **WHEREAS**, well head discharge piping needs to be standardized to reduce the number
5 of meters, valves, fittings, and accessories to be stored resulting to cost savings; and

6
7 **WHEREAS**, in June 2017, GWA retained Brown and Caldwell (BC) to field test 60
8 existing wellhead flowmeters and to develop bid-ready plans and specifications to replace faulty
9 flowmeters and to standardize well head discharge piping; and

10
11 **WHEREAS**, results of Brown and Caldwell (BC) meter tests using clamp on meter
12 showed gpm values were generally less than the existing meter's gpm values, with some reading
13 by 50 gpm or more; and

14
15 **WHEREAS**, GWA has advertised on August 2019 the Invitation For Bids (IFB-05-
16 ENG-2019) for Groundwater Production Meter Replacement Project wherein GWA is soliciting
17 bid proposals from experienced and responsive bidders for construction of the project; and

18
19 **WHEREAS**, this phase of work consists of furnishing all labor, tools, equipment and
20 materials including coordination with GWA Water Production Operations and Engineering to
21 construct all components described in the final design drawings and technical specifications
22 which include but are not limited to replacement of water meter and above ground well
23 discharge piping for 60 critical wells; and

24
25 **WHEREAS**, the bid schedule was divided into Basic Bid, Additive Bid No.1 and
26 Additive Bid No.2 due availability of funds; and

27
28 **WHEREAS**, the bid schedule states if the total Basic Bid is within the amount of funds
29 available, then award will be made to the responsive and responsible bidder submitting the
30 lowest Basic Bid Price and in the event the lowest responsive and responsible Bid exceeds the
31 available budget, GWA may reject individual Bid items until the Bid Amount fits within the
32

1 available budget, and if additional funding is obtained after the contract is executed, any or all
2 deleted Bid items may be restored via Change Order; and

3
4 **WHEREAS**, IFB packages were picked up by seven (7) interested parties, from which
5 GWA received bid proposal from one (1) of the seven (7) (SEE EXHIBIT A – Abstract of Bids)
6 before the bid proposals deadline of September 27, 2019; and

7
8 **WHEREAS**, GWA Engineering analyzed the bid proposal received and determined that
9 the bid package submitted by Giant Construction Corporation, the sole bidder, was responsive
10 and responsible, and met all the bid requirements set forth by GWA (SEE EXHIBIT B – Bid
11 Evaluation); and

12
13 **WHEREAS**, GWA Management finds Giant Construction Corporation Basic Bid Price
14 acceptable and now seeks CCU approval of the bid proposal amount of One Million Three
15 Hundred Seventy-Nine Thousand Four Hundred Five Dollars (\$1,379,405.00) attached hereto
16 (SEE EXHIBIT C – Bid Proposal); and

17
18 **WHEREAS**, GWA Management further seeks CCU approval of a ten percent (10%)
19 contingency to the Basic Bid proposal amount or One Hundred Thirty-Seven Thousand Nine
20 Hundred Forty Dollars and Fifty Cents (\$137,940.50) to bring the total authorized funding
21 amount to One Million Five Hundred Seventeen Thousand Three Hundred Forty-Five Dollars
22 and Fifty Cents (\$1,517,345.50); and

23
24 **WHEREAS**, GWA Management further seeks CCU approval to petition the Public
25 Utilities Commission approval of the contract given this project meets the Contract Review
26 Protocol requirements for GWA projects for which the use of Bond funds is intended; and

27
28 **WHEREAS**, funding for this project will be from the CIP Line Item PW 05-07 Meter
29 Replacement Program, IFCIP or any other CIP line item applicable to the project intent; and

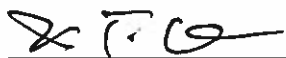
30
31 **NOW BE IT THEREFORE RESOLVED**; the Consolidated Commission on Utilities
32 does hereby approve the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. The CCU finds that the terms of the conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
3. The CCU hereby authorizes the management of GWA to accept the bid proposal from "Giant Construction Corporation." attached hereto as Exhibit C and which is incorporated into this Resolution in its entirety.
4. The CCU hereby further authorizes the management of GWA to enter into a contract with "Giant Construction Corporation" in the amount One Million Three Hundred Seventy-Nine Thousand Four Hundred Five Dollars (\$1,379,405.00).
5. The CCU hereby further approves the funding total of One Million Three Hundred Seventy-Nine Thousand Four Hundred Five Dollars (\$1,379,405.00) plus a ten percent (10%) contingency of One Hundred Thirty-Seven Thousand Nine Hundred Forty Dollars and Fifty Cents (\$137,940.50) for a total funding amount of One Million Five Hundred Seventeen Thousand Three Hundred Forty-Five Dollars and Fifty Cents (\$1,517,345.50).
6. The CCU hereby further approves funding for this project to be from the CIP Line Item PW 05-07 "Meter Replacement Program", IFCIP or any other CIP line item applicable to the project intent

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

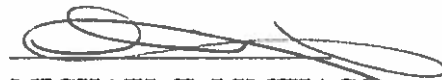
DULY AND REGULARLY ADOPTED, this 29th day of October 2019.

Certified by:



JOSEPH T. DUENAS
Chairperson

Attested by:



MICHAEL T. LIMTIACO
Secretary

1
2
3 **SECRETARY'S CERTIFICATE**
4

5 I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as
6 evidenced by my signature above do hereby certify as follows:
7

8 The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular
9 meeting by the members of the Guam Consolidated Commission on Utilities, duly and
10 legally held at a place properly noticed and advertised at which meeting a quorum was
11 present and the members who were present voted as follows:
12

13 AYES: 5

14 NAYS: 0

15 ABSTENTIONS: 0

16 ABSENT: 0



17 ///

18 ///

19 ///

20 ///

21 ///

22 ///

23 ///

ORIGINAL

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS


Project Name: GROUNDWATER WELL PRODUCTION METER REPLACEMENT
Project Number: W19-001-BND IFB NO.: IFB-05-ENG-2019

Bid Opening Date: September 27, 2019
Bid Opening Time: 3:00 PM

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										BASE BID	ADDITIVE BID NO. 1	ADDITIVE BID NO. 2
			Qualification Statement	Non Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage and Benefit Determination'	Major Shareholder Affidavit	Special Instructions to Bidders	Addendum				
											1				
1.	UTILITIES SERVICES SPECIALISTS INC. (USSI)														
2.	MCS CONTRACTORS														
3.	FRONTIER SUPPLY CO.														
4.	GIANT CONSTRUCTION CORPORATION	CASHIER CHECK \$ 415,500	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$1,379,405.00	\$ 687,960.00	\$ 698,565.00	
5.	JMI														
6.	PROPACIFIC BUILDER CORPORATION														
7.	HAWAII ENGINEERING SERVICES														
	GWA ESTIMATE	\$ 3,112,500													

TOTAL = \$2,765,930.00

Bids Opened and Read by:


SYLVIA Y. MERCADO
(Name and Signature)


Tabulated By:



ERNESTO VILLARIN
(Name and Signature)

GWA Procurement Representative:


ROLAND LUMONGSO
(Name and Signature)

Witnesses:


Mary Torres 9.27.19





GUAM WATERWORKS AUTHORITY

"Better Water, Better Lives."

Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913

Tel: (671) 300-6846

SUMMARY EVALUATION DATA AND AWARD RECOMMENDATION

1. Project: Groundwater Well Production Meter Replacement
2. Bid Submission Date: September 27, 2019, 3:00 p.m.
3. Bid Evaluation Summary:

No.	Bidder	Opening Bid Price	Substantially Responsive (Yes or No.)	Evaluated/ Corrected Bid Price	Rank	Remarks
1.	Giant Construction Corporation	\$2,765,930.00	Yes	\$2,765,930.00		No arithmetic errors found. Submitted required documents listed in the Abstract of Bids
a.	Basic Bid	\$1,379,405.00		\$1,379,405.00		
b.	Additive Bid No. 1	\$ 687,960.00		\$ 687,960.00		
c.	Additive Bid. No. 2	\$ 698,565.00		\$ 698,565.00		

GWA/Engineers Estimate	-	\$3,112,500.00
Basic Bid	-	\$1,556,250.00
Additive Bid No. 1	-	\$ 778,125.00
Additive Bid No. 2	-	\$ 778,125.00

4. The sole bidder (Giant Construction Corporation) bid package included all the required bidding forms as described on the procurement checklist as part of the solicitation. No arithmetic errors found in the bid prices. The Basic Bid Price (which is the basis of award) submitted by the bidder is lower than GWA/Engineer's estimate. The same is true for Additive Bid 1 and 2. Giant Construction Company has satisfactorily completed several projects with GWA.
5. On the basis of the evaluation which was carried out in accordance with the Bidding Documents, I recommend accepting the bid of the sole bidder (Giant Construction Corporation), which has been determined as qualified and capable of performing the contract, in accordance with the Bidding Document.

Evaluated By:

Ernesto Villarin, Project Engineer
(name)


 (signature)

10/08/19
 (date)

Groundwater Well Production Meter Replacement					
GWA Project No. W19-001-BND					
BASIC BID					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
1	Mobilization and Demobilization (Maximum of 5% of the sum of Bid Price Items 2 thru 31)	LS	1	\$ <u>64,905.-</u>	\$ <u>64,905.00</u>
2	Well Y-15	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
3	Well Y-07	LS	1	\$ <u>44,800.00</u>	\$ <u>44,800.00</u>
4	Well Y-20	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
5	Well Y-19	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
6	Well AG-02A	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
7	Well Y-09	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
8	Well HGC-2	LS	1	\$ <u>43,800.00</u>	\$ <u>43,800.00</u>
9	Well F-15	LS	1	\$ <u>44,800.00</u>	\$ <u>44,800.00</u>
10	Well H-01	LS	1	\$ <u>49,800.00</u>	\$ <u>49,800.00</u>
11	Well Y-14	LS	1	\$ <u>44,200.00</u>	\$ <u>44,200.00</u>
12	Well D-25	LS	1	\$ <u>39,500.00</u>	\$ <u>39,500.00</u>
13	Well D-27	LS	1	\$ <u>44,200.00</u>	\$ <u>44,200.00</u>
14	Well F-13	LS	1	\$ <u>44,200.00</u>	\$ <u>44,200.00</u>
15	Well Y-21A	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
16	Well M-18	LS	1	\$ <u>44,200.00</u>	\$ <u>44,200.00</u>
17	Well Y-22	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
18	Well Y-23	LS	1	\$ <u>41,500.00</u>	\$ <u>41,500.00</u>

Addendum No. 1

19	Well Y-17	LS	1	\$ <u>44,500.00</u>	\$ <u>44,500.00</u>
20	Well D-01	LS	1	\$ <u>49,800.00</u>	\$ <u>49,800.00</u>
21	Well EX-05	LS	1	\$ <u>40,800.00</u>	\$ <u>40,800.00</u>
22	Well Y-18	LS	1	\$ <u>43,600.00</u>	\$ <u>43,600.00</u>
23	Well AG-01	LS	1	\$ <u>39,800.00</u>	\$ <u>39,800.00</u>
24	Well Y-10	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
25	Well D-26	LS	1	\$ <u>42,600.00</u>	\$ <u>42,600.00</u>
26	Well A-04	LS	1	\$ <u>49,400.00</u>	\$ <u>49,400.00</u>
27	Well F-17	LS	1	\$ <u>39,500.00</u>	\$ <u>39,500.00</u>
28	Well F-18	LS	1	\$ <u>39,500.00</u>	\$ <u>39,500.00</u>
29	Well A-13	LS	1	\$ <u>48,800.00</u>	\$ <u>48,800.00</u>
30	Well Y-12	LS	1	\$ <u>39,500.00</u>	\$ <u>39,500.00</u>
31	Well A-10	LS	1	\$ <u>49,800.00</u>	\$ <u>49,800.00</u>
TOTAL BASE BID					\$ <u>1,379,405.00</u>

Groundwater Well Production Meter Replacement					
GWA Project No. W19-001-BND					
ADDITIVE BID NO. 1					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
1	Mobilization and Demobilization (Maximum of 5% of the sum of Bid Price Items 2 thru 16)	LS	1	\$ <u>32,760.00</u>	\$ <u>32,760.00</u>
2	Well A-15	LS	1	\$ <u>48,800.00</u>	\$ <u>48,800.00</u>
3	Well F-16	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
4	Well D-19	LS	1	\$ <u>47,800.00</u>	\$ <u>47,800.00</u>
5	Well M-23	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
6	Well A-21	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
7	Well EX-11	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
8	Well A-08	LS	1	\$ <u>47,800.00</u>	\$ <u>47,800.00</u>
9	Well D-15	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
10	Well F-19	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
11	Well F-20	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
12	Well M-21	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
13	Well D-28	LS	1	\$ <u>42,200.00</u>	\$ <u>42,200.00</u>
14	Well D-07	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
15	Well D-06	LS	1	\$ <u>47,800.00</u>	\$ <u>47,800.00</u>
16	Well D-02	LS	1	\$ <u>47,800.00</u>	\$ <u>47,800.00</u>
TOTAL ADDITIVE BID NO. 1					\$ <u>687,960.00</u>

Groundwater Well Production Meter Replacement					
GWA Project No. W19-001-BND					
ADDITIVE BID NO. 2					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
1	Mobilization and Demobilization (Maximum of 5% of the sum of Bid Price Items 2 thru 16)	LS	1	\$ <u>33,265.00</u>	\$ <u>33,265.00</u>
2	Well M-02	LS	1	\$ <u>49,300.00</u>	\$ <u>49,300.00</u>
3	Well D-24	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
4	Well M-03	LS	1	\$ <u>48,800.00</u>	\$ <u>48,800.00</u>
5	Well M-05	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
6	Well M-07	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
7	Well F-07	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
8	Well F-06	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
9	Well F-08	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
10	Well F-11	LS	1	\$ <u>43,200.00</u>	\$ <u>43,200.00</u>
11	Well A-14	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
12	Well F-04	LS	1	\$ <u>40,500.00</u>	\$ <u>40,500.00</u>
13	Well F-02	LS	1	\$ <u>40,800.00</u>	\$ <u>40,800.00</u>
14	Well M-01	LS	1	\$ <u>48,800.00</u>	\$ <u>48,800.00</u>
15	Well X-XX	LS	1	\$ <u>49,800.00</u>	\$ <u>49,800.00</u>
16	Well X-XX	LS	1	\$ <u>49,800.00</u>	\$ <u>49,800.00</u>
TOTAL ADDITIVE BID NO. 2					\$ <u>698,565.00</u>

Groundwater Well Production Meter Replacement GWA Project No. W19-001-BND	
BID SUMMARY	
TOTAL BASIC BID AMOUNT	\$ <u>1,379,405.00</u>
TOTAL ADDITIVE BID NO. 1	\$ <u>687,960.00</u>
TOTAL ADDITIVE BID NO. 2	\$ <u>698,565.00</u>
GRAND TOTAL (BASIC BID + ADDITIVE BID 1 + ADDITIVE BID 2)	\$ <u>2,765,930.00</u>
<u>Two Million Seven Hundred Sixty Five Thousand</u> <u>Nine Hundred Thirty Only</u> (Price in Words)	

(If the Total Base Bid is within the amount of funds available, then the award will be made to the responsive and responsible bidder submitting the lowest Base Bid Price. In the event the lowest responsive and responsible Bid exceeds the available budget, GWA may reject individual Bid Items until the Bid Amount fits within the available budget. If additional funding is obtained after the contract is executed, any or all deleted Bid items may be restored via Change Order.)

- A) Where lump sum prices are in the bidding schedule, they shall include all labor, materials and equipment necessary to produce a complete and finished job.
- B) When no specific item is listed in the bidding schedule for work required, the cost of such work shall be included in the price bid for the item which most appropriately covers the work.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;
 - E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor's License No.: 4096
 - G. Required Bidder Qualification Statement with supporting data; and
 - H. Certificates, Affidavits and Forms listed in Section 00 90 00 as required by Laws and Regulations.

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

Giant Construction Corp.

By:

[Signature]



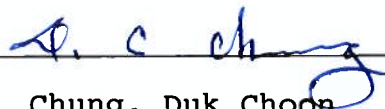
[Printed name]

Chung, In Chul

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]



[Printed name]

Chung, Duk Choon

Title:

President

Submittal Date:

Address for giving notices:

308 E. Harmon Industrial Park Harmon Guam 96913

Telephone Number:

489-2711, 646-2375

Fax Number:

Contact Name and e-mail address:

giantconst@gmail.com

Bidder's License No.:

4096

(where applicable)