



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. 50-FY2018

**RELATIVE TO CONTRACT APPROVAL FOR THE TALOFOFO SEWER
IMPROVEMENT PROJECT; S16-004-EPA**

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 has received a grant from USEPA, under the State Revolving Fund (SRF) program, to make improvements to the GWA wastewater collection system; and

WHEREAS, the development of infrastructure made by the Government of Guam in the Village of Talofofo in the 1990’s included the installation of roads, water and sewer pipelines, and power lines; and

WHEREAS, funds during the 1990s Talofofo infrastructure improvements were depleted prior to the construction of five wastewater pump stations; and

WHEREAS, GWA has been required to provide both contracted and in-house pumper truck service, other equipment and manpower, three to five times per week over the past twenty-plus years, which has been determined to be inefficient and costly to pump-out the accumulated wastewater and transport it to the closest receiving facility; and

1 **WHEREAS**, the frequent operation of mobile wastewater pumping and hauling, and the
2 occasional spilling of wastewater, is an unacceptable nuisance and potential health risk to the
3 residents of Talofoto, and an excessive operational expense for GWA; and

4
5 **WHEREAS**, Pump stations will enable the future construction of homes on the
6 numerous vacant lots in the village to be connected to the sewer system; and

7
8 **WHEREAS**, USEPA has granted SRF funding to construct five (5) wastewater pump
9 stations, which will eliminate the potential health risks and costs associated with mobile pumping
10 and hauling; and

11
12 **WHEREAS**, in April 2016 GWA issued an RFP to procure engineering design services,
13 and in July 2016, CCU resolution 50-FY2016 authorized GWA to enter into a contract with
14 EMPSCO Engineering Consultants to design five new pump stations; and

15
16 **WHEREAS**, in August 2016, GWA executed a contract with EMPSCO as the Design
17 Engineer to provide plans and specifications in order to offer for bidding the construction of the
18 five pump stations; and

19
20 **WHEREAS**, on June 19, 2018, GWA advertised the Invitation to Bid (IFB-07-ENG-
21 2018) for the Talofoto Sewer Improvement project soliciting bids from experienced and
22 responsive contractors to perform the work found in the plans and specifications; and

23
24 **WHEREAS**, on August 22, 2018, GWA received four bids (SEE EXHIBIT A – Abstract
25 of Bids) before the bid proposal deadline; and

26
27 **WHEREAS**, the project Design Engineer, in conjunction with GWA, analyzed the bid
28 proposals and determined that Giant Construction Corporation submitted the lowest responsive
29 and responsible bid and met all the bid requirements set forth by GWA (SEE EXHIBIT B –
30 Evaluation of Bids); and

1 **WHEREAS**, GWA discovered a mathematical error in Giant Construction Corporation's
2 bid proposal in the amount of Forty-Seven Thousand Seven Hundred Dollars (\$47,700.00),
3 which results in a corrected bid amount of Two Million Four Hundred Eleven Thousand Four
4 Hundred Eighteen Dollars (\$2,411,418.00), as confirmed by Giant Construction Corporation
5 (SEE EXHIBIT C –Bid Confirmation); and

6
7 **WHEREAS**, GWA seeks CCU approval of the total bid proposal in the amount of Two
8 Million Four Hundred Eleven Thousand Four Hundred Eighteen Dollars (\$2,411,418.00); and

9
10 **WHEREAS**, GWA further seeks CCU approval of the total bid proposal in the amount
11 of Two Million Four Hundred Eleven Thousand Four Hundred Eighteen Dollars (\$2,411,418.00)
12 plus a ten percent (10%) contingency of Two Hundred Forty-One Thousand One Hundred Forty-
13 One Dollars and Eighty Cents (\$241,141.80), to bring the total authorized funding amount to
14 Two Million Six Hundred Fifty-Two Thousand Five Hundred Fifty-Nine Dollars and Eighty
15 Cents (\$2,652,559.80); and

16
17 **WHEREAS**, funding for this project will be from the USEPA State Revolving Fund and,
18 if necessary, GWA Bond funds and/or SDC funds applicable to this project; and

19
20 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
21 does hereby approve the following:

- 22 1. The recitals set forth above hereby constitute the findings of the CCU.
- 23 2. The CCU finds that the terms and conditions set by GWA relative to
24 commencement of work activities are fair and reasonable, and serve as a
25 measure of Quality Assurance/Quality Control (QA/QC).
- 26 3. The CCU hereby authorizes GWA to accept the confirmed bid proposal from
27 Giant Construction Corporation (EXHIBIT C).
- 28 4. The CCU further authorizes GWA to enter into a contract with Giant
29 Construction Corporation in the amount of Two Million Four Hundred Eleven
30 Thousand Four Hundred Eighteen Dollars (\$2,411,418.00).
- 31 5. The CCU further authorizes the funding total of Two Million Four Hundred
32 Eleven Thousand Four Hundred Eighteen Dollars (\$2,411,418.00), plus a ten

1 percent (10%) contingency of Two Hundred Forty-One Thousand One
2 Hundred Forty-One Dollars and Eighty Cents (\$241,141.80), for a total
3 authorized funding amount of Two Million Six Hundred Fifty-Two Thousand
4 Five Hundred Fifty-Nine Dollars and Eighty Cents (\$2,652,559.80).

5 6. The CCU further authorizes the funding for this project will be from the
6 USEPA State Revolving Fund and, if necessary, GWA Bond funds and/or
7 SDC funds applicable to this project.

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

11 **DULY AND REGULARLY ADOPTED**, this 25th day of September, 2018.

12
13 Certified by:

14 
15 JOSEPH T. DUENAS
16 Chairperson

13 Attested by:

14 
15 J. GEORGE BAMBA
16 Secretary

17
18 **SECRETARY'S CERTIFICATE**

19
20 I, J. George Bamba, Board Secretary of the Consolidated Commission on Utilities as
21 evidenced by my signature above do hereby certify as follows:

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

26 AYES: 5
27 NAYS: 0
28 ABSTENTIONS: 0
29 ABSENT: 0



30
31
32 ///

ORIGINAL

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

Project Name: TALOFOFO SEWER IMPROVEMENT


Bid Opening Date: August 22, 2018
Time: 3:00 p.m.

Project Number: S16-004-EPA

IFB NO.: IFB-07-ENG-2018

Exhibit A (1 of 1)

Qualified Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										Base Bid Amount				
		Qualifications Statement	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Shareholders Affidavit	Special Instructions to Bidders	Addendum						
										1	2		3	4	5	
1. MEGA UNITED CORPORATION	First Nat Insurance Company 15% of total bid amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$ 2,689,358.00
2. KORAMO CORPORATION	Leeson Insurance Company 15% of total bid amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$ 3,293,891.00
3. PROPACIFIC BUILDER CORPORATION	No bid submitted															
4. INFRA TECH INTERNATIONAL, LLC	No bid submitted															
5. CORE TECH INTERNATIONAL CORP.	No bid submitted															
6. GIANT CONSTRUCTION CORPORATION	Ap bid submitted Pacific Indemnity Ins. Comp. 15% of bid. And Fidelity and Deposit Co at amount 15% Acc & Bid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$ 2,363,718.00
7. BME & SONS INC.	No bid submitted	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$ 3,852,546.93
8. ORION CONSTRUCTION CORPORATION	No bid submitted															
9. IAN CORPORATION	No bid submitted															
GWA Estimate																\$ 9,569,053.24




Bids Opened and Read by:

GLORIA P. BENSAN
(Name and Signature)

Tabulated By:

RYCHA CA RANO
(Name and Signature)

GWA Procurement Representative:

V. HENOCK
(Name and Signature)

Witnesses:

RME & SONS, INC.

JACOB MILLER

JACK KIM (KORAMO)



EVALUATION OF BID

Project name: Talofof Sewer Improvement
Project Number: S16-004-EPA
IFB NO. : ifb-07-ENG-2018

Date: September 6, 2018

Purpose of Bid evaluation

The main purpose of this bid evaluation is to determine the lowest substantially responsive bid among the bids submitted. A tabulation of bid amount of all qualified bidders is created to determine the lowest substantially responsive bidder. See Next page for tabulation.

Bid opening

1. Bid opening was held on August 22, 2018, 3:00 PM at GWA Gayu Conference room, Room 201.
2. All requirements of the bid have been submitted by all Bidders.
3. All bid submissions by all Bidders include all the required bidding forms submitted as part of the bid package.

Bid evaluation:

1. Best Evaluated Bid: Key finding pertained to the lowest substantially responsive evaluated bidder.
Lowest Bidders = GIANT CONSTRUCTION CORPORATION
Base Bid amount = \$ 2,363,718.00
2. Engineering Estimate (GWA Estimate) = \$ 2,569,053.24
3. Calculated discrepancy by GIANT CONSTRUCTION CORPORATION
 - a. Base Bid amount = \$ 2,363,718.00
 - b. Correct base Bid amount = \$ 2,411,418.00 (based on Total amount of Base bid, Refer to Tabulation)
 - c. Difference = \$ 47,700.00
 - d. 0.65% below the Engineering Estimate
4. Despite discrepancy, the correct base bid amount by GIANT CONSTRUCTION CORPORATION is **LOWER THAN** the bid amount submitted by MEGA UNITED CORPORATION.

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (2 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
I. BASE BID - CHALAN KANTON LADERA STREET STATION 1									
General Requirements									
	Mobilization and Demobilization to include @ 8-in Pneumatic Pipe Plugs w 3/16-in eyebolt for removal and 1/2-in threaded inflation valve; Cherne Inc. Part 041386 or equal	1	LS	\$ 20,157.43	\$ 21,854.46	\$ 22,800.00	\$ 20,000.00	\$ 15,185.00	
2.	Insurance and Bonds	1	LS	\$ 9,731.86	\$ 36,909.17	\$ 28,800.00	\$ 23,000.00	\$ 26,060.00	
3.	Permits	1	LS	\$ 3,041.15	\$ 13,659.04	\$ 4,300.00	\$ 10,000.00	\$ 10,000.00	
Civil and Structural Works									
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	178	SY	\$ 4,392.83	\$ 3,647.22	\$ 2,670.00	\$ 3,916.00	\$ 3,560.00	
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete.	178	SY	\$ 11,439.73	\$ 26,744.50	\$ 14,240.00	\$ 15,842.00	\$ 25,810.00	
6.	Installation of new 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	21	LF	\$ 7,488.86	\$ 15,182.37	\$ 4,410.00	\$ 11,550.00	\$ 3,150.00	
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	780	LF	\$ 42,191.11	\$ 112,226.40	\$ 50,700.00	\$ 51,480.00	\$ 117,000.00	

Exhibit B (3 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	\$ 26,093.59	\$ 11,704.05	\$ 8,600.00	\$ 16,000.00	\$ 13,500.00	
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	\$ 3,677.12	\$ 7,168.46	\$ 5,300.00	\$ 4,500.00	\$ 5,500.00	

Exhibit B (4 of 20)

TALOFOFO SEWER IMPROVEMENT
GWA Project No. S16-004-EPA
BID PRICE COMPARISION

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	\$ 12,889.60	\$ 22,577.69	\$ 28,000.00	\$ 35,000.00	\$ 8,250.00	
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	\$ 11,452.23	\$ 7,283.34	\$ 7,740.00	\$ 34,400.00	\$ 2,580.00	
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	\$ 10,713.95	\$ 2,950.32	\$ 3,000.00	\$ 10,800.00	\$ 3,000.00	
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	\$ 5,154.02	\$ 4,222.02	\$ 5,720.00	\$ 29,700.00	\$ 2,200.00	
14.	24 Hours Bypass pumping	1	LS	\$ 8,768.66	\$ 8,536.90	\$ 9,800.00	\$ 12,000.00	\$ 2,500.00	
15.	USEPA and GWA Project signs, complete	2	EA	\$ 3,000.00	\$ 11,610.18	\$ 2,600.00	\$ 6,000.00	\$ 1,000.00	
Mechanical and Plumbing Works									
16.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	\$ 149,527.45	\$ 170,799.21	\$ 98,000.00	\$ 110,000.00	\$ 147,479.17	

Exhibit B (5 of 20)

**TALOFOFO SEWER IMPROVEMENT
GWA Project No. S16-004-EPA
BID PRICE COMPARISON**

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
17.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	\$ 84,636.15	\$ 99,775.05	\$ 56,000.00	\$ 170,000.00	\$ 55,100.46	
	Electrical Works								
18.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$ 85,010.37	\$ 158,163.09	\$ 52,500.00	\$ 55,000.00	\$ 84,505.67	
	TOTAL BASE BID ITEM NO. 1 (Items 1 through 18)			\$ 499,366.11	\$ 735,013.47	\$ 405,180.00	\$ 619,188.00	\$ 526,380.30	

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (6 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
II. BASE BID - LEONARDO TENORIO STREET									
General Requirements									
1.	Mobilization and Demobilization	1	LS	\$ 18,921.24	\$ 13,659.04	\$ 26,500.00	\$ 24,000.00	\$ 15,185.00	
2.	Insurance and Bonds	1	LS	\$ 9,839.04	\$ 39,324.69	\$ 31,600.00	\$ 28,000.00	\$ 26,060.00	
3.	Permits	1	LS	\$ 3,074.64	\$ 13,659.04	\$ 53,000.00	\$ 12,000.00	\$ 10,000.00	
Civil and Structural Works									
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	194	SY	\$ 3,908.67	\$ 3,975.06	\$ 2,910.00	\$ 4,268.00	\$ 3,880.00	
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	194	SY	\$ 12,468.02	\$ 29,148.50	\$ 15,520.00	\$ 17,266.00	\$ 28,130.00	
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	32	LF	\$ 8,653.82	\$ 23,244.48	\$ 10,560.00	\$ 16,800.00	\$ 4,800.00	
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	579	LF	\$ 34,650.56	\$ 86,629.98	\$ 38,214.00	\$ 38,214.00	\$ 86,850.00	
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	\$ 26,093.59	\$ 12,530.88	\$ 9,800.00	\$ 16,000.00	\$ 13,500.00	

Exhibit B (7 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	\$ 3,677.12	\$ 7,168.46	\$ 5,300.00	\$ 4,500.00	\$ 5,500.00	
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	\$ 12,889.60	\$ 22,577.69	\$ 28,000.00	\$ 35,000.00	\$ 8,250.00	

Exhibit B (8 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	\$ 11,452.23	\$ 6,812.92	\$ 7,740.00	\$ 34,400.00	\$ 3,010.00	
12	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	\$ 10,713.95	\$ 2,950.32	\$ 3,000.00	\$ 10,800.00	\$ 3,000.00	
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	\$ 5,154.02	\$ 4,222.02	\$ 5,720.00	\$ 29,700.00	\$ 2,200.00	
14.	24 Hours Bypass pumping	1	LS	\$ 8,768.66	\$ 6,146.57	\$ 10,500.00	\$ 12,000.00	\$ 2,500.00	
Mechanical and Plumbing Works									
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	\$ 164,754.80	\$ 239,816.86	\$ 185,800.00	\$ 125,000.00	\$ 147,479.17	
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	\$ 84,636.15	\$ 104,159.60	\$ 59,000.00	\$ 170,000.00	\$ 85,243.00	

Exhibit B (9 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$ 85,209.79	\$ 167,087.70	\$ 56,200.00	\$ 55,000.00	\$ 94,506.00	
TOTAL BASE BID ITEM NO. II (Items 1 through 17)				\$ 504,865.90	\$ 783,113.81	\$ 549,364.00	\$ 632,948.00	\$ 540,093.17	Giant indicated the sum of \$501,664 in his bid

Exhibit B (10 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation		
III. BASE BID - E. JOHNNY S. TAITAGUE STREET										
General Requirements										
1.	Mobilization and Demobilization	1	LS	\$ 19,550.09	\$ 13,659.04	\$ 27,400.00	\$ 20,000.00	\$ 15,185.00		
2.	Insurance and Bonds	1	LS	\$ 10,166.04	\$ 38,880.87	\$ 35,000.00	\$ 25,000.00	\$ 26,060.00		
3.	Permits	1	LS	\$ 3,176.83	\$ 13,659.04	\$ 5,800.00	\$ 13,000.00	\$ 10,000.00		
Civil and Structural Works										
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	162	SY	\$ 3,414.41	\$ 3,319.38	\$ 2,430.00	\$ 3,564.00	\$ 3,240.00		
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	162	SY	\$ 10,411.44	\$ 24,340.50	\$ 12,960.00	\$ 14,418.00	\$ 23,490.00		
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals in place, complete in place.	60	LF	\$ 10,091.15	\$ 25,984.80	\$ 14,400.00	\$ 31,500.00	\$ 9,000.00		
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	495	LF	\$ 30,588.12	\$ 72,299.70	\$ 32,175.00	\$ 32,670.00	\$ 74,250.00		
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	\$ 26,093.59	\$ 12,394.29	\$ 9,900.00	\$ 16,000.00	\$ 13,500.00		

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (11 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	\$ 3,677.12	\$ 7,168.46	\$ 5,300.00	\$ 4,500.00	\$ 5,500.00	
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	\$ 12,889.60	\$ 22,577.69	\$ 28,000.00	\$ 35,000.00	\$ 8,250.00	
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	\$ 11,452.23	\$ 6,812.92	\$ 7,740.00	\$ 34,400.00	\$ 3,010.00	
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	\$ 10,713.95	\$ 2,950.32	\$ 3,000.00	\$ 10,800.00	\$ 3,000.00	
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	\$ 5,154.02	\$ 4,222.02	\$ 5,720.00	\$ 29,700.00	\$ 2,200.00	
14.	24 Hours Bypass pumping	1	LS	\$ 8,768.66	\$ 6,146.57	\$ 10,600.00	\$ 12,000.00	\$ 2,500.00	
Mechanical and Plumbing Works									

Exhibit B (12 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	\$ 187,719.42	\$ 251,699.68	\$ 208,700.00	\$ 110,000.00	\$ 147,479.17	
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	\$ 84,636.15	\$ 104,364.50	\$ 72,000.00	\$ 170,000.00	\$ 85,243.00	
	Electrical Works								
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$ 83,142.30	\$ 163,797.72	\$ 58,700.00	\$ 55,000.00	\$ 94,506.00	
TOTAL BASE BID ITEM NO. III, Items 1 through 17				\$ 521,645.12	\$ 774,277.50	\$ 539,825.00	\$ 617,552.00	\$ 526,413.17	BME indicated a total of \$774,477.50 in his bid.

Exhibit B (13 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation		
IV. BASE BID - CHALAN KANTON LADERA STREET STATION 2										
General Requirements										
1.	Mobilization and Demobilization	1	LS	\$ 16,571.86	\$ 13,659.04	\$ 21,800.00	\$ 24,000.00	\$ 15,185.00		
2.	Insurance and Bonds	1	LS	\$ 8,617.37	\$ 30,377.19	\$ 25,000.00	\$ 28,000.00	\$ 26,060.00		
3.	Permits	1	LS	\$ 2,692.88	\$ 13,659.04	\$ 3,900.00	\$ 10,000.00	\$ 10,000.00		
Civil and Structural Works										
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	42	SY	\$ 828.81	\$ 859.74	\$ 714.00	\$ 924.00	\$ 840.00		BME indicated a sum of \$860.58 in his bid
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	42	SY	\$ 2,699.26	\$ 6,310.50	\$ 3,570.00	\$ 3,738.00	\$ 6,090.00		
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	63	LF	\$ 7,213.57	\$ 22,780.80	\$ 11,970.00	\$ 33,075.00	\$ 9,450.00		
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	63	LF	\$ 5,098.99	\$ 18,018.00	\$ 4,410.00	\$ 4,158.00	\$ 9,450.00		
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channelling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	\$ 26,093.59	\$ 12,394.29	\$ 9,900.00	\$ 16,000.00	\$ 13,500.00		

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (14 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	\$ 3,677.12	\$ 7,102.90	\$ 5,300.00	\$ 4,500.00	\$ 5,500.00	
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	\$ 12,889.60	\$ 22,577.69	\$ 28,000.00	\$ 35,000.00	\$ 8,250.00	

Exhibit B (15 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	\$ 11,452.23	\$ 6,812.92	\$ 7,740.00	\$ 34,400.00	\$ 3,010.00	
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	\$ 10,713.95	\$ 2,950.32	\$ 3,000.00	\$ 10,800.00	\$ 3,000.00	
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	\$ 5,154.02	\$ 4,222.02	\$ 5,720.00	\$ 29,700.00	\$ 2,200.00	
14	24 Hours Bypass pumping	1	LS	\$ 8,768.66	\$ 6,146.57	\$ 9,800.00	\$ 12,000.00	\$ 2,500.00	
	Mechanical and Plumbing Works								
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	\$ 151,350.14	\$ 169,177.38	\$ 99,700.00	\$ 120,000.00	\$ 147,479.17	
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	\$ 84,636.15	\$ 100,048.24	\$ 54,900.00	\$ 170,000.00	\$ 55,100.46	
	Electrical Works								

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (16 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$ 83,720.43	\$ 167,835.48	\$ 53,200.00	\$ 65,000.00	\$ 84,505.00	
TOTAL BASE BID ITEM NO. IV (Items 1 through 17)				\$ 442,178.63	\$ 604,932.12	\$ 348,624.00	\$ 601,295.00	\$ 402,119.63	

Exhibit B (17 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
V. BASE BID - CHALAN AYUYU									
General Requirements									
1.	Mobilization and Demobilization	1	LS	\$ 20,102.97	\$ 13,659.04	\$ 29,800.00	\$ 24,000.00	\$ 15,185.00	
2.	Insurance and Bonds	1	LS	\$ 10,453.55	\$ 43,323.71	\$ 34,900.00	\$ 28,000.00	\$ 26,060.00	
3.	Permits	1	LS	\$ 3,266.67	\$ 13,659.04	\$ 6,300.00	\$ 10,000.00	\$ 10,000.00	
Civil and Structural Works									
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	330	SY	\$ 6,973.40	\$ 6,761.70	\$ 4,950.00	\$ 7,260.00	\$ 6,600.00	
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	330	SY	\$ 21,208.49	\$ 49,582.50	\$ 26,400.00	\$ 29,370.00	\$ 47,850.00	
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	56	LF	\$ 11,484.07	\$ 39,763.92	\$ 10,920.00	\$ 29,400.00	\$ 8,400.00	
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	1083	LF	\$ 58,696.10	\$ 166,987.77	\$ 70,395.00	\$ 71,478.00	\$ 162,450.00	
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	\$ 26,093.59	\$ 12,394.29	\$ 9,900.00	\$ 16,000.00	\$ 13,500.00	

Exhibit B (18 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS				Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	\$ 3,677.12	\$ 7,102.90	\$ 5,300.00	\$ 4,500.00	\$ 5,500.00	
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	\$ 12,889.60	\$ 22,577.69	\$ 28,000.00	\$ 35,000.00	\$ 8,250.00	
11.	8' x 8' Concrete masonry wall for electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	\$ 11,452.23	\$ 6,812.92	\$ 7,740.00	\$ 34,400.00	\$ 3,010.00	
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	\$ 10,713.95	\$ 2,950.32	\$ 3,000.00	\$ 10,800.00	\$ 3,000.00	
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	\$ 5,154.02	\$ 4,222.02	\$ 5,720.00	\$ 29,700.00	\$ 2,200.00	
14.	24 Hours Bypass pumping	1	LS	\$ 8,768.66	\$ 6,146.57	\$ 9,800.00	\$ 12,000.00	\$ 2,500.00	
Mechanical and Plumbing Works									
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	\$ 153,163.96	\$ 174,898.97	\$ 108,500.00	\$ 110,000.00	\$ 147,479.17	

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

Exhibit B (19 of 20)

No.	Description	Qty	Unit	ENG'S ESTIMATE		CONTRACTORS			Remarks/ Comments
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation	Mega United Corporation	
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work. Electrical Works	2	SET	\$ 84,636.14	\$ 100,048.24	\$ 56,000.00	\$ 170,000.00	\$ 55,100.46	
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$ 87,662.96	\$ 172,948.55	\$ 52,200.00	\$ 55,000.00	\$ 84,505.00	
TOTAL BASE BID ITEM NO. V (Items 1 through 17)				\$ 536,397.48	\$ 843,840.15	\$ 469,825.00	\$ 676,908.00	\$ 601,589.63	BME indicated total of \$ 845,640.15 in his bid

Exhibit B (20 of 20)

TALOFOFO SEWER IMPROVEMENT
 GWA Project No. S16-004-EPA
 BID PRICE COMPARISON

No.	Description	Qty	Unit	ENG'S ESTIMATE	CONTRACTORS			Remarks/ Comments	
				GWA Estimate	BME & Sons	Giant Construction Corporation	Korando Corporation		Mega United Corporation
VI. BASE BID - GENERATOR SETS									
1.	Towable 60kW diesel Generator Set; with single point lifting eye and four-point tie down system for detaching the generator set and fuel tank from the trailer.	2	EA	\$ 64,600.00	\$ 109,369.04	\$ 98,600.00	\$ 96,000.00	\$ 92,332.10	
TOTAL BASE BID ITEM NO. VI.				\$ 64,600.00	\$ 109,369.04	\$ 98,600.00	\$ 96,000.00	\$ 92,332.10	
GRAND TOTAL				\$ 2,569,053.24	\$ 3,850,546.09	\$ 2,411,418.00	\$ 3,243,891.00	\$ 2,688,928.00	GIANT indicate a total of \$2,363,718 in his bid



Exhibit C (1 of 18)
GIANT CONSTRUCTION CORP.

P.O. Box 9578 Tamuning, Guam 96931
Tel.: (671) 649-6472 • Fax.: (671) 646-3693
E-mail: giantconst@gmail.com

Sep. 04, 2018

Guam Waterworks Authority

Mr. Miguel Bordallio

General manager

P.O. Box 3010

Hagatna, Guam 96913

Attention : Mr. Thomas Cruz
Chief Engineer

Project : Talofof Sewer Improvement
Project No. S16-004-EPA

Subject : Bid Confirmation

Dear Sir or Madam

Hafa Adai! This is to confirm our bid submitted on 3:00 PM Aug. 22, 2018. The bid amount is \$2,411,418.00 for the construction of various area of lift Station with valve pit and Sewer manhole, 4" forcemain, and 8" gravity sewer line with connection. We were the lowest bidder of above project bidding. We are waiting for your notice of award.

Your notice of award and proceed is highly appreciated.

Sincerely yours,

Chung, In Chul
Vice-President

Received by:
gbensan
9-5-18

ORIGINAL

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

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

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>Addendum No. 1</u>	<u>July 05, 2018</u>
<u>2</u>	<u>July 18, 2018</u>
<u>3</u>	<u>July 24, 2018</u>
<u>4</u>	<u>Aug. 07, 2018</u>
<u>5</u>	<u>Aug. 21, 2018</u>

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

- D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.
- E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
- F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

Exhibit C (4 of 18)

Addendum No. 4

ARTICLE 5 - BASIS OF BID

- 5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):

Exhibit C (5 of 18)

Addendum No. 4

**GUAM WATERWORKS AUTHORITY
TALOFOFO SEWER IMPROVEMENT
GWA Project No. S16-004-EPA**

BASE BID

Base Bid Description: The base bid item consists but not specifically limited to, installation of new lift station located at Chalan Kanton Ladera Station 1, Leonardo Tenorio Street, and Johnny Taitague Street; complete with wet well, vault, covers, pumps, valves, gravity sewerlines and manholes and new force mains to a new terminal manhole, rehabilitation of existing sewer system complete with appurtenances, installation of new secured fence enclosure with gates at each lift stations, power supply connection to the nearest GPA utility pole and provision to allow quick connect of portable standby power generator with manual switching control during power outages, two towable Generator set and providing temporary bypass and traffic control as required for the improvement of sewer system at Talofof village.

I. BASE BID - CHALAN KANTON LADERA STREET STATION 1

Pay Item	Description	BASE BID ITEM NO. I			
		Qty.	Unit	Unit Cost	Sub-Total
General Requirements					
1.	Mobilization and Demobilization	1	LS	22,800.00	22,800.00
2.	Insurance and Bonds	1	LS	28,800.00	28,800.00
3.	Permits	1	LS	4,300.00	4,300.00
Civil and Structural Works					
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	178	SY	15.00	2,670.00
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete.	178	SY	80.00	14,240.00
6.	Installation of new 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	21	LF	210.00	4,410.00
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	780	LF	65.00	50,700.00
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary	1	EA	8,600.00	8,600.00

Exhibit C (6 of 18)

Addendum No. 4

	erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.				
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	5,300.00	5,300.00
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	28,000.00	28,000.00
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	90.00	7,740.00
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	250.00	3,000.00
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	520.00	5,720.00
14.	24 Hours Bypass pumping	1	LS	9,800.00	9,800.00
15.	USEPA and GWA Project signs, complete	2	EA	1,300.00	2,600.00
Mechanical & Plumbing Works					
16.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	98,000.00	98,000.00
17.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	28,000.00	56,000.00

Exhibit C (7 of 18)

Addendum No. 4

Electrical works					
18.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	\$2,500.00	\$2,500.00
TOTAL BASE BID ITEM NO. 1 (Items 1 through 18)				\$	405,180.00

Exhibit C (8 of 18)

Addendum No. 4

II. BASE BID - LEONARDO TENORIO STREET

Pay Item	Description	BASE BID ITEM NO. II			
		Qty.	Unit	Unit Cost	Sub-Total
General Requirements					
1.	Mobilization and Demobilization	1	LS	26,500.00	26,500.00
2.	Insurance and Bonds	1	LS	31,600.00	31,600.00
3.	Permits	1	LS	5,300.00	5,300.00
Civil and Structural Works					
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	194	SY	15.00	2,910.00
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	194	SY	80.00	15,520.00
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	32	LF	330.00	10,560.00
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	579	LF	66.00	38,214.00
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	9,800.00	9,800.00
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	5,300.00	5,300.00
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	28,000.00	28,000.00
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric	86	SF	90.00	7,740.00

Exhibit C (9 of 18)

Addendum No. 4

	reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.				
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	250.00	3,000.00
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	520.00	5,720.00
14.	24 Hours Bypass pumping	1	LS	10,500.00	10,500.00
Mechanical & Plumbing Works					
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	185,800.00	185,800.00
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	29,500.00	59,000.00
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	56,200.00	56,200.00
TOTAL BASE BID ITEM NO. II (Items 1 through 17)				\$	549,364.00

III. BASE BID - E. JOHNNY S. TAITAGUE STREET

Pay Item	Description	BASE BID ITEM NO. III			
		Qty.	Unit	Unit Cost	Sub-Total
General Requirements					
1.	Mobilization and Demobilization	1	LS	27,400.00	27,400.00
2.	Insurance and Bonds	1	LS	35,000.00	35,000.00
3.	Permits	1	LS	5,800.00	5,800.00
Civil and Structural Works					
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	162	SY	15.00	2,430.00
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	162	SY	80.00	12,960.00
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals in place, complete in place.	60	LF	240.00	14,400.00
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	495	LF	65.00	32,175.00
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	9,900.00	9,900.00
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	5,300.00	5,300.00
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	28,000.00	28,000.00
11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement,	86	SF	80.00	7,740.00

Exhibit C (11 of 18)

Addendum No. 4

	4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.				
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	250,00	3,000,00
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	520,00	5,720,00
14.	24 Hours Bypass pumping	1	LS	10,600,00	10,600,00
Mechanical & Plumbing Works					
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	208,700,00	208,700,00
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	36,000,00	72,000,00
Electrical works					
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	58,700,00	58,700,00
TOTAL BASE BID ITEM NO. III, Items 1 through 17				\$ 539,825,00	

Exhibit C (12 of 18) Addendum No. 4

IV. BASE BID - CHALAN KANTON LADERA STREET STATION 2

Pay Item	Description	ADDITIVE BID ITEM NO. I			
General Requirements					
		Qty.	Unit	Unit Cost	Sub-Total
1.	Mobilization and Demobilization	1	LS	21,800.00	21,800.00
2.	Insurance and Bonds	1	LS	25,000.00	25,000.00
3.	Permits	1	LS	3,900.00	3,900.00
Civil and Structural Works					
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	42	SY	17.00	714.00
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	42	SY	85.00	3,570.00
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning/ identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	63	LF	190.00	11,970.00
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning/identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	63	LF	70.00	4,410.00
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	9,900.00	9,900.00
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	5,300.00	5,300.00
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	28,000.00	28,000.00

Exhibit C (13 of 18)

Addendum No. 4

11.	8' x 8' Concrete masonry wall for Electrical panels including basecourse, wall footing with reinforcement, 4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.	86	SF	90.00	7,740.00
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	250.00	3,000.00
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	520.00	5,720.00
14.	24 Hours Bypass pumping	1	LS	7,800.00	7,800.00
Mechanical & Plumbing Works					
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	99,700.00	99,700.00
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	27,450.00	54,900.00
Electrical Works					
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	53,200.00	53,200.00
TOTAL BASE BID ITEM NO. IV (Items 1 through 17)				\$	348,624.00

V. BASE BID - CHALAN AYUYU

Pay Item	Description	ADDITIVE BID ITEM NO. II			
		Qty.	Unit	Unit Cost	Sub-Total
General Requirements					
1.	Mobilization and Demobilization	1	LS	29,800.00	29,800.00
2.	Insurance and Bonds	1	LS	34,900.00	34,900.00
3.	Permits	1	LS	6,300.00	6,300.00
Civil and Structural Works					
4.	Restoration of Asphalt Concrete Pavement including removal and disposal of existing asphalt.	330	SY	15.00	4,950.00
5.	3" Thick Asphaltic concrete trench patch paving with CSS-1h prime coat, complete	330	SY	80.00	26,400.00
6.	New 8" diameter polyvinyl chloride (PVC) gravity main pipe including excavation, sand bedding material, backfill, basecourse material and compaction, fittings, warning identification tape, cleaning, connection to existing manhole, hydrostatic testing, disposal and all incidentals complete in place.	56	LF	195.00	10,920.00
7.	New 4" diameter polyvinyl chloride (PVC) forcemain pipe including excavation, sand bedding material, flowable fill, basecourse material and compaction, fittings, warning identification tape, cleaning, connection to existing manholes, hydrostatic testing and all incidentals complete in place.	1083	LF	65.00	70,395.00
8.	Standard Sanitary Sewer Manhole with 30" manhole frame and cover, precast concrete, including reinforced concrete base, precast concrete riser and cone, flexible pipe seals and connectors, grade adjustment rings, frame and cover, epoxy coating, channeling, testing, temporary erosion control measures, traffic control work, incidental and all necessary labor, material and equipment, complete in place.	1	EA	9,900.00	9,900.00
9.	2" Combination Air Release Valve including 24" diameter reinforced concrete or polyvinyl chloride (PVC) C-900 stand pipe, 4' depth, concrete footing base, 3/4" gravel, manhole ring and cover, concrete collar and all incidental complete in place.	1	EA	5,300.00	5,300.00
10.	Concrete valve box, 7ft x 7ft x 4ft interior dimension including basecourse, backfill and compaction, valve box metal frame and cover and all necessary materials, labor and equipment, complete in place.	1	EA	28,000.00	28,000.00
11.	8' x 8' Concrete masonry wall for electrical panels including basecourse, wall footing with reinforcement,	86	SF	96.00	7,740.00

Exhibit C (15 of 18)

Addendum No. 4

	4" thick slab on grade with welded wire fabric reinforcing, concrete bond beam and all necessary materials, labor and equipment, complete in place.				
12.	New 8' high chainlink fence and double gate including barbed wire, barbed wire extension arm, concrete foundation and all necessary materials, labor and equipment, complete in place.	12	LF	250.00	3,000.00
13.	Wet well concrete collar including basecourse and compaction, reinforcement, concrete, forms and incidental complete in place.	11	SY	520.00	5,720.00
14.	24 Hours Bypass pumping	1	LS	2,800.00	2,800.00
Mechanical & Plumbing Works					
15.	Pre-engineered package type lift station including but not specifically limited to fiberglass wet well, stainless steel guide bars, stainless steel upper guide bar bracket, stainless steel cable holder hook, ladder, integral safe hatch aluminum access cover, easy lift pump retrieval system, vent pipe and all incidental required to complete the work.	1	SET	108,500.00	108,500.00
16.	New submersible pumps including but not specifically limited to discharge pipe and fittings, check valves, gate valves, start-up testing, training and all incidental required to complete the work.	2	SET	28,000.00	56,000.00
Electrical Works					
17.	Electrical works including new conduits, boxes, wire gutters, wires, cables and devices, electrical panel, pump controller and software, cellular autodialer, level float switches, level transducer, motion-sensor exterior light, quick connect outlets, manual transfer switch and all incidental required to complete the work.	1	LS	52,200.00	52,200.00
TOTAL BASE BID ITEM NO. V (Items 1 through 17)				\$	469,825.00

Exhibit C (16 of 18)

Addendum No. 4

VI. BASE BID - GENERATOR SETS

Pay Item	Description	BASE BID ITEM NO. V			
		Qty.	Unit	Unit Cost	Sub-Total
1.	Towable 60kW diesel Generator Set; with single point lifting eye and four-point tie down system for detaching the generator set and fuel tank from the trailer.	2	EA	49,300.00	98,600.00
TOTAL BASE BID ITEM NO. VI					\$ 98,600.00

TOTAL BASE BID AMOUNT (Bid Items I- VI) \$ 2,411,418.00

(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. In the event the lowest responsive and responsible Base Bid exceeds the available budget, GWA may reject individual Bid Items I-VI until the revised Total Base 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.)

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of 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 attached to and made a condition of this Bid:
 - A. Required Bid security in the form of Bid Bond 157
 - B. List of Proposed Major Suppliers;
 - C. Required Bidder Qualification Statement with Supporting Data; and

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

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

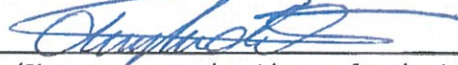
E-mail address: _____

A Corporation

Corporation Name: Giant Construction Corp.

State of Incorporation: Guam, USA

Type (General Business, Professional, Service, other): General Contractor

By: 
(Signature - attach evidence of authority to sign)

Name (typed or printed): Chung, In Chul

Title: Vice-President

(CORPORATE SEAL)

Attest Chung, In Chul
(Signature of Corporate Secretary)

Business address: P.O. Box 9578 Tamuning Guam 96931

308 E. Harmon Industrial Park Harmon Guam 96913

Phone: 649-6472 Facsimile: 646-3693

E-mail address: giantconst@gmail.com

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____