



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

RESOLUTION NO. 28-FY2018

RELATIVE TO APPROVAL OF THE CONSTRUCTION CONTRACT FOR THE SCADA SYSTEM FOR WATER AND WASTEWATER FACILITIES PHASE A-1

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 was successful in completing the SCADA Master Plan with the intent to lay out a coordinated, prioritized sequence of SCADA Improvements to enhance operations, provide reliable and efficient systems, maintain desired service levels, contribute to protection of health and safety, and achieve regulatory compliance; and

WHEREAS, the GWA SCADA Master Plan proposed to accomplish the SCADA implementation in 3 main phases; and

WHEREAS, SCADA Phase A will consist of the central SCADA infrastructure and high priority facilities as identified by GWA Operations and Management at the time of the SCADA Master Plan development, which includes 210 GWA sites; and

WHEREAS, SCADA Phase B will consist of adding second tier high priority facilities as identified by GWA Operations and Management at the time of the SCADA Master Plan development, and integrate these locations into the SCADA system; and

//

1 **WHEREAS**, SCADA Phase C will consist of adding additional instruments and
2 equipment to the facilities already implemented with SCADA under phase A and B; and

3
4 **WHEREAS**, due to funding limitations GWA is further separating Phase A into
5 multiple implementations, with Phase A-1 consisting of 19 GWA facilities; and

6
7 **WHEREAS**, the implementation of SCADA for several of the GWA facilities that are
8 part of Phase A-1 project are directly linked to the Court Order Paragraph 28 wherein the
9 completion of the SCADA project will enhance GWA's ability to "monitor flow, pressure, tank
10 levels and chlorine throughout the services area..."; and

11
12 **WHEREAS**, GWA has advertised the Invitation for Bid (IFB-02-ENG-2018) soliciting
13 bid proposals from experienced, responsible, and responsive bidders to the SCADA System for
14 Water and Wastewater Facilities Phase A-1 Project; and

15
16 **WHEREAS**, IFB packages were picked up by 12 interested parties, from which GWA
17 received bid proposals from 3 of the 12 parties before the bid proposal deadline (see EXHIBIT
18 A – Abstract of Bids); and

19
20 **WHEREAS**, GWA engineering analyzed all bid proposals received on March 28th,
21 2018 and determined that G4S Security Systems (Guam), Inc. ("G4S"), who submitted the
22 lowest bid, as being the responsive and responsible bidder and met all the bid requirements set
23 forth by GWA (see EXHIBIT B – Recommendation Memorandum); and

24
25 **WHEREAS**, GWA Management finds G4S's bid proposal of Two Million Six
26 Hundred Twenty-One Thousand Sixteen Dollars and Eighty-Five Cents (\$2,621,016.85) to be
27 acceptable (See EXHIBIT C – Bid Proposal); and

28
29 **WHEREAS**, GWA Management seeks CCU approval to enter into contract with G4S
30 for IFB-02-ENG-2018 in the amount of Two Million Six Hundred Twenty-One Thousand
31 Sixteen Dollars and Eighty-Five Cents (\$2,621,016.85) along with 10% contingency in the
32 amount of Two Hundred Sixty-Two Thousand One Hundred One Dollars (\$262,101.00) to

1 bring the total requested authorized funding amount to a maximum of Two Million Eight
2 Hundred Eighty-Three Thousand One Hundred Seventeen Dollars and Eighty-Five Cents
3 (\$2,883,117.85); and

4
5 **WHEREAS**, GWA Management further seeks CCU approval to inform the PUC of the
6 project intent given its relation to the Court Order Paragraph 28, and the contract amount of
7 Two Million Eight Hundred Eighty-Three Thousand One Hundred Seventeen Dollars and
8 Eighty-Five Cents (\$2,883,117.85); and

9
10 **WHEREAS**, the funding source for the construction project will be bond funds from
11 CIP EE 09-09, SCADA Improvement – Phase 4; and

12
13 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
14 does hereby approve and authorize the following:

- 15 1. The recitals set forth above hereby constitute the findings of the CCU.
- 16 2. The CCU finds that the terms of the bid proposal submitted by G4S are fair
17 and reasonable.
- 18 3. The CCU hereby authorizes the management of GWA to accept the bid
19 proposal from G4S attached hereto as EXHIBIT C, and which is also
20 incorporated into this Resolution in its entirety.
- 21 4. The CCU hereby further authorizes the management of GWA to enter into a
22 contract with G4S in the amount of Two Million Six Hundred Twenty-One
23 Thousand Sixteen Dollars and Eighty-Five Cents (\$2,621,016.85).
- 24 5. The CCU hereby further approves the requested total maximum authorized
25 funding amount of Two Million Eight Hundred Eighty-Three Thousand One
26 Hundred Seventeen Dollars and Eighty-Five Cents (\$2,883,117.85), funded
27 by CIP EE 09-09, SCADA Improvement – Phase 4.
- 28 6. The CCU hereby further authorizes the management of GWA to inform the
29 PUC of the project intent given its relation to the Court Order Paragraph 28,
30 and the contract amount of Two Million Eight Hundred Eighty-Three
31 Thousand One Hundred Seventeen Dollars and Eighty-Five Cents
32 (\$2,883,117.85)

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

EXHIBIT A ORIGINAL

Project Name: SCADA SYSTEM FOR GWA'S WATER AND WASTEWATER FACILITIES, PHASE A-1

Bid Opening Date: March 28, 2018
Time: 3:00 p.m.

Project Number: E14-002-BND IFB NO.: IFB-02-ENG-2018

	Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS										Lump Sum Bid Price		
			Qualifications Statement	Non-Collusion Affidavit	EEO Certification	Non- Segregated Facilities	Sex Offender Certification	Wage & Benefits Determination	Major Shareholders Affidavit	Special Instructions to Bidders	Addendum				
											1	2		3	
1.	CHI CONSTRUCTION INC.	<i>Dragon Insurance Company Ltd. 15% of total bid amount</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$3,300,000.00
2.	GREG PEREZ	<i>no bid submitted</i>													
3.	USSI	<i>no bid submitted</i>													
4.	G4S	<i>Safeco Insurance Company of America 15% of amount bid</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$2,621,16.91
5.	MOTOROLA SOLUTIONS INC.	<i>no bid submitted</i>													
6.	AYM INTERNATIONAL	<i>no bid submitted</i>													
7.	GPME	<i>no bid submitted</i>													
8.	PACIFIC DEVELOPMENTS	<i>no bid submitted</i>													
9.	HES MICRONESIA	<i>no bid submitted</i>													
10.	JMI EDISON	<i>no bid submitted</i>													
11.	EMC2/HYDROAIRE MECHANICAL SYSTEM	<i>no bid submitted</i>													
12.	KINDEN CORPORATION	<i>Fidelity and Deposit Company of Maryland 15% of total bid amount</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$3,679,000.00
GWA Estimate															\$2,977,458.00

Bids Opened and Read by:
GIORGIA P. BENJAN
(Name and Signature)

Tabulated By:
Nicole Ann [Signature]
(Name and Signature)

GWA Procurement Representative:
Victoria Heacock
(Name and Signature)

Witnesses:
[Signature] 3/28/18
[Signature] 03-28-18
[Signature] 3-28-18
[Signature] 3/28/18



GUAM WATERWORKS AUTHORITY

"Better Water. Better Lives."

Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
P.O. Box 3010, Hagatna, Guam 96932
Tel. No. (671) 300-6035

IFB No.: IFB-02-ENG-2018

Project: SCADA SYSTEM FOR GWA'S WATER AND WASTEWATER FACILITIES, PHASE A-I
GWA Project No. E14-002-BND

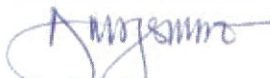
Subject: Bid Evaluation

Gloria Bensen and Calvin Yam have reviewed the bid proposals submitted by Chi Construction Inc., G4S, and Kinden Corporation for the referenced project submitted on March 28, 2018. All requirements of the bid were all submitted by three proposers.

The apparent low bidder, G4S' bid price as indicated in the Abstract of Bids was \$2,621,016.91. Upon tallying bid estimates, G4S Base Bid total for individual locations were all correct, however, minor discrepancies were found in the Summary of Bid wherein total bid amount indicated for five (5) locations were off by few cents. The correct amount would have been **\$2,621,016.85**. Upon computation, G4S correct bid price was 12 percent (12%) below Engineer's opinion of probable construction cost and 21% below the next lowest bid received.

Chi Construction Inc. submitted bid price of \$3,300,000 which was 10.83% higher than GWA Engineer's estimate. Kinden Corporation submitted the bid price of \$3,679,000 which was 23.6% higher than GWA Estimate.

After a meeting with G4S on April 4, 2018 to confirm the bid price and detail scope of work, it is recommended to award the project with G4S to provide construction services for the aforementioned project as their bid proposal was within reason for the scope of the project. Attached bid evaluation details and summarizes the proposed bids from all interested parties.



Gloria P. Bensen

BID FORM

EXHIBIT C

BID RECIPIENT

This Bid is submitted to:

Guam Waterworks Authority
Engineering Division, Room 202
Gloria B. Nelson Public Service Building
688 Route 15
Manqilao, Guam 96913

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.

BIDDER'S ACKNOWLEDGMENTS

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.

BIDDER'S REPRESENTATIONS

In submitting this Bid, Bidder represents that:

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
01	February 27, 2018
02	March 8, 2018
03	March 14, 2018

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.

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.

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 where 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.

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.

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.

BIDDER'S CERTIFICATIONS

Bidder certifies that:

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;

Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

Bidder has not solicited or induced any individual or entity to refrain from bidding; and

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 anything 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.

BASIS OF BID

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

Table 1: Base Bid for General Work

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
1.00	General Work				
1.01	Mobilization and Demobilization (5%)	LS	131,050.85	1	131,050.85
1.02	Insurance and Bonds (1%)	LS	26,210.17	1	26,210.17
1.03	Permits	LS	39,315.25	1	39,315.25
1.04	Project Management	LS	183,960.47	1	183,960.47
1.05	Training	LS	44,504.04	1	44,504.04
1.06	Documentation	LS	49,441.50	1	49,441.50
1.07	Spare Parts	LS	19,992.70	1	19,992.70
Base Bid for General Work:					494,474.98

Table 2: Base Bid for Deep Well A-1

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
2.00	Deep Well A-1				
2.01	Temporary Facilities	LS	0.00	1	0.00
2.02	General Electrical Work	LS	34,048.49	1	34,048.49
2.03	RTU / Control Panel Modification	LS		0	
2.04	Surge Protection Device	LS	545.55	1	545.55
2.05	Power Monitor	LS	2,131.31	1	2,131.31
2.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
2.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
2.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
2.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
2.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
2.11	Temperature Sensor (Well Motor Casing)	LS		0	
2.12	Flow Indicator Transmitter	LS		0	
2.13	Pressure Indicator Transmitter	LS		0	
2.14	Intrusion Switch	LS	464.16	2	928.32
2.15	RTU Antenna	LS	3,224.95	1	3,224.95
2.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-1 Subtotal:					99,599.07

Table 3: Base Bid for Deep Well A-3

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
3.00	Deep Well A-3				
3.01	Temporary Facilities	LS	0.00	1	0.00
3.02	General Electrical Work	LS	34,048.49	1	34,048.49
3.03	RTU / Control Panel Modification	LS		0	
3.04	Surge Protection Device	LS	545.55	1	545.55
3.05	Power Monitor	LS	2,131.31	1	2,131.31
3.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
3.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
3.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
3.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
3.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
3.11	Temperature Sensor (Well Motor Casing)	LS		0	
3.12	Flow Indicator Transmitter	LS		0	
3.13	Pressure Indicator Transmitter	LS		0	
3.14	Intrusion Switch	LS	464.16	2	928.32
3.15	RTU Antenna	LS	3,224.95	1	3,224.95
3.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-3 Subtotal:					99,599.07

Table 4: Base Bid for Deep Well A-5

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
4.00	Deep Well A-5				
4.01	Temporary Facilities	LS	0.00	1	0.00
4.02	General Electrical Work	LS	39,723.09	1	39,723.09
4.03	RTU / Control Panel Modification	LS		0	
4.04	Surge Protection Device	LS	545.55	1	545.55
4.05	Power Monitor	LS	2,131.31	1	2,131.31
4.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
4.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
4.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
4.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
4.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
4.11	Temperature Sensor (Well Motor Casing)	LS		0	
4.12	Flow Indicator Transmitter	LS		0	
4.13	Pressure Indicator Transmitter	LS		0	
4.14	Intrusion Switch	LS	464.16	2	928.32
4.15	RTU Antenna	LS	3,224.95	1	3,224.95
4.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-5 Subtotal:					105,273.67

Table 5: Base Bid for Deep Well A-6

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
5.00	Deep Well A-6				
5.01	Temporary Facilities	LS	0.00	1	0.00
5.02	General Electrical Work	LS	39,723.09	1	39,723.09
5.03	RTU / Control Panel Modification	LS		0	
5.04	Surge Protection Device	LS	545.55	1	545.55
5.05	Power Monitor	LS	2,131.31	1	2,131.31
5.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
5.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
5.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
5.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
5.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
5.11	Temperature Sensor (Well Motor Casing)	LS		0	
5.12	Flow Indicator Transmitter	LS		0	
5.13	Pressure Indicator Transmitter	LS		0	
5.14	Intrusion Switch	LS	464.16	2	928.32
5.15	RTU Antenna	LS	3,224.95	1	3,224.95
5.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-6 Subtotal:					105,273.67

Table 6: Base Bid for Deep Well A-12

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
6.00	Deep Well A-12				
6.01	Temporary Facilities	LS	0.00	1	0.00
6.02	General Electrical Work	LS	39,723.09	1	39,723.09
6.03	RTU / Control Panel Modification	LS		0	
6.04	Surge Protection Device	LS	545.55	1	545.55
6.05	Power Monitor	LS	2,131.31	1	2,131.31
6.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
6.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
6.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
6.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
6.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
6.11	Temperature Sensor (Well Motor Casing)	LS		0	
6.12	Flow Indicator Transmitter	LS		0	
6.13	Pressure Indicator Transmitter	LS		0	
6.14	Intrusion Switch	LS	464.16	2	928.32
6.15	RTU Antenna	LS	3,224.95	1	3,224.95
6.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-12 Subtotal:					105,273.67

Table 7: Base Bid for Deep Wells A-23 and A-25

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
7.00	Deep Wells A-23 and A-25				
7.01	Temporary Facilities	LS	0.00	1	0.00
7.02	General Electrical Work	LS	79,445.66	1	79,445.66
7.03	RTU / Control Panel Modification	LS	28,343.38	2	56,686.76
7.04	Surge Protection Device	LS	510.42	2	1,020.84
7.05	Power Monitor	LS	2,096.19	2	4,192.38
7.06	Motor Starter (Well Pump)	LS		0	
7.07	Motor Starter (Booster Pump)	LS		0	
7.08	Control Panel (CP-1)	LS		0	
7.09	Level Sensor (Well)	LS	3,955.37	2	7,910.74
7.10	Level Sensor (Fuel)	LS	4,848.56	1	4,848.56
7.11	Well Motor Temperature Sensor	LS		0	
7.12	Flow Indicator Transmitter	LS		0	
7.13	Pressure Indicator Transmitter	LS		0	
7.14	Intrusion Switch	LS	467.87	3	1,403.61
7.15	RTU Antenna	LS	3,317.48	1	3,317.48
7.16	Testing	LS	2,880.03	1	2,880.03
Base Bid for Deep Wells A-23 and A-25 Subtotal:					161,706.06

Table 8: Base Bid for Deep Well A-29

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
8.00	Deep Well A-29				
8.01	Temporary Facilities	LS	0.00	1	0.00
8.02	General Electrical Work	LS	39,723.09	1	39,723.09
8.03	RTU / Control Panel Modification	LS		0	
8.04	Surge Protection Device	LS	545.55	1	545.55
8.05	Power Monitor	LS	2,131.31	1	2,131.31
8.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
8.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
8.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
8.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
8.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
8.11	Temperature Sensor (Well Motor Casing)	LS		0	
8.12	Flow Indicator Transmitter	LS		0	
8.13	Pressure Indicator Transmitter	LS		0	
8.14	Intrusion Switch	LS	464.16	2	928.32
8.15	RTU Antenna	LS	3,224.95	1	3,224.95
8.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-29 Subtotal:					105,273.67

Table 9: Base Bid for Deep Well A-30

Base Bid Description of Work for Deep Well A-30:
 Work consists of installing communication equipment, various sensors, control panels, motor starters and related appurtenances. Bid price shall include removing and re-installing, or relocating existing facilities that may be obstructing the installation of the intended work whether or not such removing, relocating, and/or reinstalling work is indicated on plans and spec.

Item 9.02: bid amount shall include all work relating to demolitions, conduits, fittings, wires, boxes, and interconnection work between panels, boxes, devices, and instruments.

Item 9.03: bid amount shall include all work relating to the modification of existing control panel which may include control relays, terminal blocks, signal isolators, powers supplies, batteries, operator terminals, etc. per design requirements.

Items 9.04 through 9.15: bid amounts shall include all work relating to proper installation and function in accordance with the design.

Item 9.16: bid amount shall include all work relating to checking and testing per specification.

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
9.00	Deep Well A-30				
9.01	Temporary Facilities	LS	0.00	1	0.00
9.02	General Electrical Work	LS	39,723.09	1	39,723.09
9.03	RTU / Control Panel Modification	LS		0	
9.04	Surge Protection Device	LS	560.69	1	560.69
9.05	Power Monitor	LS	2,146.46	1	2,146.46
9.06	Motor Starter (Well Pump)	LS		0	
9.07	Motor Starter (Booster Pump)	LS	1,818.37	1	1,818.37
9.08	Control Panel (CP-1)	LS	44,360.69	1	44,360.69
9.09	Level Sensor (Well)	LS	4,005.64	1	4,005.64
9.10	Level Sensor (Fuel)	LS	4,771.18	1	4,771.18
9.11	Temperature Sensor (Well Motor Casing)	LS		0	
9.12	Flow Indicator Transmitter	LS		0	
9.13	Pressure Indicator Transmitter	LS		0	
9.14	Intrusion Switch	LS	418.36	5	2,091.80
9.15	RTU Antenna	LS	3,240.09	1	3,240.09
9.16	Testing	LS	1,490.28	1	1,490.28
Base Bid for Deep Well A-30 Subtotal:					104,208.29

Table 10: Base Bid for Deep Well A-31

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
10.00	Deep Well A-31				
10.01	Temporary Facilities	LS	0.00	1	0.00
10.02	General Electrical Work	LS	39,723.09	1	39,723.09
10.03	RTU / Control Panel Modification	LS		0	
10.04	Surge Protection Device	LS	557.45	1	557.45
10.05	Power Monitor	LS	2,143.22	1	2,143.22
10.06	Motor Starter (Well Pump)	LS		0	
10.07	Motor Starter (Booster Pump)	LS	1,815.13	1	1,815.13
10.08	Control Panel (CP-1)	LS	44,357.45	1	44,357.45
10.09	Level Sensor (Well)	LS	4,002.39	1	4,002.39
10.10	Level Sensor (Fuel)	LS	4,767.93	1	4,767.93
10.11	Temperature Sensor (Well Motor Casing)	LS		0	
10.12	Flow Indicator Transmitter	LS		0	
10.13	Pressure Indicator Transmitter	LS		0	
10.14	Intrusion Switch	LS	470.11	2	940.22
10.15	RTU Antenna	LS	3,236.85	1	3,236.85
10.16	Testing	LS	1,487.04	1	1,487.04
Base Bid for Deep Well A-31 Subtotal:					103,030.77

Table 11: Base Bid for Deep Well A-32

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
11.00	Deep Well A-31				
11.01	Temporary Facilities	LS	0.00	1	0.00
11.02	General Electrical Work	LS	39,723.09	1	39,723.09
11.03	RTU / Control Panel Modification	LS		0	
11.04	Surge Protection Device	LS	545.55	1	545.55
11.05	Power Monitor	LS	2,131.31	1	2,131.31
11.06	Motor Starter (Well Pump)	LS	2,350.04	1	2,350.04
11.07	Motor Starter (Booster Pump)	LS	1,803.22	1	1,803.22
11.08	Control Panel (CP-1)	LS	44,345.54	1	44,345.54
11.09	Level Sensor (Well)	LS	3,990.49	1	3,990.49
11.10	Level Sensor (Fuel)	LS	4,756.03	1	4,756.03
11.11	Temperature Sensor (Well Motor Casing)	LS		0	
11.12	Flow Indicator Transmitter	LS		0	
11.13	Pressure Indicator Transmitter	LS		0	
11.14	Intrusion Switch	LS	464.16	2	928.32
11.15	RTU Antenna	LS	3,224.95	1	3,224.95
11.16	Testing	LS	1,475.13	1	1,475.13
Base Bid for Deep Well A-32 Subtotal:					105,273.67

Table 12: Base Bid for Deep Well M-17B

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
12.00	Deep Well M-17B				
12.01	Temporary Facilities	LS	0.00	1	0.00
12.02	General Electrical Work	LS	39,723.09	1	39,723.09
12.03	RTU / Control Panel Modification	LS	28,363.47	1	28,363.47
12.04	Surge Protection Device	LS	530.51	1	530.51
12.05	Power Monitor	LS	2,116.28	1	2,116.28
12.06	Motor Starter (Well Pump)	LS		0	
12.07	Motor Starter (Booster Pump)	LS	1,788.19	1	1,788.19
12.08	Control Panel (CP-1)	LS		0	
12.09	Level Sensor (Well)	LS	6,053.36	1	6,053.36
12.10	Level Sensor (Fuel)	LS	4,741.00	1	4,741.00
12.11	Temperature Sensor (Well Motor Casing)	LS		0	
12.12	Flow Indicator Transmitter	LS	13,982.20	1	13,982.20
12.13	Pressure Indicator Transmitter	LS	1,145.63	2	2,291.26
12.14	Intrusion Switch	LS	456.64	2	913.28
12.15	RTU Antenna	LS	3,209.91	1	3,209.91
12.16	Testing	LS	1,460.10	1	1,460.10
Base Bid for Deep Well M-17B Subtotal:					105,172.65

Table 13: Base Bid for Deep Well M-20A

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
13.00	Deep Well M-20A				
13.01	Temporary Facilities	LS	0.00	1	0.00
13.02	General Electrical Work	LS	39,723.09	1	39,723.09
13.03	RTU / Control Panel Modification	LS	28,376.99	1	28,376.99
13.04	Surge Protection Device	LS	544.04	1	544.04
13.05	Power Monitor	LS	2,129.80	1	2,129.80
13.06	Motor Starter (Well Pump)	LS		0	
13.07	Motor Starter (Booster Pump)	LS		0	
13.08	Control Panel (CP-1)	LS		0	
13.09	Level Sensor (Well)	LS	6,066.88	1	6,066.88
13.10	Level Sensor (Fuel)	LS	4,754.52	1	4,754.52
13.11	Temperature Sensor (Well Motor Casing)	LS		0	
13.12	Flow Indicator Transmitter	LS	13,995.72	1	13,995.72
13.13	Pressure Indicator Transmitter	LS	1,152.39	2	2,304.78
13.14	Intrusion Switch	LS	415.02	5	2,075.10
13.15	RTU Antenna	LS	3,223.44	1	3,223.44
13.16	Testing	LS	1,473.62	1	1,473.62
Base Bid for Deep Well M-20A Subtotal:					104,667.98

Table 14: Base Bid for Agana Heights Reservoir and Booster Pump Station

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
14.00	Agana Heights Booster Pump Station				
14.01	Temporary Facilities	LS	0.00	1	0.00
14.02	General Electrical Work	LS	34,048.49	1	34,048.49
14.03	RTU / Control Panel Modification	LS	28,426.05	1	28,426.05
14.04	Power Monitor	LS	2,178.86	1	2,178.86
14.05	Intrusion Switch	LS	435.35	4	1,741.40
14.06	Testing	LS	1,522.68	1	1,522.68
Base Bid for Agana Heights Reservoir and Booster Pump Station Subtotal:					67,917.48

Table 15: Base Bid for Chaot Reservoir

Base Bid Description of Work for Chaot Reservoir:
 Work consists of installing communication equipment, various sensors, control panels, motor starters and related appurtenances. Bid price shall include removing and re-installing, or relocating existing facilities that may be obstructing the installation of the intended work whether or not such removing, relocating, and/or reinstalling work is indicated on plans and spec.

Item 15.02: bid amount shall include all work relating to demolitions, conduits, fittings, wires, boxes, and interconnection work between panels, boxes, devices, and instruments.

Item 15.03: bid amount shall include all work relating to the modification of existing RTU panel which may include control relays, terminal blocks, signal isolators, powers supplies, batteries, operator terminals, etc. per design requirements.

Items 15.04 through 15.06: bid amounts shall include labor, material and related appurtenances needed for proper installation and function in accordance with the design.

Item 15.07: bid amount shall include all checking and testing work per specification.

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
15.00	Chaot Reservoir Station				
15.01	Temporary Facilities	LS	0.00	1	0.00
15.02	General Electrical Work	LS	34,048.49	1	34,048.49
15.03	RTU / Control Panel Modification	LS	28,416.82	1	28,416.82
15.04	Level Sensor (Fuel)	LS	4,794.35	1	4,794.35
15.05	Intrusion Switch	LS	416.29	6	2,497.74
15.06	RTU Antenna	LS	3,263.27	1	3,263.27
15.07	Testing	LS	1,513.46	1	1,513.46
Base Bid for Chaot Reservoir Subtotal:					74,534.13

Table 16: Base Bid for Hagatna STP

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
16.00	Hagatna STP				
16.01	Temporary Facilities	LS	0.00	1	0.00
16.02	General Electrical Work	LS	34,048.49	1	34,048.49
16.03	Power Monitor	LS	2,120.72	2	4,241.44
16.04	RTU Panel	LS	44,487.13	1	44,487.13
16.05	Level Sensor (Fuel)	LS	6,209.98	1	6,209.98
16.06	RTU Antenna	LS	3,366.54	1	3,366.54
16.07	Testing	LS	2,983.77	1	2,983.77
Base Bid for Hagatna STP Subtotal:					95,337.35

Table 17: Base Bid for Route 16 SPS

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
17.00	Route 16 SPS				
17.01	Temporary Facilities	LS	0.00	1	0.00
17.02	General Electrical Work	LS	371,910.59	1	371,910.59
17.03	MSB/MCC	LS	59,000.35	1	59,000.35
17.04	RTU / Instrument Control Panel	LS	44,480.47	1	44,480.47
17.05	45kVA Transformer	LS	11,711.66	1	11,711.66
17.06	Level Sensor (Fuel)	LS	6,203.32	1	6,203.32
17.07	Intrusion Switch	LS	425.30	7	2,977.10
17.08	RTU Antenna	LS	3,359.88	1	3,359.88
17.09	Testing	LS	2,922.42	1	2,922.42
Base Bid for Route 16 SPS Subtotal:					502,565.79

Table 18: Base Bid for Fujita SPS

Item No.	Description	Unit	Unit Price [USD]	Qty	Bid Amount [USD]
18.00	Fujita SPS				
18.01	Temporary Facilities	LS	0.00	1	0.00
18.02	General Electrical Work	LS	39,723.09	1	39,723.09
18.03	RTU / Control Panel Modification	LS	28,365.14	1	28,365.14
18.04	Power Monitor	LS	2,117.95	1	2,117.95
18.05	Surge Protection Device	LS	532.19	1	532.19
18.06	Level Sensor (Fuel)	LS	3,977.13	1	3,977.13
18.07	Intrusion Switch	LS	407.67	6	2,446.02
18.08	RTU Antenna	LS	3,211.59	1	3,211.59
18.09	Testing	LS	1,461.77	1	1,461.77
Base Bid for Fujita SPS Subtotal:					81,834.88

Table 19: Base Bid Total

Item No.	Description	Unit	Bid Amount [USD]
1.00	General Work		494,474.98
2.00	Deep Well A-1	LS	99,599.07
3.00	Deep Well A-3	LS	99,599.07
4.00	Deep Well A-5	LS	105,273.67
5.00	Deep Well A-6	LS	105,273.67
6.00	Deep Well A-12	LS	105,273.67
7.00	Deep Wells A-23 and A-25	LS	161,706.06
8.00	Deep Well A-29	LS	105,273.67
9.00	Deep Well A-30	LS	104,208.29
10.00	Deep Well A-31	LS	103,030.77
11.00	Deep Well A-32	LS	105,273.67
12.00	Deep Well M-17B	LS	105,172.65
13.00	Deep Well M-20A	LS	104,667.98
14.00	Agana Heights Reservoir and Booster Pump Station	LS	67,917.48
15.00	Chaot Reservoir	LS	74,534.13
16.00	Hagatna STP	LS	95,337.35
17.00	Route 16 SPS	LS	502,565.79
18.00	Fujita SPS	LS	81,834.88
Base Bid Total:			2,621,016.85

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.

TIME OF COMPLETION

Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

Bidder accepts the provisions of the Agreement as to liquidated damages.

ATTACHMENTS TO THIS BID

The following documents are attached to and made a condition of this Bid:

Required Bid security in the form of 15% of the bid price.

List of Proposed Major Suppliers;

Required Bidder Qualification Statement with Supporting Data.

DEFINED TERMS

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.

BID SUBMITTAL

This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): n/a

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Partnership

Partnership Name: n/a (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: G4S Security Systems (Guam), Inc.

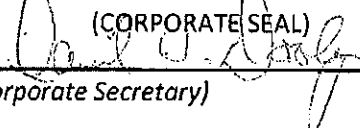
State of Incorporation: Guam

Type (General Business, Professional, Service, other): Retail and Service

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

Name (typed or printed): Vincent J. Walker

Title: Country Managing Director

Attest David W. Dooley  _____
(Signature of Corporate Secretary) (CORPORATE SEAL)

Business address: 1851 Army DR
Tamuning, Guam 96913

Phone: (671) 646-2307 Facsimile: (671) 649-7245

E-mail address: guam@gu.g4s.com

A Limited Liability Company (LLC)

LLC Name: n/a

State in which organized: _____

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

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____
E-mail address: _____

A Joint Venture

First Joint Venturer Name: n/a (SEAL)

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

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

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

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)