

1 **GUAM CONSOLIDATED COMMISSION ON UTILITIES**

2 **RESOLUTION NO. 13-FY2017**

3 **RELATIVE TO APPROVAL OF THE BAZA GARDENS WASTEWATER CROSS-**  
4 **ISLAND PUMPING AND CONVEYANCE PHASE II CONSTRUCTION PROJECT**

5  
6 **WHEREAS**, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities  
7 (“CCU”) has plenary authority over financial, contractual, and policy matters relative to the  
8 Guam Waterworks Authority (“GWA”); and

9  
10 **WHEREAS**, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation  
11 established and existing under the laws of Guam; and

12  
13 **WHEREAS**, GWA currently has a number of critical Court Order (“CO”) projects  
14 including a complete evaluation of the Baza Gardens WWTP to determine what improvements  
15 are necessary at the plant to achieve compliance with the WWTP’s NDPES permit, as stated in  
16 Paragraph 13 of the 2011 Court Order as well as the completion of construction activities that  
17 were identified in the approved plan resulting from the evaluation noted above as stated in  
18 Paragraph 14 of the 2011 Court Order; and

19  
20 **WHEREAS**, the system evaluation report required under Paragraph 13 and completed in  
21 April of 2014 by GWA’s Program Management Office (PMO), Brown and Caldwell, resulted in  
22 a recommendation to GWA and the USEPA that transferring/conveying the Baza Gardens  
23 WWTP effluent flow across the Route 17 (Cross Island Road) to a new Agat-Santa Rita WWTP  
24 site was the recommended conceptual alternative to which this recommendation was found to be  
25 acceptable by all parties; and

26  
27 **WHEREAS**, in September of 2015 GWA began the procurement process to find a  
28 consulting engineering team to design the wastewater conveyance system and via Resolution 06-  
29 FY16, approved by the CCU in October of 2015, GWA management was authorized to enter into  
30 a contract with Duenas Camacho and Associates to design the wastewater conveyance and  
31 pumping system which would include new Sewer Pump Station (SPS), gravity mains, force  
32 mains and all incidentals and appurtenances to these man components; and

1           **WHEREAS**, GWA has determined that in an effort to comply with the intent of the  
2 Court Order deadline of executing “a construction contract and issue a notice to proceed with  
3 construction” by October 31, 2016 the most expedient procurement process was to break the  
4 construction activities into phases; and

5  
6           **WHEREAS**, GWA started procurement of Phase I construction (IFB-08-ENG-2016) on  
7 September 9, 2016 which allowed GWA to issue a contract and notice to proceed on October 25,  
8 2016 to BME & Sons Inc., meeting the intent of Court Order deadline; and

9  
10           **WHEREAS**, GWA has further moved on the second phase of construction by  
11 advertising on November 14, 2016 the Invitation For Bid (IFB-02-ENG-2017) for Baza Gardens  
12 Wastewater Conveyance and Pumping Phase II Construction project wherein GWA solicited bid  
13 proposals from experienced and responsive bidders to construct a sewer pump station, sewer  
14 gravity and force mains; and

15  
16           **WHEREAS**, this phase of work consists of furnishing all labor, tools, equipment and  
17 materials including coordination with GWA Wastewater Operations and Engineering and the  
18 Construction Manager to construct all components described in the 100% design drawings and  
19 technical specifications which include but are not limited to a sewer pump station with  
20 generator and wet well, 1,767 linear feet of 15” diameter gravity line, 14,298 linear feet of 12”  
21 diameter gravity main, pavement restoration in affected areas, SPS perimeter fencing, SPS  
22 retaining walls, as well as a communication conduit for future use by GWA and GPA; and

23  
24           **WHEREAS**, IFB packages were picked up by seven (7) interested parties, from which  
25 GWA received bid proposal from four (4) of the seven (7) (SEE EXHIBIT A – Abstract of Bids)  
26 before the bid proposals deadline of December 6, 2016; and

27  
28           **WHEREAS**, GWA’s design consultant for the project along with GWA Engineering  
29 analyzed the bid proposals received, particularly the lowest bid received and determined that  
30 “BME & Son Inc.” successfully submitted the lowest bid as a responsive and responsible bidder  
31 and met all the bid requirements set forth by GWA (SEE EXHIBIT B – Bid Evaluation); and  
32

1           **WHEREAS**, GWA management finds BME & Sons bid proposal acceptable and now  
2 seeks CCU approval of the bid proposal amount of Five Million Nine Hundred Nineteen  
3 Thousand Forty Five Dollars and Forty Three Cents (\$5,919,045.43) (SEE EXHIBIT C – Bid  
4 Proposal); and

5  
6           **WHEREAS**, GWA management further seeks CCU approval of a five percent (5%)  
7 contingency to the bid proposal amount or Two Hundred Ninety Five Thousand Nine Hundred  
8 Fifty Two Dollars and Twenty Seven Cents (\$295,952.27) to bring the total authorized funding  
9 amount to Six Million Two Hundred Fourteen Thousand Nine Hundred Ninety Seven Dollars  
10 and Seventy Cents (\$6,214,997.70); and

11  
12           **WHEREAS**, funding for this project will be from the 2016 Bond Funds under the line  
13 items CIP WW 11-03 “Baza Gardens STP Replacement” and Internally Funded CIP; and

14  
15           **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
16 does hereby approve the following:

- 17           1. The recitals set forth above hereby constitute the findings of the CCU.
- 18           2. The CCU finds that the terms of the conditions set by GWA relative to  
19 commencement of work activities are fair and reasonable and serve as a  
20 measure of Quality Assurance/Quality Control (QA/QC).
- 21           3. The CCU hereby authorizes the management of GWA to accept the bid  
22 proposal from “BME & Son Inc.” attached hereto as Exhibit C and which is  
23 incorporated into this Resolution in its entirety.
- 24           4. The CCU hereby further authorizes the management of GWA to enter into a  
25 contract with “BME & Son Inc.” in the amount Five Million Nine Hundred  
26 Nineteen Thousand Forty Five Dollars and Forty Three Cents  
27 (\$5,919,045.43).
- 28           5. The CCU hereby further approves the funding total of Five Million Nine  
29 Hundred Nineteen Thousand Forty Five Dollars and Forty Three Cents  
30 (\$5,919,045.43) plus a five percent (5%) contingency of Two Hundred Ninety  
31 Five Nine Hundred Fifty Two Dollars and Twenty Seven Cents (\$295,952.27)
- 32

1 for a total amount of Six Million Two Hundred Fourteen Nine Hundred  
2 Ninety Seven Dollars and Seventy Cents (\$ 6,214,997.70).

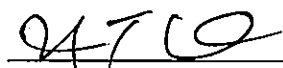
- 3 6. The CCU hereby further approves funding for this project to be from the 2016  
4 Bond Funds under the line items CIP WW 11-03 "Baza Gardens STP  
5 Replacement" and Internally Funded CIP.  
6

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

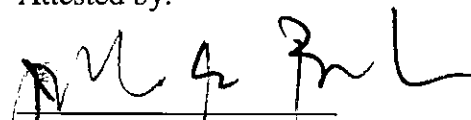
9  
10 **DULY AND REGULARLY ADOPTED**, this 24<sup>th</sup> day of January 2017.

11  
12 Certified by:

Attested by:

13  
14 

15 **JOSEPH T. DUENAS**  
16 Chairperson

17  
18 

19 **J. GEORGE BAMBA**  
20 Secretary

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

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

27 AYES:

28 4

29 NAYS:

30 0

31 ABSTENTIONS:

32 0

ABSENT:

0

NO RESPONSE TO POLL

1



# CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority • Guam Waterworks Authority  
P.O. BOX 2977 • Agaña, Guam 96932

January 17, 2017

## MEMORANDUM

**TO:** Members, Consolidated Commission on Utilities

**SUBJECT:** CCU POLL VOTE MATTER: RESOLUTION 13-FY2017  
RELATIVE TO APPROVAL OF THE BAZA GARDENS WASTEWATER  
CROSS-ISLAND PUMPING AND CONVEYANCE PHASE II CONSTRUCTION  
PROJECT (see attached email dated 1/6/17)

Commissioner	Y/N	Initials	Time/Date	Comments
Joseph Duenas	Y		1/9/17 7:49 a.m.	Via email
Francis Santos	Y		1/9/17 8:27 a.m.	Via email
George Bamba	Y		1/9/17 7:50 p.m.	Via email
Pedro Guerrero Judi Guthertz				Oath taken 1/12/17
Simon Sanchez	Y		1/9/17 9:43 a.m.	Via Email

Concurred by:

Miguel Bordallo, GWA GM

1.18.17  
Date

## Bernadette Lou Sablan

---

**From:** J. George Bamba <georgebamba@hotmail.com>  
**Sent:** Monday, January 09, 2017 7:59 AM  
**To:** Joseph Duenas; Miguel C Bordallo  
**Cc:** fesantos57; Simon Sanchez; Pedro SN. Guerrero; Judith Guthertz; Bernadette Lou Sablan; Ann Borja - GWA  
**Subject:** RE: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

Hi Miguel,  
I vote yes also.  
Blessings,  
Georg

Sent from [Mail](#) for Windows 10

---

**From:** [Joseph Duenas](#)  
**Sent:** Monday, January 9, 2017 7:49 AM  
**To:** [Miguel C Bordallo](#)  
**Cc:** [fesantos57](#); [J. George Bamba](#); [Simon Sanchez](#); [Pedro SN. Guerrero](#); [Judith Guthertz](#); [Bernadette Lou Sablan](#); [annborja@guamwaterworks.org](#)  
**Subject:** Re: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

Miguel,

I vote yes for Res. 13-FY2017.

Joey

Sent from my iPad

On Jan 6, 2017, at 4:59 PM, Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)> wrote:

Commissioners,

Please see attached resolution which will be presented at the next work session. I am requesting your review and poll vote for approval of this Contract for Phase II of the Baza Gardens Sewer Conveyance project, which as you know, is a critical court-order project.

Please let me know if you have any questions or concerns.

Regards,

MCB

---

**From:** Ann Borja [<mailto:annborja@guamwaterworks.org>]  
**Sent:** Friday, January 6, 2017 11:08 AM  
**To:** 'Miguel C Bordallo' <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)>; Thomas Cruz

## Bernadette Lou Sablan

---

**From:** Joseph Duenas <jtduenas@hotmail.com>  
**Sent:** Monday, January 09, 2017 7:49 AM  
**To:** Miguel C Bordallo  
**Cc:** fesantos57; George Bamba; Simon Sanchez; Pedro SN. Guerrero; Judith Guthertz; Bernadette Lou Sablan; Ann Borja - GWA  
**Subject:** Re: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

Miguel,

I vote yes for Res. 13-FY2017.

Joey

Sent from my iPad

On Jan 6, 2017, at 4:59 PM, Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)> wrote:

Commissioners,

Please see attached resolution which will be presented at the next work session. I am requesting your review and poll vote for approval of this Contract for Phase II of the Baza Gardens Sewer Conveyance project, which as you know, is a critical court-order project.

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Regards,

MCB

---

**From:** Ann Borja [<mailto:annborja@guamwaterworks.org>]  
**Sent:** Friday, January 6, 2017 11:08 AM  
**To:** 'Miguel C Bordallo' <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)>; Thomas Cruz <[thomas@guamwaterworks.org](mailto:thomas@guamwaterworks.org)>  
**Cc:** [kathyb@guamwaterworks.org](mailto:kathyb@guamwaterworks.org)  
**Subject:** Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction  
**Importance:** High

Miguel,

Attached are the revised documents for Tom's request below. I changed the Resolution No.



Sincerely,

## Bernadette Lou Sablan

---

**From:** Francis Santos <fesantos57@gmail.com>  
**Sent:** Monday, January 09, 2017 8:27 AM  
**To:** Miguel C Bordallo  
**Cc:** Joseph Duenas; George Bamba; Simon Sanchez; Pedro SN. Guerrero; Judith Guthertz; Bernadette Lou Sablan; Ann Borja - GWA  
**Subject:** Re: FW: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

Miguel,

This email will serve as my approval.

Francis

On Fri, Jan 6, 2017 at 4:59 PM, Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)> wrote:

Commissioners,

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Regards,

MCB

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**Sent:** Friday, January 6, 2017 11:08 AM  
**To:** 'Miguel C Bordallo' <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)>; Thomas Cruz <[thomas@guamwaterworks.org](mailto:thomas@guamwaterworks.org)>  
**Cc:** [kathyb@guamwaterworks.org](mailto:kathyb@guamwaterworks.org)  
**Subject:** Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction  
**Importance:** High



## Bernadette Lou Sablan

---

**From:** Simon Sanchez <gdcmgr@ite.net>  
**Sent:** Monday, January 09, 2017 9:43 AM  
**To:** Miguel C Bordallo  
**Cc:** Francis Santos; Joseph Duenas; George Bamba; Pedro SN. Guerrero; Judith Guthertz; Bernadette Lou Sablan; Ann Borja - GWA  
**Subject:** Re: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

I approve also

Simon says

On Jan 9, 2017, at 9:08 AM, Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)> wrote:

Thank you gentlemen. We appreciate your prompt response.

MCB

**From:** Francis Santos [<mailto:fesantos57@gmail.com>]  
**Sent:** Monday, January 9, 2017 8:27 AM  
**To:** Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)>  
**Cc:** Joey Duenas <[jtduenas@hotmail.com](mailto:jtduenas@hotmail.com)>; J. George Bamba <[georgebamba@hotmail.com](mailto:georgebamba@hotmail.com)>; Simon Sanchez <[gdcmgr@ite.net](mailto:gdcmgr@ite.net)>; Pedro SN. Guerrero <[psnguerrero@gpagwa.com](mailto:psnguerrero@gpagwa.com)>; Judith Guthertz <[judithguthertz@gmail.com](mailto:judithguthertz@gmail.com)>; Bernadette Lou Sablan <[l.sablan@gpagwa.com](mailto:l.sablan@gpagwa.com)>; Ann Borja <[annborja@guamwaterworks.org](mailto:annborja@guamwaterworks.org)>  
**Subject:** Re: FW: Draft Resoluiton 13-FY2017 Relative to the Approval of the Baza Gardens Wastewater Pumping and Conveyance Phase II Construction

Miguel,

This email will serve as my approval.

Francis

On Fri, Jan 6, 2017 at 4:59 PM, Miguel C Bordallo <[mcbordallo@guamwaterworks.org](mailto:mcbordallo@guamwaterworks.org)> wrote:

Commissioners,

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Please let me know if you have any questions or concerns.

Regards,

MCB

# Exhibit A (1 of 1)

## GUAM WATERWORKS AUTHORITY ABSTRACT OF BIDS

# ORIGINAL

Project Name: BAZA GARDENS WASTEWATER CROSS-ISLAND PUMPING AND CONVEYANCE (PHASE II)  
Project Number: S15-008-BND; IFB-02-ENG-2016

Bid Opening Date: December 6, 2016  
Bid Opening Time: 3:00 pm

Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS							BID AMOUNT				
		Bidder Qualification Form	Non- Collusion Affidavit	EEO Certification	Non- Solicited Facilities	Sub-Offender Certification	Wage & Benefit Determination	Major Shareholders Affidavit		Special Instructions to Bidders	Attendance 1		
1. PACIFIC RIM CONSTRUCTORS, INC.													
2. SUMITOMO MITSUI CONST. CO., LTD													7,700,000
3. PERNIX													7,696,980.00
4. TALION CONST., LLC													
5. OBAYASHI GUAM													
6. BME & SONS INC.													5,919,045.43
7. MAEDA PACIFIC CORP.													7,985,000.00
GWA Estimate												6,445,186.00	

Bids Opened and Read by:

SORBA BENJAN  
(Name and Signature)

Tabulated By:

JOHNNY DAVIS  
(Name and Signature)

GWA Procurement Representative:

Nickolas Cate  
(Name and Signature)

Witnesses:

James Wilson

William Knight

Dean

James Wilson

# Exhibit B (1 of 2)

Website: [www.dcaguam.com](http://www.dcaguam.com)  
Email: [dca@dcaguam.com](mailto:dca@dcaguam.com)



December 27, 2016

Thomas Cruz, PE  
Chief Engineer  
Guam Waterworks Authority  
[thomas@guamwaterworks.org](mailto:thomas@guamwaterworks.org)  
671-300-6036  
Hand delivery

Ref: **Baza Gardens Wastewater Cross-Island Pumping and Conveyance System, Phase II**

Subj: **BME & Sons Bid Proposal Review**

Hafa Adai,

Dueñas, Camacho and Associates, Inc. (DCA) has reviewed the December 6th, 2016 Bid Proposal submitted by BME & Sons (BME) for the referenced project. The BME bid proposal was compared to the engineers estimate, overall the BME bid is 8% below the engineers estimate. A detailed bid item comparison has been attached to this letter for reference. In the matter of BME being greater than 20% lower than the other three bidders, DCA requested that GWA receive acknowledgement of the bids from BME's chosen bonding company. A response from the bonding company was received by GWA acknowledging the BME bid amount and the other three higher bid amounts.

Based on DCA's past experience working as a construction manger with BME, bid review and response from the bond company, the low bid amount is more likely than not attributed to the selected means and methods used by BME for construction rather than an error or omission on the bid. DCA has no exceptions with GWA moving forward with contracting BME & Sons for this referenced project.

Thank you,

Kenneth M. Rekdahl, PE  
Vice- President and Project Manager  
Duenas, Camacho & Associates  
671-477-7991  
[knrekdahl@dcaguam.com](mailto:knrekdahl@dcaguam.com)

Att:

Bidder Analysis

# Exhibit B (2 of 2)

## BAZA GARDENS WASTEWATER CROSS-ISLAND PUMPING AND CONVEYANCE SYSTEM (PHASE-II) - BID EVALUATION

Bid Item #	Description	UOM	QTY	BME			Estimate			Permex			Sumitomo			Masca			Statistical Lowest Price	Delta (Lowest Bid / Lowest Price)	Statistical Highest Price	Delta (Lowest Bid / Highest Price)
				Unit Rates	Bid Amounts	Bid Limits	Delta (Bid / Estimate)	Unit Rate	Amounts	Bid Limits	Delta (Bid / Estimate)	Unit Rate	Bid Amounts	Bid Limits	Delta (Bid / Estimate)	Unit Rate	Bid Amounts	Bid Limits				
1	Project mobilization (not to exceed 10% of total basic bid)	ls	1	197,090	197,090	3.33%	310%	48,101	48,101	665,712	665,712	3.45%	1245%	740,000	740,000	1438%	197,090	0%	740,000	-73%		
2	Temporary facilities	ls	1	59,774	59,774	157%	597%	23,238	23,238	80,832	80,832	347%	1930%	16,000	16,000	-31%	16,000	274%	471,632	-87%		
3	Pump station and conveyance system layout	ls	1	121,484	121,484	597%	597%	17,427	17,427	77,947	77,947	347%	393%	74,000	74,000	325%	74,000	64%	121,484	0%		
4	Equipment extended warranty	ls	1	49,150	49,150	-7%	-7%	52,633	52,633	19,020	19,020	-54%	163%	23,000	23,000	79%	19,020	138%	49,150	0%		
5	Temporary environmental protection	lf	16,024	3	52,537	158	-7%	56,327	56,327	6	6	94,134	68%	102,000	102,000	79%	52,537	0%	148,124	-65%		
6	Temporary traffic control	lf	645	152	97,875	365%	365%	20,984	20,984	319	319	205,977	822%	210,000	210,000	925%	97,875	0%	326,916	-70%		
7	Pump station site clearing	acre	0.6	80,036	48,022	-22%	-22%	17,428	10,457	58,713	35,228	237%	1458%	10,000	10,000	76%	58,713	76%	46,022	0%		
8	Pump station access road and pavement	sf	767	96	73,874	111%	111%	124	94,734	115	115	49,909	-7%	169	130,000	130,000	48%	73,874	48%	130,000	-4%	
9	Pump station perimeter fence line and gates	lf	386	290	111,801	-65%	-65%	829	319,905	567	567	170,424	-32%	442	230,000	230,000	37%	111,801	48%	230,000	-51%	
10	Pump station site grading	sf	2,836	77	218,195	-5%	-5%	81	230,623	32	32	70,431	-60%	123	350,000	350,000	52%	77	210%	350,000	-38%	
11	Pump station site drainage improvements complete in place	sf	3,566	5	19,447	-33%	-33%	8	29,065	4	4	14,172	-51%	6	20,000	20,000	-31%	14,172	37%	20,000	-3%	
12	Generator and wet-well structure and finishings	sf	269	2,249	604,847	-39%	-39%	3,661	984,846	3,068	3,068	780,233	-16%	2,045	550,000	550,000	-44%	2,045	10%	825,174	-27%	
13	Wastewater pumps complete in place	ea	3	47,875	143,626	-19%	-19%	59,255	177,765	104,499	82,138	76%	-54%	220,000	220,000	24%	82,138	75%	313,497	-54%		
14	Pump station mechanical process piping, fittings and flow-meter installed complete in-place	lf	42	2,204	92,555	-9%	-9%	2,422	101,733	1,435	1,435	81,347	-41%	2,143	90,000	90,000	-12%	1,937	54%	92,555	0%	
15	Pump VFDs, controls and level sensor (MHS)	ea	3	91,056	273,167	40%	40%	64,937	194,810	272	272	869,649	3%	470	440,000	440,000	126%	273,167	0%	869,649	-38%	
16	Sewer-line A (1,67ft of 15 inch PVC pipe and MHS)	lf	1,767	295	521,901	11%	11%	265	468,582	209	209	16,070	89%	182	830,000	830,000	77%	468,582	8%	868,649	-40%	
17	Sewer-line A road repair	sf	77	341	26,231	208%	208%	110	8,507	209	209	4,696	45%	162	14,000	14,000	65%	4,696	459%	26,231	0%	
18	Force-main 2 (14,39ft of 12 inch PVC pipe)	lf	14,399	137	1,977,400	10%	10%	125	1,804,911	190	190	2,732,401	51%	161	2,336,462	2,336,462	29%	1,977,400	0%	2,732,401	-28%	
19	Force-main 2 road repair	sf	683	161	110,071	19%	19%	135	92,489	128	128	49,335	-47%	161	110,000	110,000	123%	49,335	0%	110,071	0%	
20	24-inch PVC communication conduit and hand-lie complete in place	lf	16,008	33	529,990	-53%	-53%	71	1,128,602	40	40	852,049	-43%	47	750,000	750,000	-34%	529,990	0%	852,049	-38%	
21	Hand-lie complete in place	ea	1	103,923	103,923	-64%	-64%	290,467	290,467	91,609	91,609	63,000	-68%	10	63,000	63,000	-76%	91,609	65%	103,923	0%	
31	Pump station site (not include of transformer, light poles, communication and power lines complete in-place)	sf	25,520	5	120,852	25%	25%	4	95,172	3	3	66,259	-29%	10	255,000	255,000	165%	66,259	77%	255,000	-53%	
32	Standby generator installed complete in-place	ea	1	146,920	146,920	45%	45%	101,133	101,133	177,085	177,085	75%	-24%	150,000	150,000	48%	177,085	90%	177,085	-17%		
33	Wastewater pump station start-up and testing	ea	3	13,610	40,829	76%	76%	7,746	23,238	11,026	11,026	3,002	-51%	8,333	25,000	8%	9,005	353%	40,829	0%		
34	Project closeout (not less than 3% of total basic bid)	ls	1	177,583	177,583	362%	362%	38,457	38,457	234,291	234,291	3.04%	66%	240,000	240,000	524%	63,931	178%	240,000	-26%		
<b>Totals</b>				<b>5,919,045</b>	<b>5,919,045</b>	<b>3.00%</b>	<b>-9%</b>	<b>6,415,187</b>	<b>6,415,187</b>	<b>7,696,980</b>	<b>7,696,980</b>	<b>3.04%</b>	<b>20%</b>	<b>7,700,000</b>	<b>7,700,000</b>	<b>24%</b>	<b>4,988,070</b>	<b>18%</b>	<b>9,712,793</b>	<b>-39%</b>		
Total low bid items				3,238,680	3,238,680	54.74%																
Total high bid items				592,264	592,264	10.01%																

Notes:

a) The "Quantities" and "Unit Rates" in the above analyses are derived from the cost estimate detail. They do not necessarily represent what the bidders have used for their bids but do provide an insight as to what the various bidders might have included or not have included in each bid line item compared to other line items in each bid. Generally speaking we found the low bid unit rates to be reasonable.

b) The lowest price of each bid item from all bids totaled is \$4,988,070.47. The low bid (BME) is approximately 18% higher. Seven of the low bid line items (in green font) are the lowest of all bids, representing approximately 55% of the low bid total. The highest price of each bid item from all bids totaled is \$9,712,793.40. The low bid is approximately 39% lower. Eight of the low bid line items (in red font) are the highest of all bids, representing approximately 10% of the low bid total. This puts the low bid in the lower third of, but well within, the statistical lowest and highest price range.

c) Bid line items 1 and 34 imposes price limits on the bidders. All bids except for Sumitomo adhere to this requirement. Sumitomo did not meet the "not less than 3% of total basic bid" requirement for project closeout.

d) The four bids received resulted in approximately 22% spread between low and high bids which is a bit wider than what we typically hope to see. In highly competitive bidding market cycles this range tends to tighten up. Our opinion of the current Guam market is that it is fairly balanced in regards to the supply and demand of construction work. However, there is concern about a labor shortage due to the current regulations for H-2 workers which adds an element of risk for bidders which might go some ways in explaining the higher end of the bids received. That being said this project is not particularly labor intensive and depending on the bidders current and immediate future commitments, we do not see this as being a particularly big consideration. It is also possible that some of the bidders are using the same subcontractors which might further explain how some bids are closer to one another, but without seeing the subcontractor lists this is difficult to confirm. Having worked with all of the above bidders on other projects we have confidence that they are all capable of completing this project.

# Exhibit C (1 of 4)

Baza Gardens Wastewater Cross-Island Pumping and  
Conveyance System (Phase-II)  
Addendum No. 1

## SECTION A-3

### BID PROPOSAL

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

Dear Sir/Madam:

The undersigned ("Bidder"), a CORPORATION (Corporation or Partnership or Individual) organized and/or licensed to do business under the laws of GUAM, hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary for the **BAZA GARDENS WASTEWATER CROSS-ISLAND PUMPING AND CONVEYANCE SYSTEM (PHASE-II): S15-008-BND** in accordance with the bid documents for the sum of:

\$ Five Million Nine Hundred Nineteen Thousand Forty Five Dollars & 43/100 (\$5,919,045.43)  
*(Total from bid schedule written in English)*

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

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

The Bid Guaranty attached hereto without endorsement, in the sum of not less than fifteen percent (15%) of the highest amount the total aggregate bid, is furnished to the Guam Waterworks Authority as a guarantee that the Agreement will be executed and a Performance and Payment Bond and proof of insurance and other requirements set forth in the bid, in forms acceptable to GWA, shall be furnished within twenty (20) days after notification that the undersigned is the lowest responsible bidder. In the event that this Bid is accepted, and the undersigned bidder shall fail to: (1) provide any and all documents requested by GWA that are required under the bid; (2) execute the Contract on terms and conditions acceptable to GWA; and (3) furnish a satisfactory performance and Payment Bond under the conditions and within the time specified in this Proposal, the equivalent amount of the Proposed Guaranty shall be forfeited, as liquidated damages for the delay and additional work and costs caused thereby in obtaining another bidder, said amount being beforehand determined as being reasonable and containing no penalties. If written notice that the bidder is the lowest responsible bidder, and such notice is mailed, telegraphed or delivered to the undersigned within sixty (60) days after the

# Exhibit C (2 of 4)

Baza Gardens Wastewater Cross-Island Pumping and  
Conveyance System (Phase-II)  
Addendum No. 1

opening thereof, the undersigned agrees to execute the contract on terms and conditions acceptable to GWA, and to furnish a Performance and Payment Bond as a condition precedent to entering into the contract.

The undersigned hereby acknowledges receipt of the following Addenda:

Addendum No.	Dated:
<u>01</u>	<u>12-01-16</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

If awarded the Contract, the undersigned agrees to complete the work for the "Basic Bid" within three hundred and sixty-five (365) calendar days following the execution of the Contract by all parties thereto and the issuance of the Notice to Proceed from GWA.

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

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

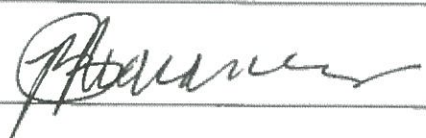
RESPECTFULLY SUBMITTED BY:

BME & SONS INC.

(CONTRACTOR)

BERNADETTE MARANAN

(BY)



VICE PRESIDENT

(TITLE)

P.O. BOX 24402 BARRIGADA, GUAM 96921

(BUSINESS ADDRESS)

# Exhibit C (3 of 4)

Baza Gardens Wastewater Cross-Island Pumping and  
Conveyance System (Phase-II)  
Addendum No. 1

## BID SCHEDULE

IFB-02-ENG-2017

### BAZA GARDENS WASTEWATER CROSS-ISLAND PUMPING AND CONVEYANCE SYSTEM (PHASE-II) GWA Project No. S15-008-BND

Item	Description	Specification Reference	Est. Qty.	Unit	Total
1	Project mobilization (not to exceed 10% of total basic bid)	010200	1	LS	\$197,090.12
2	Temporary facilities	015000	1	LS	\$59,773.93
3	Pump station and conveyance system layout	017000	1	LS	\$121,484.48
4	Equipment extended warranty	017810	1	LS	\$49,149.57
5	Temporary environmental protection	015010	1	LS	\$52,536.75
6	Temporary traffic control	010200	1	LS	\$97,874.93
7	Pump station site clearing	312230	1	LS	\$48,021.84
8	Pump station access road and pavement	321723	1	LS	\$73,874.17
9	Pump station perimeter fence line and gates	312831	1	LS	\$111,800.96
10	Pump station site grading	312316	1	LS	\$218,194.97
11	Pump station site drainage improvements complete in place	312316	1	LS	\$19,447.01
12	Generator and wet-well structure and finishings	032000	1	LS	\$604,847.00
13	Wastewater pumps complete in place	431311	1	LS	\$143,626.46
14	Pump station mechanical process piping, fittings and flow-meter installed complete in-place	400519	1	LS	\$92,554.68
15	Pump VFDs, controls and level sensor	262923	1	LS	\$273,167.05
16	Sewer-line A (1,767ft of 15	333113	1	LS	\$521,801.00

# Exhibit C (4 of 4)

Baza Gardens Wastewater Cross-Island Pumping and  
Conveyance System (Phase-II)  
Addendum No. 1

	inch PVC pipe and MHs)				
17	Sewer-line A road repair	Plan Reference	1	LS	\$26,231.06
18	Force-main 2 (14,399ft of 12 inch PVC pipe)	333400	1	LS	\$1,977,400.24
19	Force-main 2 road repair	Plan Reference	1	LS	\$110,070.94
20	2-4inch PVC communication conduit and hand-hole complete in place	Plan Reference	1	LS	\$529,990.42
21	Odor control unit complete in place	443121	1	LS	\$103,922.96
22	Pump station site electrical inclusive of transformer, light poles, communication and power lines complete in-place	260513	1	LS	\$120,852.17
23	Standby generator installed complete in-place	263213	1	LS	\$146,920.43
24	Wastewater pump station start-up and testing	018200	1	LS	\$40,828.87
25	Project closeout (not less than 3% of total basic bid)	017700	1	LS	\$177,583.42
	<b>Total Basic Bid</b>			LS	\$ 5,919,045.43

**NOTES:**

1. LS = Lump Sum.
2. All other work, description or specification reference not qualified or not listed in the Bid Schedule are considered incidental work and are an obligation of the Contractor under the various Bid Items as specified in the Bid at no additional cost to GWA.
3. Total basic bid shall include sales tax and all applicable taxes and permit fees.
4. The price bid for each item represents the total price for furnishing all materials, equipment, labor, tools and incidentals necessary to complete the work in-place.

**BASIS OF SELECTION**

Award will be based on the lowest Total Basic Bid. All contracts are subject to availability of funding.