



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. 19-FY2019**

**RELATIVE TO APPROVAL OF FUNDING INCREASE TO THE BAZA GARDENS  
WASTEWATER CROSS-ISLAND PUMPING AND CONVEYANCE SYSTEM DESIGN  
CONTRACT**

**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 currently has a number of critical Court Order (“CO”) projects including a complete evaluation of the Baza Gardens WWTP to determine what improvements are necessary at the plant to achieve compliance with the WWTP’s NDPES permit, as stated in Paragraph 13 of the 2011 Court Order; and

**WHEREAS**, GWA advertised for design services via RFP-13-ENG-2015 for an engineering firm to design the Baza Gardens Wastewater Cross-Island Pumping and Conveyance System; and

**WHEREAS**, the CCU approved via resolution 06-FY2016 that GWA enter into a contract with the most qualified design firm for an amount not to exceed Three Million Dollars (\$3,000,000); and

**WHEREAS**, GWA subsequently executed a contract on February 5, 2016, for design services with the most qualified firm, Duenas Camacho and Associates (DCA), in the amount of Two Million Nine Hundred Ninety-Seven Thousand Eight Hundred Seventy-Five Dollars and Five Cents (\$2,997,875.05); and

1  
2       **WHEREAS**, the CCU approved additional design services for a waterline,  
3 communications conduits, and private property acquisitions via Resolution 45-FY2016 in the  
4 amount of One Hundred Forty-Nine Thousand Eight Hundred Ninety-Three Dollars and  
5 Seventy-Five Cents (\$149,893.75), to bring the total funding to Three Million Two Hundred  
6 Fifty-Eight Thousand Nine Hundred Fourteen Dollars and Eighty Cents (\$3,258,914.80); and  
7

8       **WHEREAS**, during the course of the currently on-going Baza Gardens Wastewater  
9 Cross-Island Pumping and Conveyance System construction project, for which the construction  
10 completion period has been extended, the need for additional design services during construction  
11 have arisen, specifically for responses to RFI's, as-built survey work of completed structures,  
12 archeological monitoring of excavations near Agat, and the re-design of the final surface grading  
13 at the Baza Gardens treatment plant site; and  
14

15       **WHEREAS**, the additional work noted above has been a discussion point between GWA  
16 and DCA through the course of the construction period when the issue arose, however GWA  
17 only recently negotiated with DCA a fee proposal (Exhibit A) to perform these additional  
18 services in the amount of Sixty-Eight Thousand Fourteen Dollars and Sixty-Eight Cents  
19 (\$68,014.68), which GWA considers reasonable; and  
20

21       **WHEREAS**, GWA seeks CCU approval of a funding increase authorization in the  
22 amount not to exceed One Hundred Thousand Dollars (\$100,000.00) to fund the work noted  
23 above as well as any unforeseen design requirements GWA Management may deem necessary;  
24 and  
25

26       **WHEREAS**, the approval of the funding increase will bring the total authorized funding  
27 for the design services to be a maximum of Three Million Three Hundred Fifty-Eight Thousand  
28 Nine Hundred Fourteen Dollars and Eighty Cents (\$3,358,914.80); and  
29

30       **WHEREAS**, funding for these additional services will be from Bond Funds under the  
31 line items CIP WW 09-08 and WW 11-03, Internally Funded CIP fund or SDC, as applicable;  
32 and

1           **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
2 does hereby approve the following:

- 3           1. The recitals set forth above hereby constitute the findings of the CCU.  
4           2. The CCU finds that the terms of the conditions set by GWA relative to  
5 commencement of work activities are fair and reasonable and serve as a  
6 measure of Quality Assurance/Quality Control (QA/QC).  
7           3. The CCU hereby authorizes GWA to execute a Change Order with DCA in  
8 the amount of Sixty-Eight Thousand Three Hundred Ninety Dollars  
9 (\$68,390.00, Exhibit A).  
10          4. The CCU hereby further authorizes the total funding amount for this project to  
11 a maximum of Three Million Three Hundred Fifty-Eight Thousand Nine  
12 Hundred Fourteen Dollars and Eighty Cents (\$3,358,914.80), which is the  
13 sum of the authorization amount not to exceed One Hundred Thousand  
14 Dollars (\$100,000.00) and prior authorization (Res. 45-FY2016) of Three  
15 Million Two Hundred Fifty-Eight Thousand Nine Hundred Fourteen Dollars  
16 and Eighty Cents (\$3,258,914.80);  
17          5. The CCU hereby further authorizes the funding to be from Bond Funds under  
18 the line items CIP WW 09-08 and WW 11-03, Internally Funded CIP fund or  
19 SDC, as applicable.


20  
21           **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption  
22 of this Resolution.

23  
24           **DULY AND REGULARLY ADOPTED**, this 26<sup>th</sup> day of February, 2019.

25  
26           Certified by:

                  Attested by:

27           



28           **JOSEPH T. DUENAS**  
29           Chairperson

**MICHAEL T. LIMTIACO**  
                  Secretary

30           //

31           //  
32

**SECRETARY'S CERTIFICATE**

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

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

AYES: 4  
NAYS: 0  
ABSTENTIONS: 0  
ABSENT: 1



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EXHIBIT "A"

February 15, 2019

Attn: John Davis, PE

Ref: **Baza Gardens Wastewater Cross-Island Pumping and Conveyance System. GWA project number: S05-008-BND**

Subject: **Design Change Order 4. As-built survey, Archeological Monitoring and Baza Gardens Grading Revision**

Hafa Adai,

The following letter provides the fee the services as outlined below.

**As-built Survey**

At GWA's request, the DCA survey crew has performed an as-built survey of the newly installed gravity sewer-lines along the entire project length. A break down of this survey effort is provide in the attached fee breakdown.

**Archeological Survey Services.**

Archeological monitoring is required as part of the project construction permit. DCA has provided this monitoring through our sub-contractor SEARCH. Extended monitoring was required along the Route 2A portion of the project site. A copy of SEARCH's invoice and hourly breakdown is attached to this request. A copy of correspondence from SEACH indicating this this is the final request needed to close out the required archeological monitoring services is also attached to this request.

**Baza Gardens Revised Grading Plan**

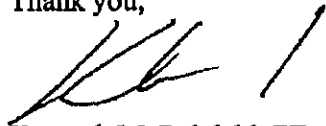
The second EQ tank at the Baza Gardens Site has been removed from the project. A revision to the final grade is needed to accommodate this revision. A breakdown of DCA's effort to provide a revised final grading plan is attached to this request.

February 15, 2019

The following is our proposed revised fee for the services listed above:

CO #4	
SEARCH Monitoring and Post monitoring Plan	\$47,752.00
DCA asbuilt Survey	\$13,638.00
Revised Baza Phase III Grading Plan	\$3,902.00
GRT	\$2,722.68
Total	\$68,014.68

Thank you,



Kenneth M. Rekdahl, PE  
Vice- President and Project Manager  
Duenas, Camacho & Associates  
671-477-7991

Att  
DCA spreadsheet /SEARCH Invoice





**BILL TO:**  
 Duenas, Camacho & Associates, Inc.  
 238 E. Marine Corps Drive  
 Suite 201 Diamond Plaza  
 Hagatna, Guam 96910

**REMIT TO:**  
 Southeastern Archaeological Research, Inc.  
 315 NW 138th Terrace  
 Newberry, FL 32669  
 (352) 333-0049  
 TIN 59-3215370

via email: kmrekdahl@dcaguam.com

Invoice Date: 11/19/18  
 Invoice Number: 3865-05

SEARCH Project No.: 3865-17008P  
 Terms: Net 14 Days

Period of Performance: 11/25/17 - 11/6/2018

**Providing Professional Archaeological Monitoring Services in Conjunction with  
 GWA Basa Gardens Wastewater Cross-Island Conveyance System  
 Guam**

<u>Contract Base Fee</u>	<u>Contract Value</u>	<u>Percent Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
Project Award	\$5,977.50	100%	\$5,977.50	\$5,977.50	\$0.00
Draft Final Report Submittal	\$5,977.50	0%	\$0.00	\$0.00	\$0.00
	<u>\$11,955.00</u>		<u>\$5,977.50</u>	<u>\$5,977.50</u>	
<b>Total Base Fee:</b>					<b>\$0.00</b>

<u>Archaeological Monitoring</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Archaeological Monitoring	334.2	\$125.00	\$41,775.00
<b>Total Archaeological Monitoring:</b>			<b>\$41,775.00</b>

**TOTAL AMOUNT BILLED THIS INVOICE: \$41,775.00**

**TOTAL AMOUNT DUE: \$41,775.00**

Thank you. We appreciate your business.





**BILL TO:**  
 Duenas, Camacho & Associates, Inc.  
 238 E. Marine Corps Drive  
 Suite 201 Diamond Plaza  
 Hagatna, Guam 96910

**REMIT TO:**  
 Southeastern Archaeological Research, Inc.  
 3117 Edgewater Drive  
 Orlando, FL 32804  
 (407) 236-7711  
 TIN 59-3215370

via email: kmrekdahl@dcaguam.com

Invoice Date: 02/13/19  
 Invoice Number: 3865-06

SEARCH Project No.: 3865-17009P  
 Terms: Net 14 Days

Period of Performance: 11/7/18-02/12/19

**Providing Professional Archaeological Monitoring Services In Conjunction with  
 GWA Basa Gardens Wastewater Cross-Island Conveyance System  
 Guam**

<u>Contract Base Fee</u>	<u>Contract Value</u>	<u>Percent Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
Project Award	\$5,977.50	100%	\$5,977.50	\$5,977.50	\$0.00
Draft Final Report Submittal	\$5,977.50	100%	\$5,977.50	\$0.00	\$5,977.50
<b>Total Base Fee:</b>	<b>\$11,955.00</b>		<b>\$11,955.00</b>	<b>\$5,977.50</b>	<b>\$5,977.50</b>

<u>Archaeological Monitoring</u>	<u>Hours</u>	<u>Rate</u>	<u>Cumulative</u>
Archaeological Monitoring	334.2	\$125.00	\$41,775.00
<b>Total Archaeological Monitoring:</b>			<b>\$0.00</b>

**TOTAL AMOUNT BILLED THIS INVOICE: \$5,977.50**

**TOTAL AMOUNT DUE: \$5,977.50**

Thank you. We appreciate your business.