



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. 37-FY2017

**RELATIVE TO CONTRACT APPROVAL FOR THE DESIGN AND CONSTRUCTION
OF THE UMATAC-MERIZO WASTEWATER TREATMENT PLANT UPGRADE
PROJECT S17-002-BND**

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

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

WHEREAS, GWA has a number of critical Court Order (“CO”) projects including a complete evaluation of the Umatac-Merizo Wastewater Treatment Plant (WWTP) to determine what improvements are necessary at the plant to achieve compliance with the WWTP’s National Pollutant Discharge Elimination System (NPDES) permit through the United States Environmental Protection Agency (USEPA), as stated in Paragraph 15 of the 2011 Court Order, as well as the completion of construction activities identified in the approved plan resulting from the evaluation noted above, as stated in Paragraph 16 of the 2011 Court Order; and

WHEREAS, in December of 2012, GWA’s Program Management Office (PMO), Brown and Caldwell, completed an Overflow Analysis for the Umatac-Merizo WWTP, which recommended several upgrades to the WWTP to prevent future overflows into the Toguan River; and

WHEREAS, the System Evaluation Report required under Paragraph 15 of the 2011 Court Order, completed in December of 2013 by GWA’s PMO, resulted in a recommendation to

1 GWA and USEPA that, with suitable WWTP upgrades and coordination with regulatory
2 agencies, continued operation of the land-application plant with seasonal/intermittent discharge
3 to the Toguan River could be a viable and cost-effective option; and
4

5 **WHEREAS**, in May of 2014, GWA's PMO completed an Implementation Plan and
6 Schedule as a supplement to the System Evaluation Report, that included a specific plan and
7 schedule to upgrade the existing Umatac-Merizo WWTP to achieve compliance with the
8 WWTP's NPDES permit by the 2011 Court Order deadline of December 31, 2018; and
9

10 **WHEREAS**, in May of 2014, GWA's PMO developed a white paper entitled "Umatac-
11 Merizo Wastewater Treatment Plant, Pursuit of an Affordable Compliance Solution for a Small
12 Island Community", which summarized effluent management options and costs, receiving water
13 monitoring results, evaluation of Guam's numeric nutrient standards, and regulatory options for
14 obtaining discharge compliance; and
15

16 **WHEREAS**, in April of 2015, GWA's PMO developed a draft Expanded Monitoring
17 Plan to assist with regulatory discussions regarding effluent compliance at Umatac-Merizo
18 WWTP, and expanded monitoring began in June of 2016; and
19

20 **WHEREAS**, in May of 2016, GWA's PMO prepared a Disinfection Evaluation
21 Technical Memorandum to assess disinfection options at the Umatac-Merizo WWTP, leading to
22 a recommendation that an ultraviolet disinfection process be implemented; and
23

24 **WHEREAS**, in June of 2016, GWA's PMO completed a Umatac-Merizo Wastewater
25 Treatment Plant Upgrade Project Basis of Design Report, which provided a preliminary design
26 intended to meet the June 30, 2016 interim deadline to execute a design contract, as described in
27 Paragraph 16 of the 2011 Court Order; and
28

29 **WHEREAS**, GWA Management, in an effort to comply with the intent of the 2011
30 Court Order interim deadline to execute a construction contract by June 30, 2017, determined
31 that the most expedient procurement process would be to proceed with a design-build project;
32 and

1
2 **WHEREAS**, GWA has advertised the Invitation to Bid (IFB-03-ENG-2017), for the
3 Design and Construction of the Umatac-Merizo Wastewater Treatment Plant Upgrade, soliciting
4 multi-step bid proposals from experienced and responsive bidders to design and construct repairs
5 and upgrades to the Umatac-Merizo Wastewater Treatment Plant, as described in the bid
6 specifications; and

7
8 **WHEREAS**, this project consists of furnishing all labor, tools, equipment and materials,
9 including coordination with GWA Wastewater Operations, GWA Engineering, the Construction
10 Manager / Owner's Site Representative, and GWA's PMO, that are necessary to design and
11 construct all components included in the bid specifications for the Umatac-Merizo Wastewater
12 Treatment Plant Upgrade; and

13
14 **WHEREAS**, IFB packages were obtained by multiple interested parties, from which
15 GWA received technical proposals from four (4) parties before the deadline, and all four (4)
16 technical proposals were reviewed by GWA Engineering and GWA's PMO, and all four (4)
17 technical proposals were found to be acceptable; and

18
19 **WHEREAS**, GWA received price proposals from two (2) parties (SEE EXHIBIT A –
20 Abstract of Bids) before the bid proposal deadline; and

21
22 **WHEREAS**, GWA's PMO, along with GWA Engineering, analyzed the two (2) bid
23 proposals received and determined that "Core Tech – Hawaiian Dredging, LLC" successfully
24 submitted the lowest bid as responsive and responsible and met all the bid requirements set forth
25 by GWA (SEE EXHIBIT B – Evaluation); and

26
27 **WHEREAS**, GWA Management finds the "Core Tech – Hawaiian Dredging, LLC" bid
28 proposal acceptable and now seeks CCU approval of the bid proposal amount of Eighteen
29 Million Six Hundred Forty Five Thousand Four Hundred Fifty Dollars (\$18,645,450.00) (SEE
30 EXHIBIT C – BID PROPOSAL); and

1 **WHEREAS**, GWA Management further seeks CCU approval of a ten percent (10%)
2 contingency to the bid proposal amount, or One Million Eight Hundred Sixty Four Thousand
3 Five Hundred Forty Five Dollars (\$1,864,545.00), to bring the total authorized funding amount
4 to Twenty Million Five Hundred Nine Thousand Nine Hundred Ninety Five Dollars
5 (\$20,509,995.00); and

6
7 **WHEREAS**, funding for this project will be from the GWA Bond Funds under the line
8 items CIP WW 11-04 "Facilities Plan/Design/Interim for Umatac-Merizo STP Impr.", WW 12-
9 07 "Umatac Merizo STP Replacement", Internally Funded CIP and to the extent applicable
10 System Development Charge (SDC); and

11
12 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
13 does hereby approve the following:

- 14 1. The recitals set forth above hereby constitute the findings of the CCU.
- 15 2. The CCU finds that the terms and conditions set by GWA relative to
16 commencement of work activities are fair and reasonable and serve as a measure
17 of Quality Assurance/Quality Control (QA/QC).
- 18 3. The CCU hereby authorizes the management of GWA to accept the bid proposal
19 from "Core Tech – Hawaiian Dredging, LLC" attached hereto as EXHIBIT C,
20 and which is 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 "Core Tech – Hawaiian Dredging, LLC" in the amount of Eighteen
23 Million Six Hundred Forty Five Thousand Four Hundred Fifty Dollars
24 (\$18,645,450.00).
- 25 5. The CCU hereby further approves the funding total of Eighteen Million Six
26 Hundred Forty Five Thousand Four Hundred Fifty Dollars (\$18,645,450.00), plus
27 a ten percent (10%) contingency of One Million Eight Hundred Sixty Four
28 Thousand Five Hundred Forty Five Dollars (\$1,864,545.00) for a total amount of
29 Twenty Million Five Hundred Nine Thousand Nine Hundred Ninety Five Dollars
30 (\$20,509,995.00).
- 31 6. The CCU hereby further approves funding for this project to be from the GWA
32 Bond Funds under the line items CIP WW 11-04 "Facilities Plan/Design/Interim

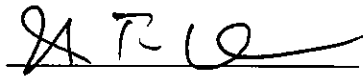
1 for Umatac-Merizo STP Impr.", WW 12-07 "Umatac Merizo STP Replacement",
2 Internally Funded CIP and to the extent applicable System Development Charge
3 (SDC).
4

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

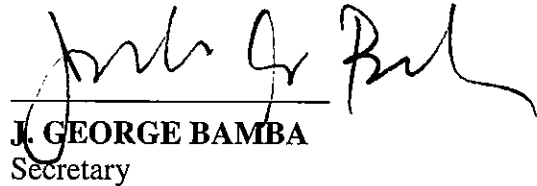
8 **DULY AND REGULARLY ADOPTED**, this 6th day of June 2017.
9

10 Certified by:

Attested by:

11 

12 **JOSEPH T. DUENAS**
13 Chairperson
14

15 

16 **J. GEORGE BAMBA**
17 Secretary
18

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

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

27	AYES:	<u>5</u>
28	NAYS:	<u>0</u>
29	ABSTENTIONS:	<u>0</u>
30	ABSENT:	<u>0</u>

31 ///

32 ///

///

ORIGINAL

GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

Project Name: DESIGN AND CONSTRUCTION OF THE UMATAC-MERIZO WASTEWATER TREATMENT PLANT UPGRADE (Multi-Step Bid)
Project Number: 517-002-BND; IFB-03-ENG-2017

STEP 2 Bid Opening Date: May 12, 2017
STEP 2 Bid Opening Time: 3:00 pm

Qualified Bidders	Section A-5 Bid Bond	CERTIFICATIONS							TOTAL BASE BID	
		Bidder Qualification Form	Non-Collusion Affidavit	EEO Certification	Non-Segregated Facilities	Sex Offender Certification	Wage & Benefit Determination	Major Shareholders Affidavit		Special Instructions to Bidders
1. CORE TECH-HAWAIIAN DREDGING, LLC	Fidelity Deposit Company of Maryland 15% of total bid amount	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	\$18,645,450.00
2. SUMITOMO MITSUI CONST. CO., LTD.		2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	
3. BLACK CONSTRUCTION CORP.	Safeco Insurance of America 15% of the bid amount	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	\$22,317,880.00
4. PERNIX, GUAM LLC		2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	2/2/2017	

Bids Opened and Read by: GIORDIA PERLSAN (Name and Signature)
 Tabulated By: NICOLE B. QUAN (Name and Signature)
 GWA-Procurement Representative: STEPHAN MANDANA (Name and Signature)
 Witnesses: (Print and Sign)
RODRIGO F. BISMONTE
JOSE ANILIE BOMFAJIO
ALON CLAMPARD 97-HDEC
EMILIE LINEAT SINCE
ERICSSON MANSUE
Bill Chang, D.C. Hillery
 Director of A. Maramba STI

Exhibit B (1 of 4)



May 22, 2017

Mr. Thomas Cruz, P.E.
Chief Engineer
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 16
Mangilao, Guam 96913

Subject: Letter of Recommendation for the Design and Construction of the Umatac-Merizo Wastewater Treatment Plant Upgrade; GWA Project Number S17-002-BND

Dear Mr. Cruz:

We have completed our review of the Umatac-Merizo Wastewater Treatment Plant Upgrade project. Based on our review of the bid proposals from all interested parties, Brown and Caldwell (BC) has determined that CoreTech – Hawaiian Dredging, LLC is the apparent lowest bidder with a total base bid of \$18,645,450.00.

In several places on the bid form, CoreTech – Hawaiian Dredging, LLC has indicated “included” for individual line items, instead of a value in dollars. Based on our review of the contract requirements including the Instructions to bidders, we believe that this is acceptable as it does indicate that all the work is included and it does not affect the total price, quantity, quality or delivery of the work. Before proceeding with the contract award, GWA should concur with our recommendation regarding this issue.

Based on our review, BC recommends executing a contract with CoreTech – Hawaiian Dredging, LLC to provide design and construction services for the this project, as their bid proposal was within reason for the scope of the project. Table 1 summarizes the submitted bids, and Attachment 2 tabulates the details of each party’s bids.

Lastly, BC has verified that CoreTech – Hawaiian Dredging, LLC submitted all required documents to be qualified and considered for this project

Table 1: Bid Summary

Bidder	Total Bid	Variance
Brown and Caldwell's Cost Estimate	\$20,400,000	-
CoreTech – Hawaiian Dredging, LLC	\$18,645,450.00	7%
Black Construction Corporation	\$22,317,880.00	12%

If you have any questions regarding our evaluation or recommendation, please call me at (671) 477-0975.

Respectfully Submitted,

Brown and Caldwell



Kurt Bilz, P.E.

Managing Engineer

KRB:ejm

cc: Erickson Marble, Brown and Caldwell

Gloria Bensen, Guam Waterworks Authority

Attachments:

1. GWA Abstract of Bids
2. Bid Tabulation
3. Bid Form, CoreTech – Hawaiian Dredging, LLC



GUAM WATERWORKS AUTHORITY

Exhibit B (3 of 4)

Design and Construction of the Umatac-Merizo Wastewater Treatment Plant Upgrade (IFB-003-ENG-2017)

Bid Tabulation

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Extended Price	
					CORE TECH - HAWAIIAN DREDGING, LLC	BLACK CONSTRUCTION CORPORATION
BF-1	Base Bid					
1	All work to provide Geotechnical Investigations and develop Project Geotechnical Report	1	JOB	LS	\$ 167,271.00	\$ 78,477.00
2	All work to provide Survey and Mapping	1	JOB	LS	\$ 75,327.00	\$ 86,400.00
3	All work to provide all other required design and Design Professional Services, including but not limited to permitting and value engineering	1	JOB	LS	\$ 1,964,066.00	\$ 2,352,100.00
4	Sum of all work to construct Upgraded Waste Water Treatment Plant (Sum of items 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, and 4.18)	1	JOB	LS	\$ 16,438,785.00	\$ 19,800,903.00
4.1	All work to mobilize and demobilize for construction.	1	JOB	LS	\$ 2,773,749.00	\$ 30,648.00
4.2	All work to connect Site Utilities	1	JOB	LS	\$ 191,584.00	\$ 338,349.00
4.3	All work to construct Upgraded Influent Pump Station including removal, decommissioning, and / or demolition of existing equipment and all bypass systems	1	JOB	LS	\$ 213,388.00	\$ 366,669.00
4.4	All work to construct New Headworks	1	JOB	LS	\$ 1,184,321.00	\$ 1,556,006.00
4.5	All work to construct Upgraded Aerated Lagoon including removal, decommissioning, and / or demolition of existing equipment and all bypass systems	1	JOB	LS	\$ 422,568.00	\$ 249,752.00
4.6	All work to construct New Lagoon Effluent Pump Station	1	JOB	LS	\$ 328,007.00	\$ 833,932.00
4.7	All work to construct New Lagoon Effluent Foremain (Sum of items 4.7.1 and 4.7.2)	1	JOB	LS	\$ 456,864.00	\$ 496,209.00
4.7.1	Excavation	1	JOB	LS	\$ 64,714.00	\$ 215,511.00
4.7.2	All other work to construct New Lagoon Effluent Foremain	1	JOB	LS	\$ 392,150.00	\$ 280,698.00
4.8	All work to construct Upgraded Overland Flow System including all bypass systems (Sum of items 4.8.1 and 4.8.2)	1	JOB	LS	\$ 5,000,893.00	\$ 8,298,669.00
4.8.1	All work to construct New Overland Flow Storage Tank (prestressed, concrete D110 tank) (Sum of items 4.8.1.1 and 4.8.1.2)	1	JOB	LS	\$ 1,732,327.00	\$ 2,359,094.00
4.8.1.1	All work to construct foundation	1	JOB	LS	\$ 292,655.00	\$ 456,908.00
4.8.1.2	All other work for New Overland Flow Storage Tank	1	JOB	LS	\$ 1,439,672.00	\$ 1,902,187.00

Exhibit B (4 of 4)



GUAM WATERWORKS AUTHORITY

Design and Construction of the Umatac-Merizo Wastewater Treatment Plant Upgrade (IFB-003-ENG-2017)

Bid Tabulation

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Extended Price	
					CORE TECH - HAWAIIAN DREDGING, LLC	BLACK CONSTRUCTION CORPORATION
4.8.2	All other work for the Upgraded Overland Flow System including removal, decommissioning, and / or demolition of existing equipment and bypass systems	1	JOB	LS	\$ 3,268,566.00	\$ 5,939,574.00
4.9	All work to construct New UV Disinfection System	1	JOB	LS	\$ 1,989,311.00	\$ 2,406,823.00
4.10	All work to decommission Pump Station 19 and Existing Effluent Forcemain	1	JOB	LS	\$ 23,030.00	\$ 9,254.00
4.11	All work to construct All Appurtenant Facilities (Upgraded Plant Water System, New Access Road, new pedestrian paths to river monitoring locations, overland flow site fencing)	1	JOB	LS	\$ 1,653,625.00	\$ 444,139.00
4.12	All electrical work including new generator	1	JOB	LS	\$ 553,312.00	\$ 1,793,602.00
4.13	All instrumentation and Control Work including telecommunications	1	JOB	LS	\$ 720,531.00	\$ 1,114,325.00
4.14	All Work to provide Startup, Commissioning, Acceptance Testing, Transition, and Training including Startup, Commissioning, Transition, Accept Testing and Training Plan	1	JOB	LS	included	\$ 269,767.00
4.15	All required Mobile Equipment	1	JOB	LS	\$ 795,479.00	\$ 746,489.00
4.16	All required Spare Parts	1	JOB	LS	\$ 132,123.00	\$ 249,029.00
4.17	All Work for As-Built Drawings and Specifications, and O&M Manuals from preparation to final approval	1	JOB	LS	included	\$ 152,487.00
4.18	All other work required by the Contract Documents	1	JOB	LS	included	\$ 444,753.00
5	TOTAL BASE BID (Sum of items 1, 2, 3, and 4)	--	--	--	\$ 18,645,450.00	\$ 22,317,880.00
BF-2	Bid Deductions					
BD1	Credit for deletion of Upgraded Influent Pump Station (see bid item 4.3)	1	JOB	LS	\$ 213,388.00	\$ 221,281.00
BD2	Credit for deletion of mobile equipment (see bid item 4.15)	1	JOB	LS	\$ 795,479.00	\$ 450,000.00
BD3	Credit for deletion of all spare parts, except for UV system spare parts)	1	JOB	LS	\$ 75,000.00	\$ 115,287.00
BF-3	Bid Alternates					
BA1	All work for alternate New Overland Flow Storage Tank (welded stainless steel) (Sum of items BA1.1 and BA1.2)	1	JOB	LS	\$ 2,500,000.00	\$ 2,150,998.00
BA1.1	Foundation	1	JOB	LS	included	\$ 141,214.00
BA1.2	All other work for alternate New Overland Flow Storage Tank	1	JOB	LS	included	\$ 2,009,784.00

Definitions:

LS-Lump Sum

Exhibit C (1 of 3)

BF-1. Base Bid Form

Item No.	Description of Item	QTY	Unit	Unit Price	Amount
1	All work to provide Geotechnical Investigations and develop Project Geotechnical Report	1	JOB	L.S.	\$ 167,271.00
2	All work to provide Survey and Mapping	1	JOB	L.S.	\$ 75,327.00
3	All work to provide all other required design and Design Professional Services, including but not limited to permitting and value engineering	1	JOB	L.S.	\$ 1,964,066.00
4	Sum of all work to construct Upgraded Waste Water Treatment Plant <i>(Sum of items 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, and 4.18)</i>	1	JOB	L.S.	\$ 16,438,786.00
4.1	All work to mobilize and demobilize for construction.	1	JOB	L.S.	\$ 2,773,749.00
4.2	All work to connect Site Utilities	1	JOB	L.S.	\$ 191,584.00
4.3	All work to construct Upgraded Influent Pump Station including removal, decommissioning, and / or demolition of existing equipment and all bypass systems	1	JOB	L.S.	\$ 213,388.00
4.4	All work to construct New Headworks	1	JOB	L.S.	\$ 1,184,321.00
4.5	All work to construct Upgraded Aerated Lagoon including removal, decommissioning, and / or demolition of existing equipment and all bypass systems	1	JOB	L.S.	\$ 422,568.00
4.6	All work to construct New Lagoon Effluent Pump Station	1	JOB	L.S.	\$ 328,007.00
4.7	All work to construct New Lagoon Effluent Forcemain <i>(Sum of items 4.7.1 and 4.7.2)</i>	1	JOB	L.S.	\$ 456,864.00
4.7.1	Excavation	1	JOB	L.S.	\$ 64,714.00
4.7.2	All other work to construct New Lagoon Effluent Forcemain	1	JOB	L.S.	\$ 392,150.00
4.8	All work to construct Upgraded Overland Flow System including all bypass systems <i>(Sum of items 4.8.1 and 4.8.2)</i>	1	JOB	L.S.	\$ 5,000,893.00
4.8.1	All work to construct New Overland Flow Storage Tank (prestressed, concrete D110 tank) <i>(Sum of items 4.8.1.1 and 4.8.1.2)</i>	1	JOB	L.S.	\$ 1,732,327.00
4.8.1.1	All work to construct foundation	1	JOB	L.S.	\$ 292,655.00

Exhibit C (2 of 3)

BF-1. Base Bid Form

Item No.	Description of Item	QTY	Unit	Unit Price	Amount
4.8.1.2	All other work for New Overland Flow Storage Tank	1	JOB	L.S.	\$ 1,439,672.00
4.8.2	All other work for the Upgraded Overland Flow System including removal, decommissioning, and / or demolition of existing equipment and bypass systems	1	JOB	L.S.	\$ 3,268,566.00
4.9	All work to construct New UV Disinfection System	1	JOB	L.S.	\$ 1,989,311.00
4.10	All work to decommission Pump Station 19 and Existing Effluent Forcemain	1	JOB	L.S.	\$ 23,030.00
4.11	All work to construct All Appurtenant Facilities (Upgraded Plant Water System, New Access Road, new pedestrian paths to river monitoring locations, overland flow site fencing)	1	JOB	L.S.	\$ 1,653,625.00
4.12	All electrical work including new generator	1	JOB	L.S.	\$ 553,312.00
4.13	All instrumentation and Control Work including telecommunications	1	JOB	L.S.	\$ 720,531.00
4.14	All Work to provide Startup, Commissioning, Acceptance Testing, Transition, and Training including Startup, Commissioning, Transition, Accept Testing and Training Plan	1	JOB	L.S.	included
4.15	All required Mobile Equipment	1	JOB	L.S.	\$ 795,479.00
4.16	All required Spare Parts	1	JOB	L.S.	\$ 132,123.00
4.17	All Work for As-Built Drawings and Specifications, and O&M Manuals from preparation to final approval	1	JOB	L.S.	included
4.18	All other work required by the Contract Documents	1	JOB	L.S.	included
5	TOTAL BASE BID (Sum of items 1, 2, 3, and 4) Eighteen Million Six Hundred Forty Five Thousand Four Hundred Fifty DOLLARS				\$ 18,645,450.00

Exhibit C (3 of 3)

BF-2. Bid Deductions

Item No.	Description of Item	QTY	Unit	Unit Price	Amount
BD1	Credit for deletion of Upgraded Influent Pump Station (see bid item 4.3)	1	JOB	L.S.	\$ 213,388.00
BD2	Credit for deletion of mobile equipment (see bid item 4.15)	1	JOB	L.S.	\$ 795,479.00
BD3	Credit for deletion of all spare parts, except for UV system spare parts)	1	JOB	L.S.	\$ 75,000.00

Table BF-3. Bid Alternates

Item No.	Description of Item	QTY	Unit	Unit Price	Amount
BA1	All work for alternate New Overland Flow Storage Tank (welded stainless steel) (Sum of items BA1.1 and BA1.2)	1	JOB	L.S.	\$ 2,500,000.00
BA1.1	Foundation	1	JOB	L.S.	included
BA1.2	All other work for alternate New Overland Flow Storage Tank	1	JOB	L.S.	included

Submitted By: Core Tech - Hawaiian Dredging, LLC

Name (typed): Conchita D. Bathan



Attach appropriate Authorization to Sign on behalf of Proposer