THERESA G. ROJAS, ESQ.

Legal Counsel

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Guam Waterworks Authority

Gloria B. Nelson Public Service Building

688 Route 15, Suite 304 Mangilao, Guam 96913

Telephone No: (671) 300-6848

Fax No: (671) 648-3290

Email: tgrojas@guamwaterworks.org



**GWA RESOLUTION NO. 07-FY2022** 

# BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN THE MATTER OF:

) GWA DOCKET NO. 22-05

IN THE MATTER OF

NOTICE OF FILING:

WATERWORKS AUTHORITY TO PROCURE AN INDEFINITE DELIVERY/

INDEFINITE QUANTITY DESIGN-BUILD

SERVICES CONTRACT AND AN

THE PETITION OF THE GUAM

INDEFINITE DELIVERY/ INDEFINITE QUANTITY PROFESSIONAL ROJECT/

CONSTRUCTION MANAGEMENT

SERVICES CONTRACT FOR GWA'S

ISLANDWIDE SEWER COLLECTION/

TRANSMISSION SYSTEM REPAIR,

REHABILITATION, AND REPLACEMENT PROJECT.

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COMES NOW, the GUAM WATERWORKS AUTHORITY ("GWA"), by and through

its counsel of record, THERESA G. ROJAS, ESQ., and hereby files GWA Resolution No. 07-

FY2022, as approved by the CCU on January 25, 2022, and its supporting exhibits (A-01 to

A-36), in support of GWA's January 7, 2022, Petition to PUC for GWA to Procure an ID/IQ

Design-Build Contract and an ID/IQ Professional Project/Construction Management

Contract for GWA's Islandwide Sewer Collection/Transmission System Repair,

Rehabilitation, and Replacement Project.

RESPECTFULLY SUBMITTED this 27th day of January, 2022.

By:

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THERESA G. ROJAS GWA Legal Counsel

Digitally signed by Theresa G. Rojas

Theresa G. Rojas Rojas Date: 2022.01.27 10:18:02

# CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamecu.org

# **GWA RESOLUTION NO. 07-FY2022**

RELATIVE TO REQUESTING APPROVAL TO PROCURE AN INDEFINITE DELIVERY/INDEFINITE QUANTITY DESIGN-BUILD SERVICES CONTRACT AND AN INDEFINITE DELIVERY/INDEFINITE QUANTITY PROFESSIONAL PROJECT/CONSTRUCTION MANAGEMENT SERVICES CONTRACT FOR GWA'S ISLANDWIDE SEWER COLLECTION/TRANSMISSION SYSTEM REPAIR, REHABILITATION, AND REPLACEMENT PROJECT

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 is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA's public wastewater collection/transmission system, consisting of gravity mains, manholes (MH), laterals, force mains (FM), and related appurtenances, is in need of repair, rehabilitation, or replacement in various locations island-wide; and

WHEREAS, the GWA public wastewater collection/transmission system, is in occasional need of design-build services to address emergency repairs that exceed in-house resources; and

WHEREAS, GWA endeavors to enter into a contract to repair, rehabilitate, or replace the wastewater collection/transmission system for the protection of human and environmental health, and in anticipation of a consent decree with the United States Environmental Protection Agency (USEPA); and

WHEREAS, a variety of repair methods will be considered and used, to include Curedin-Place-Pipe (CIPP), spot repairs, open-trench pipe replacement depending on the situation and

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location of sewer, with a primary consideration to minimize impacts while ensuring continuity and quality of service, which require specialized services; and

WHEREAS, funding is available through bonds identified on the GWA Capital Improvements Plan, grants, internally funded capital improvement program (IFCIP) funds, and System Development Charge Funds; and

WHEREAS, GWA is seeking an experienced and qualified sewer design-build Indefinite Delivery - Indefinite Quantity contractor provide (IDIO) Collection/Transmission System Repair, Rehabilitation, and Replacement services while ensuring continuity of sewer service to customers and minimizing adverse impacts to the island;

WHEREAS, the IDIQ design-build contractor will be selected through a Multi-step Sealed Bidding, consisting of a first step during which bidders submit un-priced technical offers to be evaluated by GWA and a second step, under which those bidders whose technical offers have been qualified under the criteria set forth during the first step solicitation, provide priced, sealed bids; and

WHEREAS, GWA is seeking experienced and qualified professionals to provide IDIQ Project/Construction Management services to support the IDIO design-build of the Sewer Collection/Transmission System Repair, Rehabilitation, and Replacement project; and

WHEREAS, the IDIQ Project/Construction Management services will be procured through a request for proposals; and

WHEREAS, project locations to be considered include, but are not limited to, the following sites identified in GWA's 2018 Water Resources Master Plan Update: Route 10 Barrigada gravity sewer, Route 1 Piti gravity sewer, Finile Drive Agat gravity sewer, and Route 1 Asan force main (see Exhibit A), with other locations to be determined based on priority and funding; and

WHEREAS, due to the multiple sewer locations in need of repair, rehabilitation, or replacement, multiple contracts per IDIQ procurement will be considered; and

WHEREAS, the design and construction cost of the identified projects were estimated to total Thirteen Million Thirty Thousand Dollars (\$13,030,000.00) in the 2018 Master Plan (see Exhibit A) and additional projects or escalation factors occurring since the original estimates were prepared may increase the contract value; and

WHEREAS, the cost of IDIQ project/construction management contract is anticipated to exceed One Million Dollars (\$1,000,000.00) based on the current construction management contract for the Asan-Adelup-Hagatna Route 1 Sewerline Rehabilitation and Replacement Project (see Exhibit B); and

WHEREAS, the Public Utilities Commission (PUC) contract review protocol requires GWA to obtain approval prior to advertising procurement for projects with an anticipated value of One Million Dollars (\$1,000,000.00) or greater; and

WHEREAS, the CCU must approve all petitions to the PUC.

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- The CCU finds that the IDIQ Design-Build Sewer Collection/Transmission System Repair, Rehabilitation, and Replacement is necessary for the protection of human and environmental health, and to meet the anticipated consent decree with the United States Environmental Protection Agency.
- 3. The CCU finds that the IDIQ Professional Project/Construction Management Sewer Collection/Transmission System Repair, Rehabilitation, and Replacement is necessary to support the IDIQ Design-Build Sewer Collection/Transmission System Repair, Rehabilitation, and Replacement Project.
- The CCU hereby further approves management to submit a petition to the PUC for the procurement of one IDIQ Design-Build solicitation and one IDIQ

Project/Construction Management solicitation for island-wide sewer repair. rehabilitation, and replacement.

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

DULY AND REGULARLY ADOPTED, this 25th day of January, 2022.

Certified by:

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Attested by:

Chairperson

MICHAEL T. LIMTIACO

Secretary

# 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:

NAYS:

ABSENT:

ABSTAIN:



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# EXHIBIT A

# GWA Master Plan Projects

Number	Project	Cost Estimate
MP-WW-Pipe-02	Barrigada Pump Station Pipe	\$5,420,000
	Rehabilitation/Replacement	
MP-WW-Pipe-03	Route 1 Piti Pipe Rehabilitation/Replacement	\$4,480,000
MP-WW-Pipe-26	Finile Drive Rehabilitation – Agat	\$830,000
MP-WW-FM-03	Route 1 Asan Force Main	\$2,300,000
	Rehabilitation/Replacement	
	Total	\$13,030,000

	Barrigada Pump Station Pipe	Rehabilitation/Repl	acemen	t	
Project Number	MP-WW-Pipe-02	E	Basin	Hagåtña	
Description	Replace approximately 4,420 feet of gravity p pump station (shown below in yellow). Section 8 discusses I/I issues along this pipe				
Justification	The original pipeline liner is blistering and sep	parating from the pipe. TI	ne pipelin	e will probably n	eed to be replaced
Proposed Schedule	Begin Design: 2022				
Cost Estimate	\$5.42M				
Reference Documents	WRMPU Volume 3, Section 4, Table 4-13				



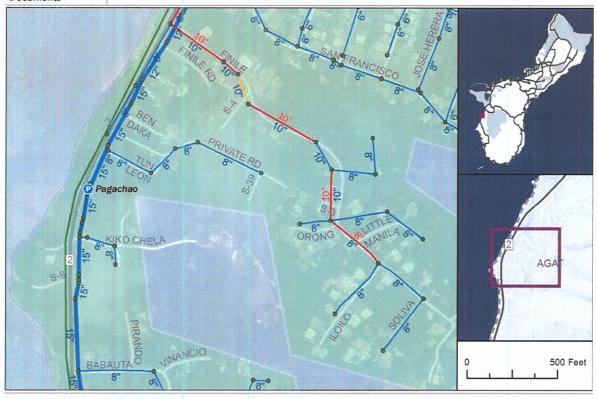
This proposed project is subject to change. Projects will generally include an engineering study, detailed design, and field verification to refine the exact project scope and budget. Costs are presented in 2017 dollars and do not account for increases due to inflation and escalation. See Volume 1, Appendix D for cost estimate assumptions.

	Route 1 Piti Pipe Rehat	onitation/Replacem	ent	
Project Number	MP-WW-Pipe-03		Basin	Hagåtña
Description	Rehabilitate or replace approximately 4,675 for yellow). The project will evaluate the use of CIF necessary repairs.	eet of gravity piping in P PP options and open cut	Piti along I and repla	Marine Corp Drive (shown below in ace construction to complete the
Justification	The original liner on this pipeline is in poor con that jetting the pipe for routine maintenance or	dition. The crowns of th ould cause a failure.	e pipes a	re deteriorated and GWA is concerned
Proposed Schedule	Begin Design: 2018			
Cost Estimate	\$4.48M			
Reference Documents	WRMPU Volume 3, Section 4, Table 4-13			



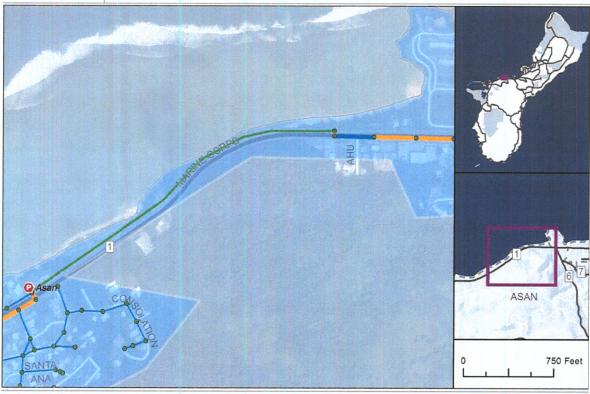
This proposed project is subject to change. Projects will generally include an engineering study, detailed design, and field verification to refine the exact project scope and budget. Costs are presented in 2017 dollars and do not account for increases due to inflation and escalation. See Volume 1, Appendix D for cost estimate assumptions.

Finile Drive Rehabilitation - Agat											
Project Number	MP-WW-Pipe-26	Basii	n Agat								
Description	Rehabilitate or replace approximately 1,540 for orange). The project will evaluate the use of Clinecessary repairs.										
Justification	This piping has been identified by field investig replacement.	ation to be in very poor cond	lition and requires	s rehabilitation or							
Proposed Schedule	Begin Design: 2019										
Cost Estimate	\$830,000										
Reference Documents	Southern SSES Rehabilitation – Phase 1 (Agat	-Santa Rita-Umatac-Merizo)	(BC, 2016)								



This proposed project is subject to change. Projects will generally include an engineering study, detailed design, and field verification to refine the exact project scope and budget. Costs are presented in 2017 dollars and do not account for increases due to inflation and escalation. See Volume 1, Appendix D for cost estimate assumptions.

	Route 1 As	an Force Main Rehab	ilitation/Replacement	
Project Number	MP-WW-FM-03		Basin	Hagåtña
Description	Replace the force main alo	ng Route 1 (shown below	in green).	
Justification	The force main has been ex repairs in the past and a lo			stline. The pipe has required spot
Proposed Schedule	Begin Design: 2018			
Cost Estimate	\$2.30M			
Reference Documents	WRMPU Volume 3, Section	5.2		



This proposed project is subject to change. Projects will generally include an engineering study, detailed design, and field verification to refine the exact project scope and budget. Costs are presented in 2017 dollars and do not account for increases due to inflation and escalation. See Volume 1, Appendix D for cost estimate assumptions.



# **EXHIBIT B**

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

## **GWA RESOLUTION NO. 04-FY2021**

RELATIVE TO APPROVAL OF A CHANGE ORDER FOR A CONSTRUCTION
MANAGEMENT CONTRACT FOR PHASE II OF THE ASAN-ADELUP-HAGATNA,
ROUTE 1 SEWERLINE REHABILITATION AND REPLACEMENT PROJECT
\$15-002-EPA

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

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

WHEREAS, GWA has received a grant from the United States Environmental Protection Agency ("USEPA") under the State Revolving Fund ("SRF") program to improve the sewer collection system, which included the gravity sewer line along Route 1, from the Asan "War in the Pacific" National Historical Park to the Agana Main Pump Station; and

WHEREAS, the segments of gravity sewer line indicated is deteriorating and has experienced collapses, bellies in the sewer line, offsets, and sections of missing or badly corroded pipe, and the intent of this project is to rehabilitate, repair or replace these sections; and

WHEREAS, GWA procured construction management (CM) services through Request for Proposal No. RFP-04-ENG-2017 that included CM services for the Rt.1 Sewer Line Rehabilitation and Replacement Project from Asan to Hagatna; and

WHEREAS, due to funding limitations, the full scope of work for construction of the Rt.1 Sewer Rehabilitation and Replacement Project was divided into phases such that Phase I construction was awarded to InfraTech International LLC for Phase I, from Asan to the Asan

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Pump Station, through Invitation for Re-Bid No. IFB-11-ENG-2017 (GWA Project No. S15-002-EPA) and Phase II, from the Asan Pump Station to Adelup and toward Hagatna, was recently advertised through Invitation for Bid no. IFB-06-ENG-2020 (GWA Project No. S15-002-EPA); and

WHEREAS, GWA selected Duenas, Camacho & Associates, Inc. (DCA) for the CM Services, and negotiated with DCA for Phase I in the amount of amount of Eight Hundred Seventy Thousand Six Hundred Ten Dollars and Forty-One Cents (\$870,610.41); and

WHEREAS, by Resolution No. 30-FY2018, see Exhibit A, the CCU authorized awarding the CM services contract to DCA and CM services was contracted to DCA for a maximum amount of Nine Hundred Fifty-Seven Thousand Six Hundred Seventy-One Dollars and Forty-Five Cents (\$957,671.45) which included Eighty-Seven Thousand Sixty-One Dollars and Four Cents (\$87,061.04) for contingencies; and,

WHEREAS, GWA and USEPA agree that efforts to rehabilitate, repair or replace these sewer lines are necessary and the proceeding order to accomplish such task is through services that include construction management; and

WHEREAS, GWA is preparing to award a contract to the lowest responsive and responsible bidder under the Phase II IFB; and,

WHEREAS, GWA requires CM services for Phase II construction and has negotiated a fair and reasonable fee for such services from DCA under the scope of work advertised under Request for Proposal No. RFP-04-ENG-2017; and,

WHEREAS, GWA management is requesting to amend the DCA contract to provide construction management services for Phase II in the amount of Five Hundred Seventy-One Thousand Five Hundred Fifty (\$571,550.00), see Exhibit B, including a contingency amount of Twenty-Eight Thousand Four Hundred Fifty Dollars (\$28,450.00), for a total amount of Six Hundred Thousand Dollars (\$600,000.00); and,

WHEREAS, funding for this project will be from the USEPA State Revolving Fund and,

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the fee proposal submitted by DCA are fair
- 3. The CCU finds that the terms of the conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
- 4. The CCU hereby authorizes the management of GWA to execute a Change Order to the contract with DCA in the amount of Six Hundred Thousand
- 5. The CCU hereby further approves the total funding for the CM contract with DCA in the amount of One Million Five Hundred Fifty-Seven Thousand Six Hundred and Seventy-One Dollars and Forty-Five Cents (\$1,557,671.45).

RESOLVED, that the Chairman certified, and the Board Secretary attests to the adoption

DULY AND REGULARLY ADOPTED, this 24th day of November 2020.

Attested by:

MICHAEL T. LIMTIACO

Secretary

# 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: 5

NAYS: \$\displayset{\phi}\$

ABSENT: \$\displayset{\phi}\$

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ABSTAIN:



GUAM

CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority P.O. Box 2977 Hagetna, Guam 96932 | [671)649-3002 | guamccu.org

## **RESOLUTION NO. 30-FY2018**

# RELATIVE TO APPROVAL OF A CONSTRUCTION MANAGEMENT CONTRACT FOR THE ASAN-ADELUP-HAGATNA, ROUTE 1 SEWERLINE REHABILITATION AND REPLACEMENT PROJECT S15-002-EPA

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

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

WHEREAS, GWA has received a grant from the United States Environmental Protection Agency ("USEPA") under the State Revolving Fund ("SRF") program to improve the sewer collection system, which included the gravity sewer line along Route 1, from the Asan "War in the Pacific" National Historical Park to the Agana Main Pump Station; and

WHEREAS, the segments of gravity sewer line indicated is deteriorating and has experienced collapses, bellies in the sewer line, offsets, and sections of missing or badly corroded pipe, and the intent of this project is to rehabilitate, repair or replace these sections; and

WHEREAS, GWA procured engineering design services through RFP-02-ENG-2015 that included general civil engineering, geotechnical engineering, and archeological investigation for wastewater collection system evaluation, analysis and detailed design; and

WHEREAS, the professional engineering design services have been completed by HDR Engineering, Inc. through contract, which was signed on December 10, 2015, and all rendered design documents have been accepted by GWA in May 2017; and

WHEREAS, GWA and USEPA agree that efforts to rehabilitate, repair or replace these sewer lines are necessary and the proceeding order to accomplish such task is through services that include construction management; and

WHEREAS, GWA has advertised the Request for Proposal (RFP-04-ENG-2017) dated March 30, 2017, soliciting statement of qualifications from experienced and qualified engineering firms to provide construction management services for the ASAN-ADELUP-HAGATNA, ROUTE 1 SEWERLINE REHABILITATION AND REPLACEMENT PROJECT; and

WHEREAS, RFP packages were downloaded by multiple interested parties, from which GWA received proposal submittal from eight (8) engineering firms before the RFP submittal deadline; and

WHEREAS, the GWA A-E Selection Committee reviewed and evaluated the eight (8) proposals (see EXHIBIT A-Evaluation Score) and generated a short list of the top three (3) firms with a recommendation to award a contract to the firm DUENAS, CAMACHO & ASSOCIATES, INC. ("DCA") and any successor at interest thereto (see EXHIBIT B- GM Determination); and

WHEREAS, GWA advertised the initial Invitation to Bid (IFB-06-ENG-2017) for the construction of this project on May 12, 2017, and received no responsive and responsible bidders; and

WHEREAS, GWA advertised a second time, with the Invitation to Re-Bid (IFB-11-ENG-2017) on October 31, 2017, and again received no responsive and responsible bidders; and

WHEREAS, Following the second attempt, GWA revised the bid documents and Bid Form to include two separate, independent Bid Schedules, Bid Schedule A and Bid Schedule B, with Bid Schedule A being primarily repairs by Cured-In-Place-Pipe installation, and Bid Schedule B being repairs entirely by Open Cut and Replacement; and

WHEREAS, GWA advertised the next Invitation to Re-Bid (IFB-05-ENG-2018) on May 4, 2018, with the two revised Bid Schedules; and

WHEREAS, Bid Schedule A will be opened first, and if bids should be opened and found to be responsive and responsible, the lowest responsive and responsible bid will be selected; and

WHEREAS, if no Contractors submit for Bid Schedule A, Bid Schedule B will then be opened, and the lowest responsive and responsible bid will be selected from Bid Schedule B; and

WHEREAS, DCA and GWA negotiated the price for the construction management services to be provided if either Bid Schedule A or Bid Schedule B is selected; and

WHEREAS, If Bid Schedule A is selected, the construction management services with DCA will be in the amount of Six Hundred Eighty-Three Thousand Nine Hundred Thirty-One Dollars and Thirty-Four Cents (\$683,931.34) on a Time and Materials basis (See EXHIBIT C – Fee Proposal); and

WHEREAS, If Bid Schedule B is selected, the construction management services with DCA will be in the amount of Eight Hundred Seventy Thousand Six Hundred Ten Dollars and Forty-One Cents (\$870,610.41) on a Time and Materials basis (See EXHIBIT C – Fee Proposal); and

WHEREAS, GWA Management seeks approval of the fee proposal for the Scope of Work relative to the construction Bid Schedule B, which includes construction management, inspection, and project coordination services during construction of Eight Hundred Seventy Thousand Six Hundred Ten Dollars and Forty-One Cents (\$870,610.41), plus a ten percent (10%) contingency of Eighty-Seven Thousand Sixty-One Dollars and Four Cents (\$87,061.04), for a total amount of Nine Hundred Fifty-Seven Thousand Six Hundred Seventy-One Dollars and Forty-Five Cents (\$957,671.45); and

WHEREAS, funding for this project will be from the USEPA State Revolving Fund and, if necessary, GWA Bond funds applicable to the project; and

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

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- The CCU finds that the terms of the fee proposal submitted by Duenas, Camacho & Associates, Inc. (DCA) are fair and reasonable.
- The CCU finds that the terms of the conditions set by GWA relative to commencement of work activities are fair and reasonable and serve as a measure of Quality Assurance/Quality Control (QA/QC).
- 4. The CCU hereby authorizes the management of GWA to enter into a contract with DCA in the amount of Eight Hundred Seventy Thousand Six Hundred Ten Dollars and Forty-One Cents (\$870,610.41) (EXHIBIT C).
- 5. The CCU hereby further approves the total funding amount for this project of Eight Hundred Seventy Thousand Six Hundred Ten Dollars and Forty-One Cents (\$870,610.41), plus a ten percent (10%) contingency of Eighty-Seven Thousand Sixty-One Dollars and Four Cents (\$87,061.04), to bring the total authorized funding amount to a maximum of Nine Hundred Fifty-Seven Thousand Six Hundred Seventy-One Dollars and Forty-Five Cents (\$957,671.45).

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

DULY AND REGULARLY ADOPTED, this 22nd day of May 2018.

Certified by:

JOSEPH T. DUENAS

Chairperson

Attested by:

J. GEORGE BAMBA

Secretary

# SECRETARY'S CERTIFICATE

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///

I, J. George Bamba, 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:

present and the members	s who were present vot	ed as follows:
AYES:	4	P.O.
NAYS:	0	a the thirty of
ABSTENTIONS: _	D	
ABSENT:	1	
		San Strake

# Exhibit A (1 of 2)

# **GUAM WATERWORKS AUTHORITY**

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

May 19, 2017

To:

Thomas F. Cruz, P.E., Chief Engineer

From:

Gloria P. Bensar What Selection Board

Subject:

RFP-04-ENG-2017

Construction Management Services for the Asan-Adelup-Hagatna, Route 1

Sewerline Rehabilitation and Replacement

GWA Project No. S15-002-EPA

The following information is intended to document the evaluation process undertaken for the referenced solicitation.

	EVALUATION COMMITTEE MEMBERS
Name	Title
Clinton Huntington II	Senior Engineer
Rylma Carino	Junior Engineer
Anthony Chargualaf	Operations Manager
George Watson	Brown & Caldwell, PMO

	Consultant		Total	Rank			
1.	AmOrient	85	89	81	75	330	4
2.	EMPSCO Engineering Consultants	62	90	86	86	324	5
3.	LYON	80	85	80	70	315	7
4.	E.M. Chen & Associates, Inc.	77	88	81	70	316	6
5.	Duenas, Camacho & Associates	82	92	92	90	356	1
6.	TG Engineers, PC	83	91	90	85	349	2
7.	Coeval Design Partners	70	84	74	66	294	8
8.	AECOM	75	89	86	89	339	3

Scores were evaluated based on sum of the individual scores. The recommendation of the evaluation committee is shown in the ranking above.

Please review and approve at your earliest convenience so that we may proceed with the notification letters.

# Exhibit A (2 of 2)

## **GUAM WATERWORKS AUTHORITY**

"Better Water. Better Lives." Gloria B. Nelson Public Service Building 688 Route 15, Mangilao, Guam 96913

## **MEMORANDUM**

TO:

Thomas F. Cruz, P.E., Chief Engineer

FROM:

Gloria P. Bensan

SUBJECT:

CM Selection

DATE:

May 18, 2017

Per our discussion with the General Manager and Legal Counsel on May 15, 2017, the CM selection team reconvened on May 16, 2017 at 2:30 pm to discuss the merits of evaluation for each proposal submitted for the following projects:

- 1. Asan-Adelup-Hagatna, Route 1 Sewerline Rehabilitation and Replacement
- 2. Route 2 War in the Pacific National Park Sewerline Rehabilitation and Replacement

Each selection committee reviewed the RFP proposals and reevaluated them based on the predetermined set of criteria. Committee members obtained reasonable, rational and consistent basis for their scores in comparison to the evaluation criteria outlined in the solicitation documents and determined the final ranking of proposers as shown in the attached evaluation summary.



# **GUAM WATERWORKS AUTHORITY**

"Better Water. Better Lives." Gloria B. Nelson Public Service Building 688 Route 15, Mangilao, Guam 96913

# **MEMORANDUM**

Miguel C. Bordallo, P.E., General Manager

Thomas F. Cruz, P.E., Chief Engineer

To:

From:

Subject:	RFP-04-ENG-2017
	Construction Management Services for the Asan-Adelup-Hagatna, Route 1 Sewerline Rehabilitation and Replacement GWA Project No. S15-002-EPA
Date:	May 19, 2017
consultant for	Committee has completed all necessary actions for selecting the most qualified the referenced solicitation. All proposals were reviewed and scored according to established in the solicitation. The evaluation summary sheet is attached for your
The committe project:	e recommends the following top three (3) firms in order of preference for the
	enas, Camacho & Associates Engineers, PC COM
Concurred:	
VINCENT E. C Supply Manag	GUERRERO Date  ment Administrator
	GENERAL MANAGER'S DETERMINATION
Consultant Fire	m Selected:
DUENA	s canado o festor.
Remarks:	
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MIGUEL C. BO General Manag	



# Exhibit C (1 of 9)

Website: www.dcaguam.com Email: dca@dcaguam.com

April 23, 2018

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

Attention:

Mr. Thomas F. Cruz, Chief Engineer, GWA / George Watson, Brown & Caldwell

Subject:

GWA RFP-04-ENG--2017, Construction Management Services for Asan-Adelup-Hagatna Route 1 Sewerline Rehabilitation and

Replacement, GWA Project No. S15-002-EPA

Re:

Revised Fee Proposal Related to Bid Schedules A and B

Hafa Adai:

Duenas, Camacho & Associates, Inc. is pleased to submit this *revised* fee proposal for GWA RFP-04-ENG-2017, Construction Management Services for Asan-Adelup-Hagatna Route 1 Sewerline Rehabilitation and Replacement, GWA Project No. S15-002-EPA. The revisions and updates include the following:

- 1. Fee estimates for:
  - a. CM Services under Base Bid Schedule A CIPP Rehabilitation of Existing Sewer Lines
     Revised Fee Estimate: \$683.931.34 including a \$10,000 Time & Material allowance for Material
     Testing
  - b. CM Services under Base Bid Schedule B Cut and Cover Construction of New Sewer Lines

    Fee Estimate: \$654,143.21 including a \$20,000 Time & Material allowance for Material Testing

    Revised estimate for Bid Schedule B attached.
- 2. 2018 (current) DCA Personnel Labor and OH Rates
- 3. A GRT Tax Rate of 5% (recently enacted into law)

Our revised fee estimates for construction management services for each Bid Schedule are supported by the following:

- Detailed Fee Breakdown showing an estimate of effort and expenses
- Exhibit A Estimated expenses for DCA and CH2M submitted earlier (no change)
- Deletion of Secure Safe Solutions for video surveillance (as requested by GWA)

As indicated in our Proposal submitted in response to the subject RFP, DCA will retain CH2M (our CM Team CIPP Specialist) if a Construction Contract is awarded under Base Bid Schedule A – CIPP Rehabilitation of Existing Sewer Lines. Geo-Engineering & Testing Inc. will provide geotechnical consultation and quality assurance material testing services. The cost for video surveillance by Secure Safe Solutions has been removed at GWA's request.

The estimate of CM effort is based on the following assumptions:

- 1. The Scope of CM services and tasks as described in the RFP;
- 2. Base Bid Schedules A and B as described in the amended Bid Form provided to DCA;
- 3. Project construction duration of 450 calendar days;
- Full-time resident inspection and supplementary inspection (25% of resident inspection effort for CM Services under Base Bid Schedule A and 50% of resident inspection effort for CM services under Base Bid Schedule B);

# Exhibit C (2 of 9)

April 23, 2018

- 5. Part-time CM support by our CIPP Specialist from CH2M under Base Bid Schedule A;
- 6. Current (2018) DCA personnel rates (loaded).

We look forward to negotiations.

Sincerely,

//Signed
JOHN P. DUENAS, P.E.
President
Enclosures

# Exhibit C (3 of 9)

# EXHIBIT A - BASE BID SCHEDULE A DCA EXPENSES

	S, CAMACHO & ASSOCIATES, INC ANAGEMENT SERVICES FOR ASAN-ADELUP-HA	GATNA ROUTE 1	SEWERLINE		REHAB	ONSTRUCTIO TION AND
	CM Inspection Related Expenses	Unit	Quan		Rate	Cost
1	Miscellaneous Expenses	LS				\$ 500.0
2	Mileage (Inspection)	mi	3200	\$	0.33	\$ 1,161.6
3	Mileage (miscellaneous)	mi	2800	\$	0.33	\$ 1,016.4
4	Pictures, video, etc.	LS				\$ 250.
5	Reproduction	LS				\$ 3,500.
6	Communications, etc.	LS				\$ 500.
7	Miscellaneous Survey Materials	LS				\$ 250.
		GRT	5.25%			\$ 376.
			DCA EX	PEN:	SES	\$ 7,554.8

# **CH2M EXPENSES**

CITZIVIL	./\\				1.44	W. Company
NAGEMENT SERVICES FOR ASAN-ADELUP-HAGATN						TRUCTION TION AND
REPLACEMENT, GWA P	Unit	Quan	EPA	Rate		Cost
Travel expenses for CH2M CIPPSpec Site Visit		3	\$	3,000.00	\$	9,000.00
Lodging (28 days total)	Days	28	\$	215.00	\$	6,622.0
Meals	Days	28	\$	75.00	\$	2,310.0
Rental Car	Days	28	\$	50.00	\$	1,540.0
Misc. Expenses	Trip	3	\$	100.00	\$	330.0
Subtotal					\$	19,802.0
		CH2M EX	KPEN	NSES	ć	19,802.0
	M NAGEMENT SERVICES FOR ASAN-ADELUP-HAGATN REPLACEMENT, GWA P  Travel expenses for CH2M CIPPSpec Site Visit Lodging (28 days total) Meals Rental Car Misc. Expenses	MAGEMENT SERVICES FOR ASAN-ADELUP-HAGATNA ROUTE 1 S REPLACEMENT, GWA PROJECT NO  Unit  Travel expenses for CH2M CIPPSpec Site Visit  Lodging (28 days total)  Days  Meals  Rental Car  Days  Misc. Expenses  Trip  Subtotal	MAGEMENT SERVICES FOR ASAN-ADELUP-HAGATNA ROUTE 1 SEWERLINE REPLACEMENT, GWA PROJECT NO. S15-002-  Unit Quan  Travel expenses for CH2M CIPPSpec Site Visit 3  Lodging (28 days total) Days 28  Meals Days 28  Rental Car Days 28  Misc. Expenses Trip 3	MAGEMENT SERVICES FOR ASAN-ADELUP-HAGATNA ROUTE 1 SEWERLINE REPLACEMENT, GWA PROJECT NO. S15-002-EPA  Unit Quan  Travel expenses for CH2M CIPPSpec Site Visit 3 \$ Lodging (28 days total) Days 28 \$ Meals Days 28 \$ Rental Car Days 28 \$ Misc. Expenses Trip 3 \$ Subtotal	Magement Services For Asan-Adelup-Hagatna Route 1 Sewerline   Rehab   Replacement, Gwa Project No. S15-002-EPA   Unit   Quan   Rate	NAGEMENT SERVICES FOR ASAN-ADELUP-HAGATNA ROUTE 1 SEWERLINE REPLACEMENT, GWA PROJECT NO. \$15-002-EPA

# Exhibit C (4 of 9)

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# Exhibit C (5 of 9)

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# Exhibit C (6 of 9)

April 23, 2018

Website: www.dcaguam.com

Email: dca@dcaguam.com

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

Attention: Mr. Thomas F. Cruz, Chief Engineer, GWA / George Watson, Brown & Caldwell

Subject: GWA RFP-04-ENG--2017, Construction Management Services for

Asan-Adelup-Hagatna Route 1 Sewerline Rehabilitation and

Replacement, GWA Project No. S15-002-EPA

Re: Revised Fee Proposal Related to Bid Schedule B

Hafa Adai:

Duenas, Camacho & Associates, Inc. is pleased to submit this *revised* fee proposal for GWA RFP-04-ENG-2017, Construction Management Services for Asan-Adelup-Hagatna Route 1 Sewerline Rehabilitation and Replacement, GWA Project No. S15-002-EPA. The revisions address the following changes:

- Fee estimate for CM Services under Base Bid Schedule B Cut and Cover Construction of New Sewer Lines based on the projected Construction Contract Completion Period from 450 to 650 calendar days.
   Fee Estimate: \$870,610.41 including a \$20,000 Time & Material allowance for Material Testing
- 2018 (current) DCA Personnel Labor and OH Rates
- A GRT Tax Rate of 5% (recently enacted into law)

Our revised fee estimate for construction management services for Base Bid Schedule B is supported by the attached detailed fee breakdown showing an estimate of effort and expenses for a construction period of 650 calendar days and the *deletion* of Secure Safe Solutions for video surveillance (as requested by GWA). Geo-Engineering & Testing Inc. will provide geotechnical consultation and quality assurance material testing services.

The estimate of CM effort is based on the following assumptions for Base Bid Schedule B:

- 1. The Scope of CM services and tasks as described in the RFP;
- 2. Base Bid Schedule B as described in the amended Bid Form provided to DCA;
- 3. Revised projected construction duration of from 450 to 650 calendar days;
- 4. Full-time resident inspection and supplementary inspection of 50% of the resident inspection effort;
- 5. Current (2018) DCA personnel rates (loaded).

We look forward to negotiations.

Sincerely,

//Signed JOHN P. DUENAS, P.E. President

Enclosures

# Exhibit C(7 of 9)

# **EXHIBIT A - BASE BID SCHEDULE B**

# **DCA EXPENSES**

-						
	CM Inspection Related Expenses	Unit	Quan	Rate		Cost
1	Miscellaneous Expenses	LS				\$ 500.0
2	Mileage (Inspection)	mi	4650	\$	0.33	\$ 1,687.9
3	Mileage (miscellaneous)	mi	3150	\$ (	0.33	\$ 1,143.4
4	Pictures, video, etc.	LS				\$ 250.0
5	Reproduction	LS				\$ 3,500.0
6	Communications, etc.	LS				\$ 500.0
7	Miscellaneous Survey Materials	LS				\$ 500.0
		GRT	5.25%			\$ 424.2

# **CH2M EXPENSES**

		Unit	Quan	Rate	Cost
1	Travel expenses for CH2M CIPPSpec Site Visit		0	\$ 3,000.00	\$
2	Lodging (28 days total)	Days	0	\$ 215.00	\$
3	Meals	Days	0	\$ 75.00	\$
4	Rental Car	Days	0	\$ 50.00	\$
5	Misc. Expenses	Trip	0	\$ 100.00	\$
	Subtotal				\$

Exhibit C (8 of 9)

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# **EXHIBIT B**



Website: www.dcaguam.com Email: dca@dcaguam.com

November 6, 2020

Miguel C. Bordallo, P.E. General Manager, Guam Waterworks Authority Gloria B. Nelson Public Service Building 688 Route 15 Mangilao, Guam, 96913

Attn:

John Riegel P.E., Brown & Caldwell Project Manager

Subject:

RFP 04-ENG-2017, GWA S15-002-EPA, Asan-Adelup-Hagatna - Route 1 Sewer

Rehabilitation and Replacement

Ref:

Change Order for Construction Management Services for the Asan-Adelup-

Hagatna - Route 1 Sewer Rehabilitation and Replacement - Phase II

Hafa Adai Mr. Riegel,

At the request of GWA, Duenas, Camacho and Associates (DCA) is submitting this change order proposal for the referenced services. This change order is intended to provide services for Phase II of the subject project in accordance with DCA's construction management services contract with GWA dated July 31, 2018. The construction duration used for this proposal is 425 calendar days. The fee for this change order proposal is: \$571,550.

Sincerely,

Kenneth M. Rekdahl, P.E.

Vice-President

Dueñas, Camacho & Associates, Inc.

Att:

Fee Breakdown

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# Duenas, Camacho and Assocait

# Option 1

Year 1 ACV: 4.2 million

Name	Price
Project Management Pro	\$7,925
Quality & Safety	\$2,510
Total	\$10,435

Total Price: \$10,435

# Option 2

Year 1 ACV: 4.2 million

Name	Price
Project Management Pro	\$6,700
Quality & Safety	\$2,250
Total	\$8,950

Total Price: \$8,950

# **Procore Products**

Connect the entire business process from bidding to closeout with every member of your team working together in the same system.

### TOOLS INCLUDED WITH ALL PRODUCTS\*

Everyone's digits, under the control of yours.

Track and manage every coordinationrelated step in your process.

### DOCUMENTS

When documents go digital, nothing gets lost.

### REPORTS

Insights to help you analyze every detail.

### APP MARKETPLACE

With over 150 partner solutions in our App Marketplace, connect with what works best for you-even if we don't build it.

\* Excluding Invoice Management, Design Coordination and BIM,

### --- PROJECT MANAGEMENT



## Project Management Pro

### RFIs

RFI software to remind, record, and remove excuses.

### DAILY LOG

Capture everything you need to report to the office.

Revisions won't need markers, scissors, sticky notes, or tape.

Fast time tracking for the project management team.

## SUBMITTALS

Don't let inaccuracy sink your projects.

### MEETINGS

Manage all aspects of your project meetings.

### **PUNCH LIST**

Streamline construction with punch list software.

### PHOTOS

Capture your questions, skills, and results in a snap.

### SPECIFICATIONS

Intelligent Spec Management—save time while doing more.

### SCHEDULE

Minimize confusion with integrated scheduling.

Open your inbox to everything you need to know.

## TRANSMITTALS

Don't lose sleep over your important documents.

\*Project Management Starter is also available - includes RFIs, Daily Log, Drawings, Punch List, Photos and Specifications.



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### - PROJECT MANAGEMENT



# Quality & Safety

### INSPECTIONS

Proactively identify hazards before they injure more than your reputation.

### **OBSERVATIONS**

Track, assign, and report upon multiple types of observations and corrective actions on the fly.

### INCIDENTS

Digitally capture and manage incidents easily and accurately.

## Design Coordination

### **COORDINATION ISSUES**

Identify and resolve constructability issues prior to construction.

### DAILY LOG

Capture everything you need to report to the office.

### **FORMS**

Simple to complex fillable PDF forms at your fingertips.

### SCHEDULE

Minimize confusion with integrated scheduling.

### **PHOTOS**

Capture your questions, skills, and results in a snap.

# **BIM**

### MODELS

Extremely performant BIM viewer.

### --- FINANCIAL MANAGEMENT\* -



# Project Financials

## COMMITMENTS

Real-time statuses and values of all contracts and purchase orders.

### CHANGE EVENTS

The new standard in construction for managing potential costs as they occur.

Avoid profit erosion with accurate, configurable budgets.

# CHANGE ORDERS

Reduce unrecoverable change orders with quicker approvals.

## PRIME CONTRACT

Replace stacks of paper and printing costs with digital contract management.

## COST MANAGEMENT

Avoid the price of being over budget with cost management.

# Invoice Management

## OWNER INVOICING

Prefill owner invoices with approved subcontractor invoices.

\*Accounting Integrations available - additional fees apply.

### SUBCONTRACTOR INVOICING

Empower the trades to be proactive about monthly invoices.



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### PRECONSTRUCTION



# Prequalification

## PREQUALIFICATIONS

Manage the entire qualification process from forms to approvals.

## PREQUALIFICATION PORTAL

Complete and submit qualification forms on a secure online platform.

# Bid Management

## BIDDING

Manage the entire bidding process from bid package creation to bid award.

### PLANROOM

Access bid package details, files, and communications in order to submit a bid.

## RESOURCE MANAGEMENT



# Field Productivity

## TIMESHEETS

Track employee and crew time for all projects on mobile or web.

### **T&M TICKETS**

Document and track out-of-scope work to get paid for everything you do.

### CREWS

Add, group, and edit crews—with one mobile, flexible tool.

### TIMECARD

Fast time tracking for the project management team.

## PRODUCTION TRACKING

Compare budgeted versus actual quantities to see percentage complete against each cost code.

## PLATFORM



# PROCORE ANALYTICS

Leverage Analytics to turn project data into business insight.

### DATA EXTRACT

Extract and combine data from Procore and across your tech stack.



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