



GUAM WATERWORKS AUTHORITY

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

P.O. Box 3010, Hagåtña, Guam 96932

Tel. No. (671) 300-6846/48 Fax No. (671) 648-3290

Invitation for Bid: IFB-06-ENG-2026

Project: Hagåtña Wastewater Treatment Plant Rehabilitation
GWA Project No. 22004

Addendum No.: **03**

Date: August 11, 2026

All Potential Bidders:

This addendum is issued to modify the previously issued bid documents and/or given for informational purposes and is hereby made a part of the bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of their proposal.

1. **Section 00100—Invitation for Bid** and other sections of the bid documents where applicable, which states:

"Bids must be received by GWA no later than 08/18/26 10:00 AM Chamorro Standard Time."

Has now been changed to read:

"Bids must be received by GWA no later than 08/24/26 10:00 AM Chamorro Standard Time."

2. The following **011000—Summary** located in the Project Specifications supersedes the previously issued Section 011000—Summary.
3. The following **Section 115119—Valve Actuators** located in the Project Specifications supersedes the previously issued Section 115119—Valve Actuators.
4. The following **Section 022100—Digester Sludge Removal and Disposal** located in the Procurement Report Addendum A supersedes the previously issued Section 022100—Digester Sludge Removal and Disposal.
5. The following **Section 00410—Bid Form** supersedes the previously issued Bid Form. It has been updated to reflect scope updates.
6. The following **Section 00430—Bid Bond** supersedes the previously issued Bid Bond. It has been updated to reflect corrected bid due date.

Bidders are also notified to visit the GWA website: <http://guamwaterworks.org/bids/> to ensure that all addenda to the IFB, answers to questions, and reminders communicated are received by all proposers throughout the solicitation process.



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



SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Contract description.
2. Work by Owner or other Work at the Site.
3. Contractor's use of Site.
4. Work sequence.
5. Owner occupancy.
6. Permits.

1.2 CONTRACT DESCRIPTION

- A. This work includes the removal of equipment the procurement, installation and start up of replacement equipment at the Hagatña WWTP. Removal of sludge and coating works are also part of this work
- B. Perform Work of Contract under fixed cost Contract with Guam Waterworks Authority (GWA) according to Conditions of Contract.
- C. Work of each separate Contract is identified in the following and on Drawings.
 1. Project Front-end documents
 2. Project Specifications

1.3 WORK BY OWNER OR OTHERS

- A. If Owner-awarded contracts interfere with each other due to work being performed at the same time or at the same Site, Owner will determine the sequence of work under all contracts according to "Work Sequence" and "Contractor's Use of Site and Premises" Articles in this Section.
- B. Coordinate Work with utilities of Owner and public or private agencies.
- C. Work under this Contract will include:
 1. Work as indicated on Drawings and specifications.

1.4 CONTRACTOR'S USE OF SITE AND PREMISES

- A. Limit use of Site to allow:
 1. Work by Owner.
 2. Ongoing operations of the Northern District Wastewater Treatment Plant

B. Utility Outages and Shutdown:

1. Coordinate and schedule electrical and other utility outages with Owner.
2. Outages: Allowed only at previously agreed upon times. Only include first Paragraph below if required by Owner. Base sound level limit on local restrictions or codes.

C. Sound Level Restrictions: Sound pressure level measured at boundary of Site shall not exceed 40 dBA.

D. Construction Plan: Before start of construction, submit three copies of construction plan regarding access to Work, use of Site, and utility outages for acceptance by Owner. After acceptance of plan, construction operations shall comply with accepted plan unless deviations are accepted by Owner in writing.

1.5 WORK SEQUENCE AND BYPASS

A. Existing Operating Conditions:

1. The site is an existing chemically enhanced primary treatment plant with an average and peak flow of 4MGD and 12MGD respectively with active:
 - a. Headworks
 - b. Flocculation Tank
 - c. Clarifiers
 - d. Effluent pump system
 - e. Chemical feed systems
 - f. Aerobic Digesters
 - g. Dewatering Systems
 - h. Administrative works

B. Bypass:

1. Bypass of the following systems can be achieved by plant personnel through existing channels and isolation systems as follows:
 - a. Headworks – Redirection to bypass channel for up to 1 month and pending weather conditions
 - b. Flocculation Tank - Redirection to bypass channel for up to 1 month and pending weather conditions
 - c. Clarifiers – Complete isolation of one of three tanks for up to 1 month
 - d. Effluent pump system – Limited use may assume one month of bypass
 - e. Chemical feed systems – Redundant chemical feed system available. Note that one chemical and polymer system must be available at all times
 - f. Aerobic Digesters – one of three tanks may be isolated for up to 2 months
 - g. Dewatering Systems – Not in scope
 - h. Administrative works – Power and water may be shut down for a limited time (2 hours) pending operations schedule

C. Valves:

1. Replacement of valves will require the shut done of the adjacent tank or system. In some cases, contractor will have to sequence this with digester, flocculation or clarifier tank shutdown

D. Sequencing:

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1. Contractor shall be responsible for sequencing of works to minimize site and process impacts.
2. It is likely that a second construction contractor will be onsite to work on controls and SCADA systems. Contractor shall plan for coordination (led by others) between works.

1.6 OWNER USE

- A. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- B. Schedule the Work to accommodate Owner occupancy.

1.7 PERMITS

- A. Furnish necessary permits for construction of Work including the following:
 1. Building permit.

PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION 011000

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SECTION 115119 - ELECTRIC MOTOR ACTUATORS FOR VALVES, ROTATING SCUM DEVICES AND SLIDE GATES

PART 1 - GENERAL

A. Description

This section includes materials and installation of electric motor actuators for valves, rotating scum devices and slide gates.

B. Submittals

1. Submit shop drawings in accordance with the General Provisions and Section 13300.
2. Submit manufacturer's catalog data showing motor actuator parts and materials of construction, referenced by AISI, ASTM, SAE, or CDA specification and grade. Show motor actuator dimensions and weights. Show coatings.
3. Show the maximum torque required to open and close each motor-actuated valve or slide gate.
4. Submit certified factory performance test records.
5. Submit motor data including nameplate data, insulation type, duty rating, and torque output at duty rating.
6. Submit electrical schematic drawings and wiring diagrams showing physical locations of components.

PART 2 - MATERIALS

A. Actuator Designations and Designs

Actuator designations consist of a type number (1, 2, or 3) and one or more suffix letters. The number and the letters are intended to be compatible and the actuator shall meet the requirements of all.

Suffix	Description
None (basic design)	15-minute duty cycle (Type 1 actuators).
A	30-minute duty cycle.
B	NEMA 4X enclosure (motor, controls, push buttons).
C	NEMA 6 enclosure (motor, controls, push buttons). Design for 24 hours' continuous submergence at a depth of 20 feet.
D	NEMA 7 enclosure (motor, controls, push buttons).

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E	NEMA 7, Class I, Division 1, Groups C and D enclosure (motor, controls, push buttons).
F	NEMA 9, Class II, Division 1, Groups E, F, and G enclosure (motor, controls, push buttons).
J	Class 1 throttling/modulating service per AWWA C540.
K	Class 2 throttling/modulating service per AWWA C540.
L	Class 3 throttling/modulating service per AWWA C540.
M	Class 4 throttling/modulating service per AWWA C540.
N	Modulating service; size motors for continuous duty; feedback potentiometer and integral electronic positioner/comparator circuit to maintain valve position; 4- to 20-mA d-c input signal to control valve in remote or auto position; auxiliary contact which closes when the local-off-remote switch is in the remote or auto position; valve position transmitter that generates 4- to 20-mA d-c signal proportional to valve position and is capable of driving into loads up to 1,000 ohms at 24-volt d-c; valve closes upon loss of control signal.
O	Valve closes upon loss of control signal.
P	Valve incorporates a spring return to close upon loss of power.
Q	240-volt, 60-hertz, 3-phase, a-c power supply.
R	120-volt, 60-hertz, single-phase, a-c power supply.
S	220-volt, 60-hertz, single-phase, a-c power supply.
U	Slide wire (potentiometer) position transmitter.
V	Position transmitter with 4- to 20-mA output signal.

Thus, an actuator designated as “Type 1ADL” would be a Type 1 motorized actuator and have all the requirements described and specified for those suffix letters.

B. Actuator Torque Requirements

1. The rated output torque of the motor actuator shall be at least 1.5 times the maximum torque required to open or close the valve or slide gate at any position including seating and unseating conditions when subjected to the most severe operating condition including any mechanical friction and/or other restrictive conditions that are inherent in the valve or slide gate assembly. Do not include hammer-blow effect in sizing the actuator to comply with this torque requirement. Coordinate with the valve or slide gate manufacturer to assure that the motor actuator stall torque output does not exceed the torque limits of the valve or slide gate operating stem or shaft.
2. Maximum torque shall include seating or unseating torque, bearing torque, dynamic torque, and hydrostatic torque. Assume that the differential pressure across the valve or slide gate is equal to the pressure or head rating of the valve or slide gate.

3. Assume a maximum pipeline fluid velocity of 10 fps with the valve fully open, unless a higher velocity is specified in the detailed valve specification.

C. Design of Type 1 Electric Motor Actuators

1. Actuators shall comply with AWWA C540, except as modified herein. Output capacity of motors shall be sufficient to open or close the valve against the maximum differential pressure when the voltage is 10% above or below normal at the specified service conditions. Motors shall have Class F or H insulation system. Provide motor with torque output (at duty rating) that exceeds the requirements of the following paragraphs including safety factor.
2. Design the actuator to move valves from fully closed to fully open in 90 seconds.
3. Design actuators mounted on slide gates to move the gates from fully open to fully closed in three minutes or less.
4. Provide a reversing starter, three overloads (one in each ungrounded leg) or two motor thermal cutouts, 120-volt control power transformer, local-off-remote selector switch, stop-open-close push buttons, and open and closed indicator lights. Provide magnetic starters in actuators for open/close operation and solid-state starters in actuators for modulating operation. Provide dry contact for remote indication of the actuator mode of operation. The contact shall be closed when the local-off-remote selector switch is in the remote position and the internal control power exists.
5. Provide a separate (remote) enclosure with local/remote selector switch, stop-open-close push buttons, and open and closed indicator lights for motor actuators over 6 feet 6 inches above floor or deck in lieu of integral controls.
6. Do not use external conduit for wiring any components within the actuator.
7. Gear actuators shall be totally enclosed and factory-grease packed or oil lubricated. The power gearing shall consist of helical gears of heat-treated steel. Worm gears shall be alloy bronze accurately cut with a hobbing machine. Worm shall be hardened steel alloy. Design gears for 24-hour continuous service with an AGMA rating of 1.50.
8. Position switches shall be integrally geared to the actuator and shall be adjustable and capable of actuation at any point between fully opened and fully closed positions. The position switches shall operate while the actuator is either in manual or in motor operation. Provide motor actuators with position switches capable of being separately used to provide remote indication of end of travel in each direction and to stop motion at the end of travel in each direction.
9. Provide two individually adjustable torque switches to protect the valve or slide gate and motor against overload in the opening and closing directions. To prevent hammering, the torque switch shall not reclose until the valve or slide gate is made to travel in the opposite direction.
10. Provide a manually operated handwheel that shall not rotate during electrical operation. In the event electrical power is interrupted, handwheel operation shall be activated by a hand lever attached to the mechanism. While the valve or slide gate is being operated

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manually, the motor shall not rotate. Upon restoration of electrical power, the handwheel shall automatically disengage. Design the handwheel diameter such that hand operation will not damage the valve or slide gate.

11. The position switch and torque switch contacts shall be capable of interrupting at least 0.2-ampere inductive load at 125-volt d-c or 6-ampere inductive load at 120-volt a-c.
12. Provide a lost motion device for open/close operation to permit the motor to reach full speed before the load is applied. Provide lost motion action for manual operation also. Do not provide lost motion device for modulating applications.
13. Provide minimum 10-watt space heater mounted in the actuator housing to prevent condensation and maintain the temperature in the actuator housing 5 degrees above the ambient temperature in the structure. Heater shall be on at all times.
14. Motor shall de-energize in the event of a stall when attempting to unseat a jammed valve.
15. Provide a time delay to prevent instant reversal of the actuator motor.
16. Provide terminal connections for external remote controls fed from an internal 24-volt or 120-volt supply.
17. Provide two separate 1/2-inch conduit connections for control and power wiring.
18. Electric motor actuators shall be Limitorque Model SMB or L120, EIM, Rotork "Syncropak" or "IQ," AUMA Series SA, or equal. Type 1 actuators on the project shall be of one manufacturer.

D. Operating Stands

1. Operating Stands (where shown on the Drawings): Mount electric operator drive unit on a heavy pattern operating stand designed to transfer the thrust to the concrete floor. Anchor Bolts and Nuts: ASTM A276, Type 316 stainless steel

E. Factory Performance Testing of Motor Actuator

Test each actuator prior to shipment in accordance with AWWA C540, Section 5.3. The application torque shall be the maximum torque required to open or close the valve, scum device or slide gate at any position including seating and unseating conditions.

PART 3 - EXECUTION

A. Storage and Temporary Installation Before Start-Up

If actuators are stored or installed outside or in areas subject to temperatures below 40°F or are exposed to the weather prior to permanent installation, provide the manufacturer's recommended procedures for extended storage. Provide temporary covers over the actuator electrical components. Provide temporary conduits, wiring, and electrical supply to space

heaters. Exercise each actuator from its fully open to fully closed position at least once every seven days. Inspect electrical contacts before start-up.

B. Attaching Electric Actuators

The valve or slide gate manufacturer shall mount the electric motor actuator and accessories on each valve or slide gate and stroke the valve or slide gate prior to shipment. Adjust limit switch positions and torque switches. Existing valves, scum devices and slide gates and stems shall be modified as required to accommodate the new actuators and support stands. The actuators attached to existing valves, scum devices and gates shall be attached adjusted per Field Installation below.

C. Painting and Coating

Apply the specified prime, intermediate and finish coats at the place of manufacture. Color of finish coat shall match the color of the valve or slide gate to which the actuator is attached. If the actuator is attached to a submerged valve or to an uncoated valve or slide gate, color of finish coat shall match the color shown in the Piping Schedule in the drawings for the particular piping service.

D. Service Conditions

Effluent Box No.1 Slide Gate: 1ABV

Rotating Scum Removal Devices 1-7: 1ABNV

E. Field Installation

Install the valve and actuator as indicated in the drawings in accordance with the manufacturer's instructions. Keep units dry, closed, and sealed to prevent internal moisture damage during construction. Provide additional hangers and supports for actuators which are not mounted vertically over the valve or which may impose an eccentric load on the piping system. The actuator manufacturer shall be on site to supervise the Contractor's installation and adjust the limit and torque switches.

F. Field Testing of Motor Actuators

1. Test motor actuators as installed by measuring the current drawn (in amperes) by each motor for unseating, seating, and running conditions. The measured current shall not exceed the current measurement recorded during the factory performance test.
2. If the measured current drawn exceeds the above value, provide a larger motor or gear drive or adjust the actuator so that the measured amperage does not exceed the value.
3. Assure that limit switches are placed at their correct settings. Open and close valves and slide gates twice and assure that limit switches function.

END OF SECTION

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SECTION 022100 – DIGESTER SLUDGE REMOVAL AND DISPOSAL

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Digester cleaning consists of removing all liquid, grit, scum, rags, sludge, and foreign material from ~~two anaerobic~~ digesters and **flocculation tank** and transporting of the removed materials onsite to the sludge drying beds or the temporary sludge holding area, as appropriate. A site plan indicating the location of these disposal areas is provided in the plan.
- B. ~~Primary and secondary~~ Digesters and **flocculation tank** are 34ft by 34ft feet in ~~diameter~~ and 20 feet deep **each**. ~~with a coned bottom and metal floating roof~~. Each digester has an approximate full capacity of 200,000 gallons.
- C. The estimated volume of **each** ~~material within each tank~~ is 200,000 gallons. Total estimated volume of material is **800,000** gallons
- D. The dewatered grit, scum, rags, sludge, and foreign material shall be disposed of at the Guam DPW Landfill (Layon) or at a permitted location approved by the OWNER.
- E. The CONTRACTOR shall assume that the material within the ~~two anaerobic~~ digesters is hardened and will require additional effort by the CONTRACTOR to properly remove this hardened material.
- F. The CONTRACTOR work area will consist of active wastewater processes and materials.
- G. **The CONTRACTOR may assume that each of the four tank levels can be lowered to 1/3 the operating level. This is estimated to be 60,000 gallons of grit and sludge per tank. Removal of this material will require a pumper truck and high-pressure water hose to disturb and break up the accumulated sludge. Water use shall be metered but will not be charged to the contractor. Quantity of sludge remove will be based on the digester level and not the total volume of sludge and water combined.**
- H. **Collected sludge may be dewatered at one of the drying beds located at GWA's Northern District Wastewater Treatment plant (NDWWTP).**
- I. **Contractor shall remove dewatered sludge (60,000gallons each tank) from the drying bed at the NDWWTP to the Layon Landfill.**

1.2 RELATED WORK

- A. Division 1, GENERAL REQUIREMENTS:
 - 1. Section 013000, SUBMITTALS.
 - 2. Section 013216, PROGRESS SCHEDULE.
 - 3. Section 015000, TEMPORARY FACILITIES AND CONTROLS

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1.3 MEASUREMENT AND PAYMENT

- A. Any part or item of the Work required for this Project which is reasonably implied or normally required to make each cleaning satisfactorily complete, shall be performed by the CONTRACTOR, and the expense thereof shall be included in the applicable lump sum price bid for the Work. It is the intent of these Specifications that operable systems, sub-systems, and other items of work that are incidental to meeting intent of these Specifications shall be considered as having been included in the applicable lump sum bid for the Work even though these appurtenances and items may not be specifically called for in the Contract Documents.
- B. The CONTRACTOR shall perform all sampling and analyses required for measurement of the sludge quantity applied to the drying beds, geotube bags or the temporary sludge holding area and disposal at the landfill.
- C. Sludge sampling and testing to determine if the dewatered grit, scum, rags, sludge, and foreign material can be disposed of at the landfill will be done by the CONTRACTOR and will follow established laboratory procedures as specified in EPA Method 9095B "Paint Filter Test." The CONTRACTOR shall run this test once in the morning and once in the afternoon during each day of sludge removal. Samples shall be representative of the dewatered grit, scum, rags, sludge, and foreign material to be disposed of on that day.
- D. The volume of sludge disposed will be recorded on a per truckload basis by the CONTRACTOR. The CONTRACTOR shall maintain a log book in which the number of loads each vehicle removes each day is recorded. CONTRACTOR shall furnish OWNER with dimensions of each vehicle used to haul sludge. The OWNER or OWNER's Representative may conduct a visual inspection of each truck as it is loaded. Any other means of determining the volume of residuals applied to the disposal fields may be proposed by the CONTRACTOR and requires approval by the OWNER.

1.4 PROTECTION OF THE ENVIRONMENT

- A. The CONTRACTOR's operations shall in no way contribute to air, water, or land pollution, including such nuisances as odors, insects, noise, surface or groundwater contamination, or any other condition that would have a detrimental effect on the environment and shall meet all local, state, and federal regulations for handling and disposal/beneficial reuse of the sludge.
- B. Hauling operations shall be limited to Monday through Friday, 7:00 a.m. to 5:00 p.m., local time, unless notified otherwise by the OWNER. The CONTRACTOR shall not work during holidays or weekends, unless notified otherwise by the OWNER.
- C. The CONTRACTOR shall be responsible and take necessary precautions to prevent nuisance odors from leaving the plant site during sludge removal operations.

1.5 SUBMITTALS

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- A. Submittals shall be made in accordance with Section 013000, SUBMITTALS, in Division 1, GENERAL REQUIREMENTS.
- B. Quality Assurance Submittals:
 - 1. Sludge Disposal Plan that Includes, but is not limited to, the Following:
 - a. Removal methods.
 - b. Test methods.
 - c. Transportation methods.
 - 1) Name of hauling contractor.
 - 2) Copy of license for hauling contractor for proof of acceptability.
 - d. Temporary sludge holding and processing/dewatering area and equipment
 - e. Disposal methods.
 - f. Equipment requirements, including type of pumps to withdraw material from the tanks and type of dewatering beyond the existing drying beds, if necessary.
 - g. Accidental spill cleanup plan.
 - h. Wet weather operations.
 - i. Odor control.
- C. Disposal Records: Copies of all disposal records shall be submitted to the OWNER and shall include, but not be limited to, the following information on a daily basis:
 - 1. Date of disposal.
 - 2. Sludge volume.
 - 3. Paint filter test results
 - 4. Method of disposal.
 - 5. Name of disposal site and location.
 - 6. Driver's signature.
 - 7. Signature of CONTRACTOR or CONTRACTOR's Representative designated at the Preconstruction Conference.

PART 2 PRODUCTS

2.1 GENERAL

- A. Use equipment and material necessary to properly complete digester cleaning, thicken the appropriate materials, and transport and disposal of removed materials.
- B. Primary process for temporary sludge holding and processing equipment may include but is not limited to:
 - 1. Dewatering Boxes
 - 2. Geo tubes
 - 3. Portable belt filter press
- C. The use of the sludge drying bed is to be considered secondary to the contractors selected primary sludge handling process

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- D. Under no condition may the CONTRACTORS use the GWA onsite centrifuges or any other GWA equipment for the CONTRACTOR'S dewatering process.

PART 3 EXECUTION

3.1 GENERAL

- A. The CONTRACTOR shall comply with all applicable laws, codes, ordinances, and regulations.
- B. The CONTRACTOR shall furnish all labor, materials, equipment, tools, and incidentals necessary to remove all liquid, grit, scum, rags, sludge, and foreign material from the interior of the digesters, and transport and dispose of removed material. The CONTRACTOR shall obtain and pay for necessary permits, fees, inspections, testing, etc.
- C. Provide all items necessary for workers to perform any work inside the tanks in a safe manner. These items must comply with all federal, state, and local requirements for working in a confined space. Items required may include, but are not limited to, rubber gloves, boots, eye protection, self-contained breathing apparatus, lighting, ventilation, low oxygen warning devices, etc. In the area of the digesters, due to the potential for explosion, the CONTRACTOR shall post and rigidly enforce "No Smoking" within the limits of this Project and shall conduct his operations to prevent explosion.
- D. The contractor shall be aware and accommodate the ongoing process treatment operated by GWA or their assigns.
- E. Removal of the liquid, sludge, grit, screenings, and debris may be done through the roof or existing access way of the anaerobic digesters. The CONTRACTOR may NOT place any new access-ways within the anaerobic digesters.

3.2 CLEANING

- A. Material inside the digesters consists of liquid, sludge, grit, screenings, and debris. Contents may be dewatered using dewatering boxes, Geo tube(s) a belt filter press or pumper truck provided by CONTRACTOR. The dewatered cake shall be disposed of at Guam Landfill located in Layon Guam.
- B. Filtrate from the dewatered grit, scum, rags, sludge, and foreign material shall be directed to the headworks for treatment. The CONTRACTORS use of water and other utilities is covered on specification 015000 Temporary Facilities and Controls. Water used for the sludge dewatering and disposal process may be disposed of within the drying beds or onsite pump station. Under no condition may the CONTRACTOR allow any spillage of spent water onto the ground of the site.
- C. Piping to the drain shall be provided by the CONTRACTOR. This temporary piping shall be laid in such a manner that is does not impact ongoing treatment plant operations.

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- D. After removal of materials from each digester, the CONTRACTOR shall pressure wash the interior of each digester to the satisfaction of the OWNER.

3.3 TRANSPORT AND DISPOSAL OF MATERIALS

- A. The CONTRACTOR must be licensed to transport the material removed from the digesters to the disposal site or employ the services of a professional hauler that has the necessary licenses and permits.
- B. The CONTRACTOR shall take precautions to prevent spillage from the hauling vehicle. The CONTRACTOR shall be responsible for any spills that occur as a result of his sludge hauling operations. Spilled sludge shall be removed immediately and cleanup work completed the same day that the spill occurs. Cleanup of spilled sludge left unresolved for more than 24 hours may be performed or contracted by the OWNER on an emergency basis and the cost will be withheld from the CONTRACTOR's payment. This in no way will relieve the CONTRACTOR of responsibility for the spill or subsequent results of the spill.
- C. If odor becomes a problem, disposal of sludge on the fields will be stopped until corrective action is taken satisfactory to OWNER.

END OF SECTION 022100

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BID FORM

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BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

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

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER’S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date	Response to RFI No.	Response to RFI Date

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder’s judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided;

information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s): **See attached Attachment 1 – Unit Price Bid Form**

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, to be determined and as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

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

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

ARTICLE 7 - ATTACHMENTS TO THIS BID

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

- A. Required Bid security in the form of _____.
- B. List of Proposed Major Suppliers;
- C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

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

A Partnership

Partnership Name: _____ (SEAL)

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

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service, other): _____

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

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

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

Name (typed or printed): _____

Title: _____

Business address: _____

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

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

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

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

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

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

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

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

Attachment 1 – Base Bid Form

Hagåtña Wastewater Treatment Plant Rehabilitation

GWA Project No. 22004

Base Bid - Description of Work:

The base bid items consist of but not specifically limited to mobilization/demobilization and repair of existing sewer infrastructure.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Qty	Unit	Unit Price	Bid Amount
1.0 General Works					
1.1	<u>Mobilization/Demobilization</u> Contractors' mobilization and demobilization cost	1	LS	\$ _____	\$ _____
1.2	<u>Insurance, Bonds, and Permits</u> Contractors' Permits, insurance and Bonds	1	LS	\$ _____	\$ _____
1.3	<u>Project Field Office</u> Contractors' Field office	1	LS	\$ _____	\$ _____
2.0 Site Works					
2.1	<u>Backflow Preventor and Water Meter</u> Complete Removal and disposal of existing backflow preventor and meter. Supply, installation, and commissioning of new unit.	1	LS	\$ _____	\$ _____
3.0 Headworks					
3.1	<u>Step Screen</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
3.2	<u>Screening Bin</u> Supply of new bins	2	EA	\$ _____	\$ _____
4.0 Flocculation Basin					
4.1	<u>Flocculation Mixer 1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____

4.2	<u>Flocculation Mixer 2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
4.3	<u>Flocculation Mixer 3</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
4.4	<u>Flocculation Mixer 4</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.0 Clarifiers					
5.1	Recoat Sluice Gates	8	EA	\$ _____	\$ _____
5.2	<u>Cross Collector-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.3	<u>Longitudinal Sludge Collector 1A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.4	<u>Longitudinal Sludge Collector 1B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.5	<u>Scum Actuator 1A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____

5.6	<u>Scum Actuator 1B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.7	<u>Cross Collector-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.8	<u>Longitudinal Sludge Collector 2A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.9	<u>Longitudinal Sludge Collector 2B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.10	<u>Scum Actuator 2A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.11	<u>Scum Actuator 2B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.12	<u>Cross Collector-3</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.13	<u>Longitudinal Sludge Collector 3A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____

5.14	<u>Longitudinal Sludge Collector 3B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.15	<u>Scum Actuator 3A</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.16	<u>Scum Actuator 3B</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.17	<u>Scum Pump 1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.18	<u>Scum Pump 2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
5.19	<u>Scum Pump Well</u> Recoat wet well.	1	LS	\$ _____	\$ _____
5.20	<u>Scum Pump Piping</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new piping system to include isolation and air relief valves, fittings and gauges.	1	LS	\$ _____	\$ _____
6.0 Effluent Pumps					
6.1	<u>Effluent Pump 1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____

6.2	<u>Effluent Pump 2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
6.3	<u>Effluent Header Box</u> Repair the existing sluice gate stem and replace the existing actuator system in kind. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.0 Transfer Systems					
7.1	<u>Primary Sludge Transfer Pump 1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.2	<u>Primary Sludge Grinder-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.3	<u>Primary Sludge Transfer Pump 2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.4	<u>Primary Sludge Grinder-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.5	<u>Primary Sludge Transfer Pump 3</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____

7.6	<u>Primary Sludge Grinder-3</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.7	<u>Primary Sludge Transfer Pump 4</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.8	<u>Primary Sludge Grinder-4</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.9	<u>Dewatering Pump -1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.10	<u>Dewatering Pump -2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.11	<u>Centrifuge Feed Pump-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.12	<u>Centrifuge Feed Pump-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.13	<u>Pump Gallery Valve Replacement (8-inch)</u> Remove and replace plug valves.	12	EA	\$ _____	\$ _____
7.14	<u>Pump Gallery Valve Replacement (4-inch)</u> Remove and replace plug valves.	18	EA	\$ _____	\$ _____

7.15	<u>Pump Gallery Sump Pump-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.16	<u>Pump Gallery Sump Pump-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.17	<u>Pump Gallery Sump Well</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new meters to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
7.18	<u>Booster Pump</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include new valves and piping.	1	LS	\$ _____	\$ _____
8.0 Digesters					
8.1	<u>Aerobic Mixer-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
8.2	<u>Aerobic Mixer-3</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
8.3	<u>Aerobic Mixer-4</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
8.4	<u>Digester/Flocculation Tank Clean</u> Complete removal and transport of sludge, grit and debris from the existing tanks to include any and all temporary means of access and restoration of existing tanks.	240,000	GAL	\$ _____	\$ _____

9.0 Chemical Feed Systems					
9.1	<u>Chemically Enhanced Coagulant Chemical Feed System-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
9.2	<u>Chemically Enhanced Coagulant Chemical Feed System-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
9.3	<u>Chemically Enhanced Polymer Feed System-1</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
9.4	<u>Chemically Enhanced Polymer Feed System-2</u> Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.	1	LS	\$ _____	\$ _____
9.5	<u>Coagulant Chemical Transfer Pump and Screen</u> <u>Complete removal and disposal of existing system. Supply, installation, and commissioning of new system to include connection to existing monitoring system.</u>	1	LS	\$ _____	\$ _____
9.6	<u>Chemical Building Vent</u> <u>Complete removal and disposal of existing system. Supply, installation, and commissioning of new vent.</u>	1	LS	\$ _____	\$ _____
10.0 Operations and Storage Building					
10.1	<u>Exhaust Vents</u> Complete Removal and disposal of existing system. Supply, installation and commissioning of new exhaust vents on Building roof system	3	LS	\$ _____	\$ _____

	TOTAL BASE BID (TOTAL of items 1.0 through 10.1, inclusive)	\$
	(Please write out total bid amount in words below)	

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.

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Note: Addresses are to be used for giving any required notice.

Provide execution by any additional parties, such as joint venturers, if necessary.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.