



GUAM WATERWORKS AUTHORITY

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

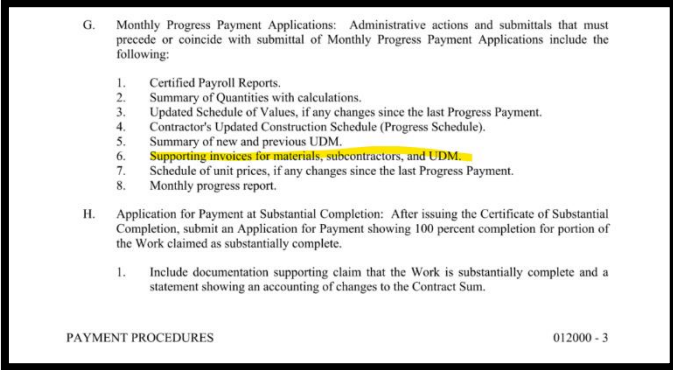
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Hagåtña Wastewater Treatment Plant Rehabilitation IFB-06-ENG-2026 GWA Project No. 22004 Response to RFI No. 2 to Contractor Inquiries

This Addendum and/or Response to Request for Information (RFI) is issued to modify the previously issued Invitation for Bid (IFB) documents and/or given for informational purposes and to the extent the responses below modify the proposal documents, please treat them as an amendment to the IFB. The following are responses to RFI's received:

NO.	DATE	QUESTION/INQUIRY AS SUBMITTED	GWA RESPONSE
1.	7/9/26	Please provide an extension to the Invitation for Bid due date for at least.	The submission deadline has been extended to Tuesday, August 18, 2026, at 10:00 AM.
2.		Please provide an extension to the Request for Inquiries and clarifications due date.	The deadline to submit questions and clarifications regarding this bid has been extended to Tuesday, August 4, 2026, COB.
3.		Please provide a hazardous material survey report for this project.	EOR Response: Contractor shall plan to work around an active wastewater treatment plant. No other information is available.
4.		Spec section 011000 Summary/1.4 Contractor's Use of Site and Premises/A.2 mention there is ongoing operations of the Northern District Wastewater Treatment Plant. Please identify the processes affected by these ongoing works and when with durations.	EOR Response: Correct. Northern District WWTP to Hagåtña WWTP. Pending concurrence from plant operator, contractor may assume access to project site.
5.		Spec section 01100 Summary/1.7 Permits – 1.7 PERMITS A. Furnish necessary permits for construction of Work including the following: 1. Building permit. 2. Storm water Pollution Prevention Plan and Notice of Intent 3. Dewatering permit. a. What is the status of the Dewatering permit? b. What is the status of the building permit? Has GWA submitted project for review? Is a construction drawing set required for building permit and if so has this been completed? c. Is an NOI for NPDES anticipated to be required for this project based on: - construction project area - dewatering requirements	EOR Response: a. Not expected. b. Contractor shall apply for building permit. c. Not expected.

6.	Please confirm that GWA will pay for progress payments for special materials and equipment that require payment prior to fabrication and delivery (i.e. initial and approved submittals). Most major equipment vendors and manufacturers include these payment terms in their bid proposals and will not accept an order without these. 	No. GWA will not pay for progress payments for special materials and equipment that require payment prior to fabrication and delivery. Please refer to 5 GCA Ch 5 §5007 Policy Against Advance Payments and 2 GAR Div 4 §1103 Advance Payments Prohibited.
7.	Please provide the recommended or preferred phasing plan.	EOR Response: Coordination with operations shall be done to minimize impacts to operations. If needed replacement works shall be in phases.
8.	Does the sequencing and phasing plan require an Engineering Stamp.	EOR Response: No.
9.	Confirm isolation valves are operable and the Plant Operators are responsible for complete and safe isolation.	EOR Response: Contractor may assume valve are operable or that operations will assist in the operations of the valves and equipment to be replaced.
10.	Please identify/annotate on a drawing the isolation locations for the following locations and process downtime: a. Onsite Pump Station b. Step Screen c. Flocculation Basin d. Clarifiers i. Sluice Gates ii. Sludge Collectors iii. Scum Pump Well	Please refer to Procurement Report Addendum A located in Addendum No. 2.
11.	How many flocculation basins can be down at the same time and for how long?	EOR Response: One may be taken down for one week.
12.	How many clarifiers can be down at the same time and for how long?	EOR Response: One may be taken down two weeks.
13.	Please identify on drawings the allowed construction laydown area.	EOR Response: Side area of GWA Maintenance Building may be used.

14.		Please confirm if onsite parking for contractor's personnel is available. What is the BMPs requirement for contractor's parking area? 1.10 PARKING A. Provide temporary gravel surface parking areas to accommodate construction personnel. B. Locate as approved by Engineer. C. If Site space is not adequate, provide additional off-Site parking. D. Use of designated areas of existing on-Site streets and driveways used for construction traffic is not permitted. Tracked vehicles are not allowed on paved areas. E. Use of designated areas of existing parking facilities used by construction personnel is not permitted. F. Do not allow heavy vehicles or construction equipment in parking areas. G. Do not allow vehicle parking on existing pavement. H. Designate four (4) parking spaces for Engineer I. Maintenance: - Maintain traffic and parking areas in sound condition . - Maintain existing and permanent paved areas used for construction; promptly repair breaks, potholes, low areas, standing water, and other deficiencies, to maintain paving and drainage in original condition. ii. Contents Include in the environmental protection plan, but not limit it to, the following: - Name(s) of person(s) within the Contractor's organization who is (are) responsible for ensuring adherence to the Environmental Protection Plan. - Name(s) and qualifications of person(s) responsible for manifesting hazardous waste to be removed from the site, if applicable. - Name(s) and qualifications of person(s) responsible for training the Contractor's environmental protection personnel. - Description of the Contractor's environmental protection personnel training program. - An erosion and sediment control plan which identifies the type and ENVIRONMENTAL PROTECTION 015010 - 2 Hagatña WWTP Equipment Procurement location of the erosion and sediment controls to be provided. The plan must include monitoring and reporting requirements to assure that the control measures are in compliance with the erosion and sediment control plan, Federal, State, and local laws and regulations. A Storm Water Pollution Prevention Plan (SWPPP) may be substituted for this plan. - Drawings showing locations of proposed temporary excavations or embankments for haul roads, stream crossings, material storage areas, structures, sanitary facilities, and stockpiles of excess or spoil materials including methods to control runoff and to contain materials on the site.	EOR Response: Side area of GWA Maintenance Building may be used.
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15.		Spec section 022100 – Digester Sludge Removal and Disposal a. Section 1.1.C say the total estimated volume of material is 660,00 gallons. However, the bid form say Digester Tank Clean quantity is 600,000 gallons, please clarify. b. Please confirm the sludge drying bed volume. c. Please confirm no odor control system is required for the digester tanks during cleaning and disposal. d. Where is temp sludge holding area if not addressed during site walk and if this requires NOI to NPDES if used? e. What are active wastewater processes and materials to be noted in Contractor work area? Hagåtña WWTP Equipment Procurement 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 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 are 80 feet in diameter and 25 feet deep with a coned bottom and metal floating roof. Each digester has an approximate full capacity of 875,000 gallons. C. The estimated volume of material within each digester is 200,000 gallons. Total estimated volume of material is 660,000 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. 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 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. DIGESTER SLUDGE REMOVAL AND DISPOSAL 022100-3	EOR Response: a. Please refer to specification and bid form in Addendum No. 2. b. There is no drying bed at Hagåtña WWTP. c. This is not anticipated. d. Please refer to Addendum No. 2. e. Please refer to Addendum No. 2.
16.		Is the digester tank sludge tested and considered hazardous waste?	EOR Response: May be considered as non-hazardous.
17.		Section 113300 Step Screen – please confirm the basis of design fits within the footprint of the channel.	EOR Response: Confirmed.
18.		For the demolition of the existing step screen, please provide weights and safe dismantling details/instructions.	EOR Response: This shall be up to contractor. Refer to procurement report and plans provided.

19.		Please clarify/confirm the Contractor is not responsible for the fit and adjustment of the specified equipment as a Design-Build.	EOR Response: Confirmed, provided contractor supplies equipment in kind.
20.		Please confirm the Contractor is not responsible for any Performance Guarantee on the processes and equipment.	EOR Response: A warranty is expected on equipment, but a treatment guarantee is not expected.
21.		For all the electrical wire that needs to be replaced, please provide wire sizes.	EOR Response: KTR to confirm the existing size and length of the conduit/wires.
22.		Please confirm no concrete work is required for the process equipment pad.	EOR Response: Minimal repair may be needed to address chipped caused by equipment removal.
23.		Spec section 407169 Open Channel Flow Meters, please provide drawings showing the new location of the alternate flow meter, that will replace the parshall flume.	EOR Response: Work removed from scope.
24.		Please confirm the existing Parshall Flume (FE110), which is not operational is abandoned in place.	EOR Response: Work removed from scope.
25.		If new conduit supports are required to be replaced due to corrosion, please provide quantities for basis of bid.	EOR Response: Please refer to Response to RFI No. 1.
26.		Section 135200 – Field Instruments a. Please provide the design upgrade drawings and the new influent sampler location. b. Please provide information on the SCADA interface	EOR Response: Work removed from scope.
27.		Please provide a schedule for all the SCADA I/O points for this project.	EOR Response: Work not part of scope.
28.		Pease provide a schedule of the electrical conduit/wire sizes.	EOR Response: KTR to confirm the existing size and length of the conduit/wires.
29.		Are there any expected underground electrical ductbanks? If so, please provide ductbank sections/profile and depths.	EOR Response: Work not part of scope.
30.		Regarding the Power Systems, please confirm if the existing distribution system is a part of this project, including the generator, switchboard, transformer switch, and all other related equipment, accessories, and components. If so, please provide drawings, one-line, etc.	EOR Response: Repair/Modification of the existing distribution system (transformer, switchboard, and generator) will not be part of the scope.
31.		For all the actuators that need to be replaced, please provide the existing and preferred brand.	EOR Response: Existing brand is Auma.
32.		Regarding the Primary Clarifier Scum Pumps piping and valves that need to be replaced, please provide drawings with section views, routing, and required pipe supports.	Please refer to Procurement Report Addendum A located in Addendum No. 2.

33.		Section 135200 – Field Instruments – Effluent Sampler: what are the parameters to pass water quality. Is there a 3rd Party requirement?	EOR Response: Work removed from scope.
34.		Please confirm if Cybersecurity is a part of the scope for this project. If so please provide specifications	EOR Response: Work not part of scope.
35.		Please confirm if SCADA is a part of the scope for this project. If so, please provide specifications.	EOR Response: Work not part of scope.
36.		Section 00460 Qualifications Statement – Schedule C: Please confirm Schedule C – List of Major Equipment Available is not required to be submitted at the time of bid. This document has a column that says, “Purchase Date”. At this stage of the bidding phase, no equipment has been selected or purchased.	Schedule C is required for submission. Schedule C refers to major equipment currently owned by bidder that will be used in the project. Ownership of equipment listed in Schedule C does not transfer to GWA.

37.

Please confirm Contractor will not be responsible for upgrading and repairing existing electrical that is not reusable and does not meet electrical code, except if noted. Not sure where this flow indicator is located, but electrical conduit doesn't look like it meets Class 1, Div 2 code.

EOR Response: Confirmed, electrical upgrade is not part of the scope. Repair involves the existing electrical components related to the replacement of mechanical equipment such as refurbishing the disconnect switches, replacing corroded/missing components including but not limited to conduits, junction boxes, and supports. Flowmeter will be replaced in the same location.



Figure 7: Influent Magnetic Flow Meter Display Unit

- c. Electrical:
- i. Existing conduits are still in good condition; however, its associated conduit supports are in poor condition due to the corrosion, damaged and missing components.
- d. Area Classifications:
- i. Below grade meter vault: Class 1 Division 2.

ii. Reference NFPA 820-2024, Table 4.2.2, Row 34a.
2. Recommendation (New SCADA Design)
- a. Mechanical:
- i. Paint the existing piping in the flow meter vault to match existing.
- b. Instrumentation and Controls:
- i. Replace the existing flow meter display unit. Provide a weatherproof enclosure rated for exterior installation with a clear display window.

ii. Remove the communication and controls from PLC-OZ and relocate to the new Master programmable logic controller (PLC). All signals from the flow meter and display unit will be hardwired.

iii. Recalibrate the existing flow meter.

iv. The SCADA system will display current influent flow and also include a totalizer function.
- c. Electrical:
- i. Existing conduits for the flowmeter can be reused and needs to be refurbished. The wiring needs to be replaced when the new flowmeter is installed.

ii. Replace all corroded, damaged and missing conduit supports.



Figure 9: Step Screen

- c. Electrical:
- i. Existing electrical and control conduits for the step screen are in fair to poor condition due to missing components and improper installation. The transitions from the PVC-coated conduit to the flexible conduits are incorrectly done, with electrical tape used instead of proper fittings or connectors. And some of the conduit supports are corroded, damaged and missing.

ii. Most of the existing conduit for electrical and control for the step screen equipment can be reused and needs to be refurbished and wiring needs to be replaced when the new screen equipment is installed. Replace all damaged, corroded or missing conduit and provide all necessary components such as connectors and fittings.

iii. Existing support needs to be refurbished, and all corroded, missing and damaged components need to be replaced.
- d. Area Classifications:
- i. Screening & influent channel interior: Class 1 Division 2.

ii. Screening & influent channel exterior: Class 1 Division 2 envelope within 10 feet around equipment and open channels.

iii. Reference NFPA 820-2024, Table 5.2.2 Rows 1c and 2c.
2. Recommendation (Procurement Package)
- a. Mechanical:
- i. Replace the existing step screen with new screen.

ii. Consider will be given to replace the step screen with an alternate system such as a rotating drum screen.
- b. Instrumentation and Controls:

38.	Please confirm parshall flume dimensions for flowmeter manufacturer and provide mounting bracket. Please provide drawings as mentioned in the Assessment Report: 2. Recommendation (Procurement with new Design) a. Mechanical i. Replace with alternate flow meter, such as an area velocity meter. b. Instrumentation and Controls i. The existing level instruments are not working and require replacement. ii. The existing venturi will be abandoned and no longer used. iii. Communications for the new area velocity meter will be relocated to the new Master PLC in the Operations Building. c. Electrical: i. Existing conduits can be reused for the level transmitter and needs to be refurbished. Replace all corroded components and provide new conduit supports. d. Drawings – The original design for the Parshall Flume is shown on the civil and electrical drawings (C-1, C-7, and E-7). e. See Specification Section 407169 Open Channel Flow Meters. 13. Influent Sampler The influent sampler takes samples for water quality analysis on the influent raw sewage. The influent sampler is a standalone piece of equipment, furnished with a control panel that can be locally configured for sample frequency and volume. The existing influent sampler is not connected to SCADA.	EOR Response: Confirmed, electrical upgrade is not part of the scope. Repair involves the existing electrical components related to the replacement of mechanical equipment such as refurbishing the disconnect switches, replacing corroded/missing components including but not limited to conduits, junction boxes, and supports.																																																
39.	Different flow meter instrument manufacturers are listed in Specs. Please confirm desired instrument. Q Ultrasonic unit shall be Milltronics OCM III with XRS-5 transducer and TS-2 Temperature sensor, or approved equal. R LEVEL TRANSMITTER <table><tr><td>S</td><td>T</td><td>GENERAL</td><td>U</td></tr><tr><td>V</td><td>W</td><td>Tag No.</td><td>X</td></tr><tr><td>Y</td><td>Z</td><td>P&ID No.</td><td>AA</td></tr><tr><td>BE</td><td>CC</td><td>Service</td><td>DD</td></tr><tr><td>EE</td><td>FF</td><td>Type</td><td>GG</td></tr><tr><td>HI</td><td>II</td><td>Function</td><td>JJ</td></tr><tr><td>KJ</td><td>LL</td><td></td><td>MM</td></tr><tr><td>NP</td><td>OO</td><td>TRANSDUCER</td><td>PP</td></tr><tr><td>QQ</td><td>RR</td><td>Material</td><td>SS</td></tr><tr><td>TI</td><td>UU</td><td>Range, Feet</td><td>VV</td></tr><tr><td>W</td><td>XX</td><td>Cable, feet</td><td>YY</td></tr><tr><td>ZZ</td><td>AAA</td><td>Mounting</td><td>BBB</td></tr></table> 2.2 SPARE PARTS Not required. INSTRUMENTATION EQUIPMENT 13520-2 OPEN CHANNEL FLOW METERS 407169 - 2 Hagatla WWTP Equipment Procurement PART 2 - PRODUCTS 2.1 DESCRIPTION A. Furnish sensors, field preamplifiers, signal conditioners, offset and span adjustments, amplifiers, transducers, transmitters, control devices, interconnecting cables, and unit conversions and algorithms as required for application. 2.2 Open Channel Flow Meter A. Manufacturers: - Hach Flo-Dar Sensor Permanent installation FL1500 Model 4000-9 intrinsically safe - Or Approved Equal	S	T	GENERAL	U	V	W	Tag No.	X	Y	Z	P&ID No.	AA	BE	CC	Service	DD	EE	FF	Type	GG	HI	II	Function	JJ	KJ	LL		MM	NP	OO	TRANSDUCER	PP	QQ	RR	Material	SS	TI	UU	Range, Feet	VV	W	XX	Cable, feet	YY	ZZ	AAA	Mounting	BBB	EOR Response: Work removed from scope.
S	T	GENERAL	U																																															
V	W	Tag No.	X																																															
Y	Z	P&ID No.	AA																																															
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ZZ	AAA	Mounting	BBB																																															

40.		How many PC 1, 2, 3 can be worked on at one time? Are these tanks drained and cleaned and out-of-service? Can these tanks be isolated for influent/effluent/return flows and be and considered non-permit required confined-spaces? Primary Clarifier Cross Collectors -1, 2 and 3 (Tag No. PCCC-1, PCCC-2, and PCCC-3) The Primary Clarifier Cross Collectors are located in the influent of each clarifier and are used to move primary sludge that settles at the bottom of the clarifiers towards the suction of Primary Clarifier Transfer Pump No.1, 2, and 3. The controls are connected to the Master PLC in the Operations Building. 1. Assessment a. Mechanical – i. The motors, drive sprockets, cross collector chain and flights are either showing significant corrosion, damaged, missing parts, or not installed (Figure 21,22,23, and 24).	EOR Response: One at a time. Tanks will be drained by GWA operations. Safety matters shall be up to contractor.
41.		We respectfully request a follow-up site visit with GWA and DCA representatives in attendance. If possible, please provide multiple date options and allow bidders the opportunity to ask field-related questions and obtain clarification on existing site conditions during the visit.	A follow-up site visit is scheduled for Tuesday, July 28, 2026, at 1:30 PM. Attendance will not be mandatory for bidders. Oral statements made at the follow-up site visit may not be relied upon and will not be binding or legally effective.
42.	7/13/26	Spec section 112250 Aerobic Digester call for four (4) tag numbers AM-1, AM-2, AM-3, and AM-4. The bid form has three (3) Aerobic Mixers #2, #3, and #4 in items 8.1, 8.2, and 8.3, respectively. Please confirm the scope is for three (3) aerobic mixers.	EOR Response: Confirmed scope is only for three digesters.
43.		The 2025 HWWTP Site Assessment, pdf 73 of 95 – Condition Assessment Schedule - Mechanical says to “replace the Rapid Mixer, tag no. RM-1. However, within the assessment report pdf 18 of 95, under Recommendation, it says the rapid mixer and associated infrastructure will not be replaced. Which is it, please confirm. Also, there is no spec section or bid item.	EOR Response: Rapid mixer is not part of scope.
44.		The 2025 HWWTP Site Assessment, pdf 73 of 95 – Condition Assessment Schedule - Mechanical says to Relocate the Parshall Flume FE110. However, the assessment report pdf 22 of 95, under Recommendation says to Replace with alternate flow meter, such as an area velocity meter. What is the scope of work for the parshall flume? Please clarify and show the drawings.	EOR Response: Parshall flume works have been removed from scope.
45.		The 2025 HWWTP Site Assessment, pdf 22 of 95 – Influent Sampler, Recommendation Mechanical says to Replace the influent sampler with new, current technology to improve the overall life expectancy and interface capabilities. Sampler location will be moved to accommodate new influent box. Which bid item is the influent sampler scope of work in?	EOR Response: Work removed from scope.

46.	Section 00410, Attachment 1 – Base Bid Form, please provide spec sections for the following and clarify the scope of work (differs from site assessment report) a. Bid item 9.5 Coagulant Chemical Transfer Pump and Screen b. Bid item 9.6 Chemical Day Tank -1 c. Bid item 9.7 Chemical Day Tank -2	EOR Response: Item a (transfer pump) is in scope. Items b and C (Chemical tanks) have been removed from scope
47.	Section 113140 Recessed Impeller Pumps/3.4 Service Conditions: Please confirm no VFDs are required for the recessed impeller pumps.	EOR Response: Confirmed.
48.	Section 113140 Recessed Impeller Pumps/3.4 Service Conditions: lists the following as the specified manufacturers and models: Wemco Model C, Hayward Gordon Model, Warren Model, or equal. A prospective vendor has requested confirmation on whether the "DiscFlo" brand pump may be considered as an equal/substitute item under this section. Please confirm whether "DiscFlo" will be accepted for evaluation as an "or equal" item under Section 113140. Attachment: DiscFlo manufacturer's literature is attached for reference (case studies, marked-up spec pages with vendor annotations, and a performance curve).	EOR Response: Existing dewatering pumps are Morris Pumps H20P3C-P. This and the specification will be used to determine equality.
49.	Section 00100 – Invitation for Bid of IFB-06-ENG-2026 requires all sealed bids to be submitted through GWA's Online Procurement Cloud Portal. This is a new requirement not present in previous GWA solicitations, and the bidder is requesting clarification on the submission process. a) Please provide detailed step-by-step instruction for submitting a bid through the Portal, including document upload requirements and confirmation of successful submission. b) Please confirm the file size limit(s) for documents uploaded to the Portal, whether this limit applies per file or per total submission, and the accepted file format(s).	a) A step-by-step instruction video has been provided to registered suppliers via OPC messages. b) At this time, file size limits are undetermined, however, test uploads have shown file sizes up to 100MB and multiple file uploads are accepted. Accepted formats include .pdf, .doc, .xlsx, .txt, and .mp4.

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



Miguel C. Bordallo, P.E.
General Manager

