

PRE-BID MEETING MINUTES

Project: **Design and Construction of the Umatac-Merizo Wastewater Treatment Plant Upgrade
GWA Project No. S17-002-BND**

Date & Time: **January 11, 2017, 10:00 a.m.**

Venue: **Guam Waterworks Authority, Mangilao, Guam
CCU Board Room**

Attendees: **Refer to Sign-In Sheet**

10:01 a.m.: Start of conference call (2nd floor conference room)

10:03 a.m.: Brief introduction by **Bill Chang (Brown and Caldwell)** and **Gloria Bensan (GWA)**

10:04 a.m.: Move to 3rd floor CCU Board room (larger), due to unexpectedly large attendance

10:09 a.m.: Restart conference call (3rd floor conference room)

10:09 a.m.: Gloria Bensan: This is the Pre-Bid Meeting for the Umatac-Merizo WWTP Design-Build project, a Court Order project. This project is funded by GWA Bond. Deadline to submit RFI is on January 23, 2017 and requesting all bidders to submit RFI via email. Step 1 bid submittals are due **February 2, 2017.**

10:10 a.m.: Bill Chang: I'm the project manager for this project. Pat Tangora (contract specialist), Craig Lekven, and Irina Constantinescu are also on the line (conference call). Craig & Irina have past involvement and are putting together preliminary plans & specifications for Step 2 of this bidding process. Handing over to Craig & Irina to discuss history of Umatac-Merizo WWTP, scope.

10:12 a.m.: Craig Lekven (Brown and Caldwell): Umatac-Merizo WWTP is located near Umatac and Merizo, on the bank of Toguan River. First constructed in 1980. Modifications since then, but no major rehabilitation projects. It's a unique treatment plant, since it uses overland flow treatment process (relatively rare in the U.S.).

During wet weather, aerated lagoon tends to overflow into the Toguan River. WWTP is not currently able to meet NPDES nutrient and biological removal requirements. Over the decades since construction, USEPA has enacted more stringent requirements. WWTP was not upgraded sufficiently to meet new requirements.

Part of Court Order requirements. Required completion of WWTP improvements by **December 31, 2018.**

WWTP does not meet NPDES discharge limitations. However, after various studies, Brown & Caldwell (BC) found that no reasonable treatment process could comply with the discharge limitations. Craig

Lekven to post back-up documents on GWA website: Evaluations, etc. Of those documents, “Discharge White Paper” shows overview of evaluations completed, challenges faced, and why GWA has selected current approach for this WWTP.

Approach: Update this WWTP as best as possible. GWA is collecting data on Toguan River and WWTP to make a case to USEPA that the water quality standards for Toguan River may be justifiably modified. Goal is to attain a future NPDES permit that can be met by this WWTP. This entire process is being done in parallel to the Design-Build project.

Project Description: WWTP upgrades include the following:

- Existing influent pump station rehabilitation, including new pumps, controls, piping, valves.
- New headworks building, including new automatic screens, electrical room, automatic sampler.
- Existing aerated lagoon improvements: Piping modifications, repairs to berm surrounding the lagoon, new floating baffle curtain in lagoon, new set of aerators.
- New effluent pump station to be constructed adjacent to lagoon.
- New pipeline from new effluent PS to overland flow pipe.
- Overland flow system will have substantial new piping, improved distribution system, new collection ditches, realigned access road.
- Below the overland flow system, there is an effluent PS that must be rehabilitated / modified.
- New UV disinfection system to disinfect effluent from WWTP prior to discharge to Toguan River.

Intent: Contractor to successfully construct project prior to court-order deadline.

10:21 a.m.: Pat Tangora (Brown and Caldwell): Contractor will be asked to construct a facility which meets the technical requirements and performance requirements of the bidding documents, i.e., disinfection requirements, TSS, and BOD requirements. However, the contractor will not be required to meet all of the NPDES requirements, since GWA is trying to get a change to some of these standards.

Procurement is being done following GWA regulations, which require a 2-step procurement process. First step: Technical proposal. Second step: Pricing proposal.

This is a Design-Build contract, so selected contractor will complete both design and the construction.

In terms of the technical proposal (first step), contractors must submit a technical approach limited, to 25 pages.

- First part – Technical Approach: Contractors take a look at documents on GWA website and give best thoughts about how to sequence, schedule, and manage the work to meet deadlines, and elaborate on techniques needed to manage schedule risk and meeting deadlines.
- Second part – Bidder Qualification Form and Related Information: Corporate information about proposal team. Experience / qualifications. A minimum of 6 reference projects are required. Resumes of key personnel required. Allowed to attach an additional 25 pages to cover additional info you would like to provide. Info required by GWA for resumes will be issued shortly. Technical Proposal due by February 2, 2017.

BC / GWA may contact Bidders for additional clarification / info of their technical proposal. Intent is to get a list of Qualified Bidders. Page 13 of IFB indicates scoring criteria for Bidders. Qualified / unqualified Bidders will then be notified, starting around **February 17**. Bridging Documents (more

drawings, design criteria, performance / technical specifications) will be available shortly thereafter. Pricing proposals are to be based on information in the Bridging Documents.

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Current due date for Pricing Proposal: **April 3, 2017**

If a contract needs additional time for bid pricing, please make request ASAP after receipt of the Bridging Documents. This project is under court order to be completed by **December 31, 2018**. BC / GWA wants to meet schedule, but also give contractors time to prepare accurate bids.

NTP: Anticipated for **June 5, 2017**.

Court Order: **June 30, 2017** requirement for initiation of construction.

10:28 a.m.: Bill Chang: June 30, 2017 is requirement for NTP of construction contract. USEPA is anticipating construction to be initiated shortly thereafter. No clear definition from USEPA of exactly what initiation of construction means.

10:29 a.m.: Gloria Bensen: RFIs received from some contractors. Hopefully GWA can issue response by end of this week (by 1/13/2017). If a contractor doesn't receive email, please visit GWA website under the Bids tab. All responses will be posted to www.guamwaterworks.org. Please send inquires via email, to gpbensen@guamwaterworks.org.hat way, no RFIs will be missed (hopefully).

This meeting now open for questions, but contractors should ask official questions as RFIs and wait for official responses in writing.

10:31 a.m.: Questions from contractors were discussed and will be responded to in writing via a RFI response document.

10:48 a.m.: Gloria Bensen: Meeting adjourned.



GUAM WATERWORKS AUTHORITY

IFB-03-ENG-2017

DESIGN AND CONSTRUCTION OF THE UMATAC-MERIZO WASTEWATER TREATMENT PLANT UPGRADE
GWA Project No. S17-002-BND

Pre-Bid Conference

January 11, 2017 - 10:00 a.m. - GPWA Gayu Conference Room -> CCU Board Room

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