



Pre-Bid Meeting Minuets

Project: Groundwater Wells A-02, A-07, A-12, D-05 and F-03 Rehabilitation
Project No.: W16-001-EPA
IFB No. : IFB-01-ENG-2020
Meeting Date: November 20, 2019 at 10:00 am

Location: GPWA - SPORD Conference Room, 2nd Floor Gloria B. Nelson Public Service Building

Attendees See attendance sheet

Item No.	Description	Notes
1.0	INTRODUCTIONS	Speaker: Ryan Diaz
1.1	GWA Representative(s) Ryan Diaz, Project Engineer Garrett Yeoh, Senior Engineer Brett Railey, P.E., Senior Engineering Supervisor Gloria Bensen, Senior Engineer	
1.2	Designer Representative(s) Pete Diaz, P.E.	
2.0	ATTENDEES	Speaker: N/A
2.1	Please sign into the attendance sheet.	
3.0	GENERAL	Speaker: Ryan Diaz
3.1	The purpose of the Pre-Bid Conference is to provide an "Informal" forum for the Prospective Bidders to ask questions on the Design and Construction Scope of Work identified in the Bidding Documents.	
3.2	All answers provided by GWA and Agency's Representatives to Prospective Bidders questions are considered Informal and non-binding.	
3.3	All Prospective Bidders requiring "Formal" answers to their questions must submit their questions in writing to Gloria Bensen, of GWA at: gpbensen@guamwaterworks.org ; rdiaz@guamwaterworks.org ;	

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3.4	All Formal answers to Proposers questions shall be via the issuance of an Addendum through GWA's website: www.guamwaterworks.org to ensure that all addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.	
3.5	The formal questions (RFI's) submission deadline for this project is November 26, 2019.	
4.0	PROJECT DESCRIPTION & SCOPE OF WORK	Speaker: Pete Diaz
4.1	A brief description of the major components of work include, but are not limited to the following:	
4.2	<p>1) The base bid of this project consists of the complete rehabilitation of four (4) production wells in Ordot-Chalan Pago, Dededo and Finegayan. A-07 is not in the contract. Pilot boreholes have been drilled and investigated for each well site to be rehabilitated. The findings for water quantity, water quality, and hydrogeologic features were used as the basis of the design. The pilot borehole will be used as the location of the new well to be constructed. The borehole will need to be reamed to a larger diameter. A licensed driller and a drilling permit from GEPA will be required.</p> <ul style="list-style-type: none"> a) construction, development, testing and permitting of a new production well, new well equipment, concrete pedestal, discharge piping, valves and appurtenances, connections; b) construction of new flushing piping and manhole; c) construction of a new chlorination building, chlorination equipment and appurtenances; d) construction of yard piping, appurtenances, and site improvements (paving, sidewalks, fencing); e) installation of standby generator, new electrical and instrumentation systems; <p>2) Additive bid items for this project include gravel pack allowance, grout allowance, sand pumping, and chlorination equipment spare parts.</p>	

Item No.	Description	Notes
4.3	<p>A-02:</p> <ul style="list-style-type: none"> • Site is located in Ordot-Chalan Pago, along Maimai Road, and is front of Sanctuary. • This is a non-active well site. • Upper 110 ft section of bore hole will need stabilization with a conductor casing. • Bore hole depth is 205 ft bgs. Well casing and screen material is 316 SS, refer to Dwg. C-301. • Construction may or may not require coordination with Sanctuary for temporary access and closure of their parking lot. Contractor will ensure access to Sanctuary is maintained. • Removal of existing well site concrete walls and slab, fencing and piping. • Field locate and pothole to verify location of water main for connection along Maimai Road. 	
4.4	<p>A-12</p> <ul style="list-style-type: none"> • Site is located in Ordot-Chalan Pago, along Dero Road, and is across the street from the Mayor's Office. • This is an active well site. The timing and demolition of the existing well will need to be coordinated with GWA. Abandonment of the well will need to be coordinated with GEPA. • Bore hole depth is 412 ft bgs. Well casing and screen is 316 SS, refer to Dwg. C-301. • Installation of a new power pole will need to be coordinated with GPA. • Removal of existing well site concrete slab, fencing, piping, and chlorination building. • Field locate and pothole to verify location of water main for connection along Dero Road. 	
4.5	<p>D-05</p> <ul style="list-style-type: none"> • Site is located in Dededo, within the Guam International Country Club golf course. Access is through a road next to GWA's previous Dededo Laboratory along Route 1. Contractor will need to coordinate with the golf course during construction to mitigate impacts to their operations. • This is not an active well site. • Bore hole depth is 430 ft bgs. Well casing is HSLA Steel and 304 SS, and well screen is 304 SS, refer to Dwg. C-302. • Power source is not located near the site. New conduit will need to be installed to the site. • Removal of existing well site concrete slab, fencing, piping, and chlorination building. • Field locate and pothole to verify location of water main for connection along GWA access road. 	<ul style="list-style-type: none"> • GWA comment: Existing power conduit routing will be verified by contractor.

Item No.	Description	Notes
4.6	F-03 <ul style="list-style-type: none"> • Site is located in Finegayan, along Route 3. • This is an active well site. The timing and demolition of the existing well will need to be coordinated with GWA. Abandonment of the well will need to be coordinated with GEPA. • Bore hole depth is 496 ft bgs. Well casing is HSLA Steel and 304 SS, and well screen is 304 SS, refer to Dwg. C-302. • Removal of existing power pole to be coordinated with GPA. A new conduit from an existing power pole will need to be installed. • Removal of existing well site concrete slab, fencing, piping. • Field locate and pothole to verify location of water main for connection. 	
5.0	BID ADDENDA & RESPONSES TO CONTRACTOR RFI'S	Speaker: Ryan Diaz
5.1	No Addenda or responses to Contractor inquires have been issued for this project to date. If there are any, they will be available on the GWA website: www.guamwaterworks.org	Bidders are requested to submit RFIs at the earliest to provide GWA ample time to respond to the questions.
6.0	BID AWARD	Speaker: Ryan Diaz
6.1	The Bid will be awarded to the lowest responsible, responsive bidder for the Base Bid if it is within GWA's available funds. If the Bids exceed GWA's available funds, GWA will retain the right to delete one or more of the Bid Items from the Bid Schedule to bring the Bid total within their budget. After receipt of bids, GWA will determine which, if any, of the subject Bid Item(s) may be deleted and will apply the deletion to all Bidders to determine the lowest resultant bid. GWA may elect to delete any or all of the Bid Items, in any order, as it sees in its best interest.	
7.0	SPECIAL CONSIDERATIONS	Speaker: Ryan Diaz

Item No.	Description	Notes
7.1	<ol style="list-style-type: none"> 1) Substantial Completion will be awarded for the project in whole and not per individual site. 2) The project will be considered substantially complete upon completion of production wells, well equipment, concrete pedestals, piping, valves, appurtenances, piping connection, chlorination building, chlorination equipment, standby generator, electrical and SCADA equipment, disinfection, calibration of the instrumentation, programming and testing of the SCADA equipment, and all the sites are fully functional and operable, including other preparations and proof of Guam EPA acceptance, as necessary for owner's use of the well sites, piping, and equipment to distribute potable water at the permitted flow rates. 3) Base bid work shall be substantially complete as specified no later than 420 calendar days from NTP. 60 calendar days will be added to the Base Bid Substantial Completion if the Additive Bid Items are awarded; the added calendar days are not cumulative. 4) Liquidated damages for each calendar days delay until said Work is satisfactory completed at the rate of \$3,000 per day. 5) Final Completion shall be no later than 60 calendar days following Substantial Completion. 	<p>(Section 01 11 00, 1.03 A.)</p> <p>The 420 days includes days lost due to inclement weather (Section 00800 Supplementary Conditions, Article 4, SC-4.05)</p>
7.2	<p>Coordination with GWA for outage requests. This project may require a lot of night work.</p> <p>Submit a detailed outage plan that describes the work necessary to do.</p> <p>Outage requests must be submitted to GWA at least 14 calendar days prior to the required outage time. Outages may not exceed 8hrs for each shut down and no more than 1 outage request will be considered per week.</p>	(Section 01 11 00, 1.04, D)
7.3	<p>Only GWA staff is authorized to operate existing equipment, valves, and systems; and such requests by the Contractor will be considered within 48 hours after receipt of Contractor's written request.</p>	
7.4	<p>Permitting and scheduling of ROW work needs to be coordinated with DPW and GWA.</p> <p>Encroachment permit required.</p>	(Section 01 22 00)
7.5	<p>Any GC and subcontractor must have all the licenses required by the Guam Contractors License Board. Well driller must have a valid Guam Water Well Contractor's License.</p>	
7.3	<p>This is a Grant Funded Project</p>	
8.0	QUESTIONS	Open to the Contractors

Item No.	Description	Notes
	Where is the existing well?	GWA Response: See bid package design drawings and specification. Submit an RFI.
	All existing piping will not interfere with the new piping?	Submit an RFI.
	Is the area next to well considered private property?	GWA Response: See design drawings on project boundaries for each well site. Submit an RFI.
	Is the sounding tube outside the well casing?	Submit an RFI.
	What is the 26" Diameter steel casing material at A-2?	Submit an RFI.
	When is the expected NTP date?	GWA Response: NTP date depends on the CCU and other required documents that need approval. Submit an RFI.
8.0	SITE TOUR	Speaker:
8.1	A site visit held after the Pre-Bid conference—1pm ChST; meet at A-02 Site near Sanctuary. Scheduled to go to the following sites: A-02, A-12, D-05, F-03.	
	See attached for site visit attendee list.	See attached Site Visit Sign-In Sheet.



GUAM WATERWORKS AUTHORITY

IFB-01-ENG-2020
 GROUNDWATER WELLS A-02, A-07, A-12, D-05 and F-03 REHABILITATION
 GWA Project No. W16-001-EPA

Pre-Bid Conference
 November 20, 2019 – 10:00 a.m. – GPWA Gayu Conference Room

Name:	Company	Contact No.	Email Address
Guam Waterworks Authority			
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