

## Meeting Minutes

Project	Route 4 Relief Sewer Line Rehabilitation and Replacement
Subject	Pre-Bid Meeting; IFB-10-ENG-2017
GWA Project No.	S15-006-EPA
Date	September 8, 2017
Time	10:00am – 11:00am
Location	GPWA Gayu Conference Room, Room 201
Attendees	See Attachment 1
Prepared	September 11, 2017
Prepared by	Pete Diaz
Distribution	GWA RFQ/RFP Bids Website: <a href="http://guamwaterworks.org/bids/">http://guamwaterworks.org/bids/</a>

The following is a summary of our meeting held on September 8, 2017. This summary is not a direct transcript, but rather a summary of the discussion.

### Discussion Items:

1. Attachments were passed out at the beginning of the meeting and included:
  - a. Attachment 2: Pre-Bid Meeting Agenda
  - b. Attachment 3: Sewer System Schematic with Project Limits
2. Introductions - Brown and Caldwell (BC)
  - a. George Watson opened the meeting and made the following introductions for GWA:
    - i. GWA PM on behalf of GWA:  
 George Watson  
 Email: [gwatson@brwncald.com](mailto:gwatson@brwncald.com)  
 Phone: 671-300-4228
    - ii. GWA Engineering Procurement/Contracts:  
 Gloria Bensan  
 Email: [gpbensan@guamwaterworks.org](mailto:gpbensan@guamwaterworks.org)  
 Phone: 671-300-6042  
  
 Nicole Ballesta-Quan  
 Email: [nicole@guamwaterworks.org](mailto:nicole@guamwaterworks.org)  
 Phone: 671-300-6038
    - iii. Send all correspondence and questions regarding the Invitation to Bid (IFB) to George, and cc Gloria and Nicole.
  - b. George introduced the Resident Project Representative/Construction Management Firm for the project: EMPSCO
  - c. George introduced the Engineer/Designer of Record: Pete Diaz, AECOM
3. Bid Submittal Requirements and Dates – BC
  - a. Submit questions in a Request for Information (RFI) no later than September 19, 2017
  - b. Bids due September 29, 2017, no later than 3:00pm ChST.
  - c. Contract time: 450 calendar days

- d. Pete emphasized the Bidder's Statement of Qualification, Section 01 44 00 of the Technical Specifications which describes the minimum workforce qualifications for the cured-in-place pipe (CIPP) lining work. CIPP is limited to water and ultra-violet (UV) cured installations. Steam cured installations are excluded.
  - e. This is a USEPA/State Revolving Fund project, so additional documentation and requirements by the Davis-Bacon Act and other grant requirements will need to be met.
4. Description of the Project – AECOM
- a. Existing Conditions
    - i. The main gravity sewer main along Route 4, is near full capacity and experiences sanitary sewer overflows and surcharging, especially during wet weather. The project intent is to bring inactive portions of the Route 4 Relief Sewer into service through rehabilitation and replacement.
    - ii. Refer to Attachment 3, Sewer System Schematic with Project Limits. Facing north/downstream, the original sewer is on the left and the relief sewer is on the right.
    - iii. Along Route 4, there are two sewer mains conveying flow from the Chaot Wastewater Pump Station (WWPS) to the Hagatna WWPS. The original sewer was constructed in the late 1960s. A relief sewer was constructed in the 1990s, but portions were either poorly constructed or incomplete.
    - iv. Only portions of the relief sewer are active. Flow from the Chaot WWPS is discharged at SMH 6885, located just past the Holiday Tower Condominiums in Sinajana at the top of the hill. Flow is split into the original sewer and relief sewer at SMH 6885. From SMH 6885 to SMH 6897, the relief sewer is active. At SMH 6897, flow is diverted back to the original sewer.
    - v. From SMH 6897 to SMH 6908, the relief sewer is inactive. Although this portion of the relief sewer is inactive, closed-circuit television (CCTV) and manhole inspections have shown inflow and infiltration (I/I) into the relief sewer.
    - vi. Groundwater level will need to be addressed, particularly in areas requiring excavation. Groundwater levels are shown in the profiles.
    - vii. Traffic control will be important for this project being on major routes with several intersections.
    - viii. Given the working environment, dealing with sewage, confined spaces, deep excavation, heavy traffic, the Contractor will need the proper personnel protective equipment and safety plans.
    - ix. In order to provide prospective bidders with enough information to account for existing conditions into their Bids, additional project documents provided in thumb drive include CCTV and manhole inspection data, and all available record drawings.
  - b. Summary of Work
    - i. See Bid Form, in Bid Documents.
    - ii. Base Bid
      - (1) New installation would include 30" PVC sewer, 18" PVC sewer intertie, 12" PVC sewer lateral connection, 1 drop precast sewer manhole, 2 pre cast sewer manholes.
      - (2) Rehabilitation would include CIPP lining in existing 21", 24", 30" and 36" sewer lines, and 14 sewer manholes.
      - (3) Sewer Flow Control/By-passing
      - (4) Asphalt concrete pavement resurfacing per Department of Public Works standards
      - (5) Plugging and abandoning of existing sewer lines
      - (6) Pete reviewed the location of work referencing Attachment 2.
    - iii. Additive Bid

- (1) To account for potential work to control I/I prior to CIPP lining, additive bid includes installation of CIPP part-liner or chemical grouting to existing 21", 24", 30" and 36" sewer lines.
  - (2) Current Area of Potential Effect (APE) defined in the Archaeological Monitoring and Data Recovery Plan for this Project is limited to within the road right-of-way. Additive bid includes additional Archaeological and Cultural Resource Services to add new laydown staging areas outside of the suggested areas or outside the APE for the Project.
5. Permits and Clearances
- a. Successful Bidder shall obtain and pay for all construction permits and clearances
  - b. Permits: Clearing and Grading Permit, Building Permit, Highway Encroachment, Sewer Construction Permit, Dewatering Permit
    - i. Permitting Agencies: DPW, GWA, GPA, GTA, GEPA, PEALS Board, Dept. of Agriculture, GHRD (SHPO),
  - c. Utility Clearances: DZSP21, Docomo Pacific, IT&E, Pacific Data Systems, Tata Communication
  - d. Engineer shall assist Successful Bidder in obtaining permits and clearances.
  - e. Archaeological Monitoring - Archeological monitoring is required by the SHPO and GWA has under contract through AECOM to provide these services. Advance notice is required before commencing any excavation to schedule these services.
6. Bidder Questions
- a. On the Specifications, the folder called Front End Specifications is blank. Is this the folder that includes the Bid documents required for this bid, as they are not included and not to be found anywhere in the technical specifications. Will we be able to get that information to complete the bid packet submission e.g. bid bond requirement, and any notarized documents?  
Response: The Front end documents are the same documents under the "Bid Requirements" folder. Please see 00900 Procurement Checklist for forms to be submitted with your bid.
  - b. Our contractors license is for General Contractor A, B, C11, C17 and C18 – do we need the classification for sewer to be indicated on our license, or are we able to bid without it?  
Response: Your license classifications A and C-17 are fine.

Attachments:

1. Pre-Bid Meeting Attendance Sheet
2. Pre-Bid Meeting Agenda
3. Sewer System Schematic with Project Limits



# GUAM WATERWORKS AUTHORITY

IFB-10-ENG-2017  
ROUTE 4 RELIEF SEWERLINE REHABILITATION AND REPLACEMENT  
GWA Project No. S15-006-EPA

Pre-Bid Conference  
September 8, 2017 – 10:00 a.m. – GPWA Gayu Conference Room

PARTICIPANTS:		
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Randy CALUMBUM / ORION CONST	483-5522	ADMIN@ORION-GUAM.COM

## Agenda

Subject	Pre-Bid Meeting
Date	September 8, 2017
Time	10:00am – 11:00am, ChST
Location	GPWA Gayu Conference Room, Room 201
GWA Project No.	S15-006-EPA
Project Name	Route 4 Relief Sewer Line Replacement and Replacement

1. Introductions (GWA)
  - Solicitation and Pre-Bid Meeting
  - GWA PM
  - Resident Project Representative (CM)
  - Engineer (Designer of Record)
2. Bid Submittal Requirements and Dates (GWA)
  - Bids due September 29, 2017, no later than 3:00pm ChST.
  - Contract time: 450 calendar days
  - Bidder's Statement of Qualification, Section 01 44 00
3. Description of the Project (AECOM)
  - Existing Conditions
  - Summary of Work
  - Base Bid
  - Additive Bid
4. Permits and Clearances
  - Successful Bidder shall obtain and pay for all construction permits and clearances
  - Permits: Clearing and Grading Permit, Building Permit, Highway Encroachment, Sewer Construction Permit, Dewatering Permit
    - i. Permitting Agencies: DPW, GWA, GPA, GTA, GEPA, PEALS Board, Dept. of Agriculture, GHRD (SHPO),
  - Utility Clearances: DZSP21, Docomo Pacific, IT&E, Pacific Data Systems, Tata Communication
  - Engineer shall assist Successful Bidder in obtaining permits and clearances.
  - Archaeological Monitoring - Archeological monitoring is required by the SHPO and GWA has under contract through AECOM to provide these services. Advance notice is required before commencing any excavation to schedule these services.
5. Bidder Questions

Figure 2-1. Sewer System Schematic within Project Limits

