



# Pre-Bid Meeting Minutes

Project: Asan-Adelup-Hagatna, Route 1 Sewer Rehabilitation and Replacement

Subject: Pre-Bid Meeting Minutes

Date/Time: Friday, May 19, 2017 , 10 a.m.

Location: Gayu Conference Room, 2<sup>nd</sup> floor, GWA Fadian office

Attendees: Gloria Bensen (GWA)  
George Watson (B&C)  
Nick Manley (HDR)

*(Meeting was audio recorded)*

## **Introduction to Solicitation and Pre-Bid Meeting - GWA**

- Gloria Bensen introduced the project and confirmed that they will be using the Bid Documents from the Engineering Joint Contract Documents Committee (EJCDC), which is different from the documents previously used.
- Gloria stated that the last date to submit RFI's is May 25, 2017 at 5:00 p.m.
- Gloria introduced George Watson from Brown and Caldwell, who will be the project manager on behalf of GWA, aside from the CM. They are in the process of selecting a CM. She also introduced Nick Manley, the project designer from HDR.

## **Bid Submittal Requirement and Dates - GWA**

- Gloria presented that the bids will be submitted on June 2, 2017, and although a request to extend this date was received, it is not likely that it will be extended. However, contractors may submit an RFI to make a request for an extension, and it will be considered.
- Gloria stated that the contract time for the project is 450 calendar days.
- Gloria stated that this is a US EPA funded project, and additional documentation, such as required by the Davis-Bacon Act and other grant requirements will need to be met.
- Gloria presented that the Addenda will be posted on the website for immediate review, once signed by the general manager.
- Gloria defined that the Bonding and Bid Security is still the same—15% of the total bid amount.
- Gloria offered that if there are any questions, please email her no later than May 25, 2017.
- Gloria stated that the bid documents were on a USB flash drive, because it included the CCTV inspection report. She recommended reviewing and getting familiar with the report.
- Gloria presented that the successful bidder shall submit a list of subcontractors and/or suppliers to the owner within 5 days of the bid opening, for the following portions of the work:
  - The television inspection of sewers
  - Water, steam or ultra-violet cured-in-place-pipe (CIPP)
  - Also, if requested by the owner, such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each subcontractor, supplier, individual or entity.



- If GWA or the engineer (in this case, the designer) has reasonable objection to any proposed subcontractor, supplier, individual or entity, GWA may (before the Notice of Award is given) request apparent successful bidder to submit an acceptable substitute. In which case, apparent successful bidder shall submit a substitute and bidder's bid price may increase or decrease by the difference of cost, and GWA may consider such price adjustment in evaluating bids in making the contract award. If apparent successful bidder declines to make substitution, GWA may award the contract to the next lowest bidder that proposes to use acceptable subcontractors, suppliers, individuals or entities. Declining to make requested substitution will be grounds for forfeiture of the bid security of any bidder (See Instructions to Bidders – Article 12).
- Nick emphasized the importance of paying attention to all the specs, not only the aforementioned, and ensuring that all subcontractors meet the qualifications.

### **Description of Project – HDR**

Nick provided the following description of work:

- **Base Bid**

**Line A Work (SMH 1399Asan to Asan Pump Station)**

1399Asan can be found just west of the driveway that goes to the National Park Service Maintenance Facility, right across from the park.

Work consists of replacement of 18-inch and 20-inch diameter asbestos cement pipe (ACP) gravity sewer lines with new 18-inch and 20-inch diameter polyvinyl chloride (PVC) sewer lines, respectively, reconnecting sewer laterals after new pipe installation is complete, removing and disposing of 18-inch and 20-inch diameter ACP, abandoning 12-inch PVC sewer lines, abandoning manholes, cleaning existing 14-inch, 16-inch, 18-inch, and 20-inch diameter gravity sewer lines and rehabilitating those lines with cured-in-place pipe (CIPP) liner, reinstating sewer laterals after CIPP rehabilitation is complete, rehabilitating manholes, and providing temporary bypassing and traffic control as necessary to complete the replacement and rehabilitation work.

**Line B Work (SMH 13ASAN to SMH 350BHAGA)**

13Asan is just west of Adelup and crosses to the middle of the road of the northbound lanes. 350BHaga is just past the Fonte River in the Pigo Cemetery area.

Work consists of cleaning existing 16-inch and 24-inch diameter gravity sewer lines, cleaning one siphon consisting of two (2) - 18-inch barrels, rehabilitating approximately 16-inch and 24-inch diameter sewer lines with cured-in-place pipe (CIPP) liner, reinstating sewer laterals after CIPP rehabilitation is complete, replacing sewer manhole concrete collars, and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work.

**Line C Work (SMH 398Asan to 355AAsan)**

398Asan is right in front of the Mobil on Route 6.



Work consists of abandoning an existing 12-inch ACP sewer line, installing a new 12-inch diameter polyvinyl chloride (PVC) sewer line, and providing temporary bypassing and traffic control as necessary to complete the work.

- **Additive Bid #1**

**Line B Work (SMH 350AHAGA to SMH 350BHAGA)**

Work consists of rehabilitating one siphon consisting of two (2) - 18-inch barrels and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work.

- **Additive Bid #2**

**Line B Work (SMH 350BHAGA to Hagatna Pump Station)**

Work consists of cleaning existing 24-inch and 27-inch diameter gravity sewer lines, rehabilitation of 24-inch and 27-inch diameter sewer lines with cured-in-place pipe (CIPP) liner, reinstating sewer laterals after CIPP rehabilitation is complete, and providing temporary bypassing and traffic control as necessary to facilitate the rehabilitation work.

### **Work Sequence - HDR**

A work sequence can be found in Specification 01 11 00 and is just GWA's priority of completing the work, and not to prohibit work being done concurrently on lines. The ones listed first are the ones in the worst condition.

### **Permit Clearances - HDR**

HDR has stated the process and

- **DPW Building Permit Clearances** - As stated in Specification 01 11 00, permit clearances have been obtained from the following agencies: Department of Land Management, Guam Waterworks Authority, Guam Power Authority, PEALS Board and Dept. of Agriculture. The selected contractor will be responsible for obtaining the remaining clearances, including Guam Contractor's License Board, Guam EPA, Guam Parks and Recreation (SHPO), DZSP21 and paying for any necessary fees associated with those clearances.
- **DPW Highway Encroachment Permit Clearances** – As stated in Specification 01 11 00, permit clearances have been obtained from the following agencies: Guam Power Authority, Guam Waterworks Authority, Tata Communications (CalPac), Pacific Data Systems and IT&E. The contractor will be responsible for obtaining the remaining clearances, including Guam Parks and Recreation (SHPO), Guam EPA, Guam Telephone Authority, Docomo Pacific, and DZSP21. The Contractor is to provide the required advance notice to each agency for the utilities to be marked in the field prior to excavation.
- Gloria clarified that the Contractor is required to make the necessary payments for clearances, such as DZSP21. According to George, that's about \$3300.
- Nick clarified that Contractors are required to provide the notice to the appropriate utilities for marking their utilities prior to any excavation.
- Gloria clarified Contractor is responsible for payment for the building permit.



- **Archaeological Monitoring** – Archeological monitoring is required by the SHPO and GWA has under contract through HDR to provide these services. Advance notice of at least 72 hours is required before commencing any excavation to schedule these services as stated in note 8 of the General Notes found in the drawings and in Specification Section 01 11 00.

### CCTV Data Collection

- CCTV data collection has been conducted by GWA and HDR.
  - Limited CCTV is available on Line A, portions of Line B around Route 1/6 intersection and no CCTV on the siphon at the Fonte River. Limits have been shown on the plans for Contractor's reference. The limited CCTV is due to the debris level. Cleaning the lines at that time would have been risky, so what is shown is what we were able to get.
  - Bend angles at the siphon are based on assumptions, so that should be taken into consideration for your bid.
  - Full CCTV on the remaining portions of Line B.

### Other Related Work

- Asan Sewer Break Repair – Being performed by Pacific Rim Constructors; There are two breaks, one between manhole 19Asan and 20Asan and the other between 1395Asan and 1396Asan, as noted on the drawings. It is anticipated that the work will be completed prior to this contract getting mobilized.
- DPW Signaling Intersection Improvement Project at Route 1/6. This will be happening around the same time of this project. Line C work cannot be performed until DPW secures the right of way as noted on the drawings.
- IT&E is installing a new cable line in Asan, close to the pump station area. They are using a Docomo Pacific conduit located on the south side of the sewer line.

### Bidder Questions

- Question: Do you have any tentative date to start this project?

Answer: As soon as possible. Pending getting all the contract documentation in place. GWA will request that the responsible bidder start preparing their insurance documents, so GWA can facilitate processing the contract quickly and getting started as soon as possible. Being a US EPA funded project, funds for this contract must be spent by 2021.

- Question: Is this mandatory that we propose a contractor or contractor have the qualification of 1,000 LF requirement?

Answer: Yes. This is why GWA was asking for bidder to carefully review the bid documents, because GWA has a requirement for proof of the qualifications being met to be submitted.

- Question: Do we need to submit the qualifications with the bid?

Answer: Required documentation must be submitted within five (5) business days after the bid, but before the award.



- Question: You have the specifications for pipe repair, CIPP, you have sections for water/steam cured and ultra-violet (UV) cured. Is this three options or just use all of them?

Answer: There are only two options, either water cured or UV cured. It will be the Contractor's choice for which curing method to be used. If the bid documents were not amended to exclude steam cured CIPP, then an amendment will be issued in this regards.

- Question: On a previous bid, when I saw this one, when I ask for quotation off island, they always ask, me what are you going to use, because there are three options. Option or should all bidders have only one options to bid?

Answer: Please submit an RFI for this.

- Question: It is stated in there, that there is a steam option. Are you going to amend that and when will we received the amendment?

Answer: Yes and the amendment was made already, however it must not have been included in the bid documents you received. It will be posted soon.

- Question: Was there additional qualifications for the CTTVing and cleaning?

Answer: Yes. For the TV inspection it's NASSCO. For the cleaning it's just a requirement based on pipe size and experience. Please also pay attention to the bypassing qualifications, as they require GEPA certified operators to be on staff to perform that work.

- **Other Information discussed:**

- Nick explained further that Line A was not able to be CCTV'd through the full length of the pipe, therefore allowance has been made in the bid schedule to perform CCTV for assessment, then providing recommendation back for any work that needs to be done. Additional allowances have been made in the bid schedule for items that may be required do to unforeseen conditions that may be found.
- Gloria offered a site visit—particularly the pump stations. Please submit your request if interested, because access must be coordinated with the operations staff. Site visit will be coordinated as a group.
- Meeting minutes will be uploaded to the website.



# GUAM WATERWORKS AUTHORITY

IFB-06-ENG-2017

ASAN-ADELUP-HAGATNA, ROUTE 1 SEWERLINE REHABILITATION AND REPLACEMENT  
GWA Project No. S15-002-EPA

Pre-Bid Conference

May 19, 2017 – 10:00 a.m. – GPWA Gayu Conference Room

### Participants

### Company

### Email

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