



Pre-Bid Meeting Minutes

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

Subject: Pre-Bid Meeting Minutes

Date/Time: Thursday, November 09, 2017 , 10 a.m.

Location: Procurement Conference Room, 1st floor, GWA Fadian office

Attendees: Gloria Bensan (GWA)
George Watson (B&C)
John Riegel (B&C)
Nick Manley (HDR)

(Meeting was audio recorded)

Introduction to Solicitation and Pre-Bid Meeting - GWA

- Gloria Bensan introduced herself as in charge of procurement and George Watson, Brown and Caldwell, as the project engineer.
- Gloria said this project is a re-bid because the first time they bid only had one bidder and GWA was not able to award the project to the sole bidder.
- RFI questions shall be sent to Gloria Bensan at gpbensan@guamwaterworks.org and copy George Watson at gwatson@brwncald.com, no later than November 17, 2017.

Bid Submittal Requirement and Dates - GWA

- Bid opening is scheduled for November 30, 2017 and the conference room location will be announced at a later date.
- Contract time is still 450 calendar days, same as the previous bid.
- This is a US EPA funded project so there will be a lot of documentation.
- GWA is utilizing EJCDC documents.
- Addendum will be issued and Gloria will email the plan holders, but recommended to check the website as well.
- Bonding and bid security is still 15% of the total bid amount.
- Qualification of bidders with the EJCDC documents is lengthy so please make sure you submit all the qualifications.
- Gloria can provide video footage of the CCTV footage to the bidders on a thumb drive.



Description of Project – HDR

- Nick Manley from HDR introduced himself as the design engineer.

HDR provided the following description of work:

- **Base Bid**

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

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.

- **Additive Bid #1**

Line B Work (SMH 13ASAN to SMH 350AHAGA)

Work consists of cleaning existing 16-inch and 24-inch diameter gravity sewer lines, 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)

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 #2**

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

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

Work Sequence

- HDR explained that in the specifications, HDR has outlined the preferred work sequence and explained it to be the following:



Base Bid

Line A – Sewer Manhole (SMH) 1399Asan to SMH 1396AAsan
Line A – SMH 1396AAsan to the Asan Pump Station

Additive Bid #1

Line B – SMH 13Asan to 350AHaga
Line C – SMH 849Asan to 355AAsan

Additive Bid #2

Line B – SMH 350AHaga to SMH 350BHaga

- HDR added that this work sequence may get modified in a future addendum due to GWA currently making emergency repairs on some of these lines.

Permit Clearances

- HDR explained the following:

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) and paying for any necessary fees associated with those clearances.

DPW Highway Encroachment Permit Clearances has 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.

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 30 00, Section 1.8, Item B.

CCTV Data Collection

- HDR explained that CCTV data collection has been conducted by both 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.



- Contractors can coordinate with Gloria in dropping off a portable electronic storage device to receive those videos as stated and in accordance with Specification 33 01 30.72 and 33 01 30.73 in Section 1.4 Closed-Circuit Television Inspections of both of those specifications.
- Gloria said if anyone would like a copy of the CCTV footage, for them to bring their own thumb drive. George recommended to bring one that can hold at least 32 GB.

Other related work

- HDR explained that there is other associated work in the area currently happening and are as follows:
 - Asan Sewer Break Repair – Two locations being constructed by Pacific Rim Constructors. There is one between manhole 19Asan and 20Asan which is anticipated to be completed within the next couple of weeks and the other between 1395Asan and 1396Asan, which is anticipated to be completed no later than the beginning of December 2017.
 - Other Asan Sewer Break Repairs are completed by GWA and an addendum will be issued in regards to these changes.
 - DPW Signaling Intersection Improvement Project at Route 1/6.

Bidder Questions?

- Question: Are there any asbuilts of the existing sewer line and can we have a copy?
Answer: HDR responded yes.
- Question: Can they have a copy of the sign in sheet?
Answer: GWA responded yes.
- Question: They haven't looked at the drawings yet, but it appears that all the profiles are there for the length of the pipes that need to be installed, correct?
Answer: HDR responded, yes they are there.
- Question: Has the last date of RFIs been communicated?
Answer: GWA and B&C reconfirmed yes and that it will be Friday, November 17th, 2017.
- Question: The contract time is 450 calendar days, does this include the permit time for processing? Some of those are out of control of the Contractor and takes a while.
Answer: HDR and GWA responded yes and GWA explained that some of the clearances have already been secured. HDR explained further that this same process was used for another project, the Asan Sewer Break Repair and the way that went, there was a wait in securing the DZSP21 permit clearance, which took between 1 and 2 months. After that was secured, DPW issued the building permit within a couple weeks. HDR explained that DPW has already



reviewed the plans and are familiar with the project and that HDR has already addressed any comments DPW had. HDR continued to explain, that since most of the clearances have already been obtained, it's just getting the required documents for GEPA prepared and submitted so they can start their process of review.

- Question: Like you said, it takes like two months or 60 days to secure the permit, so that's 60 days from the 450 days contract time?

Answer: GWA said yes and it would be best to apply for clearances from DZSP21 and others while working on the paperwork for the contract. HDR added that the 60 days delay, that was discussed earlier, should not have been that long and the reason is because there was an internal problem with DZSP21. That has since been resolved and should not be a problem with this project.

- Question: This is a re-bid and for 450 days and you said they added some additional work?

Answer: GWA and B&C, both said they removed/decreased some work. GWA stated that with the previous bid, it was for 450 calendar days, but now that the work was removed, it is still 450 calendar days.

- Question: How big of a break was removed from the project?

Answer: HDR clarified the question to be asking how much sewer line was removed from the first bid to the current bid and HDR stated that it was approximately one mile of sewer line that was removed.

- Question: So it says additive that basically is a change then, no additional work? It's just additive bid # on the first page, so it's basically not adding?

Answer: HDR clarified the bidder will provide a cost for each of those base bid, additive #1 and additive bid #2 and based on the pricing of those, GWA will decide if they want to award just the base bid, base bid plus the additive bid #1 or the base bid plus the additive bid #2. B&C clarified that the basis of award will be the base bid, but GWA could choose to award if they decide they want to do those additives. The project will be awarded based on the cost of the base bid.

- Question: On the work sequence, with regards to the base bid, is there a reason we have to do Line "A" sewer line or could we interchange them?

Answer: HDR said the basis behind this, is that the stretch from 1399Asan to 1396AAsan is the worst condition of sewer lines, but as was mentioned earlier, this will change because GWA has done some recent repairs on some of those specific lines. HDR stated there will be an addendum issued on this.

- Question: When was the data collected from the CCTV?

Answer: HDR responded that the dates are shown on the drawings and that data was



collected from February 1st to May 31st of 2016.

- Question: So the condition of the sewer line is probably different?
Answer: B&C said that in some places you will probably see some difference in the lines. Especially in the sections that were pretty bad at that time you will see more deterioration. B&C said that for any work that is line replacement, you're going to have to replace the line anyway, but for any work that is CIPP, or cured in place pipe, you are going to have to CCTV the line beforehand anyway so you will be able to get a condition assessment of the current condition. HDR added that Line "A", that the amount of CCTV that was done was limited, so an inclusion has been made in the bid schedule for that work to be done, so you can identify what else needs to be done.
- Question: What are the chances the November 30, 2017 date will be extended? That is only a little over two weeks, with Thanksgiving in there?
Answer: GWA responded that if they can send in your request to extend and if it is valid, then GWA will consider it.
- Question: Are all the plans included in the project?
Answer: All the plans and specs are in the CD with all bid requirements are also in the CD.
- Question: Will there be a site visit?
Answer: HDR said they can schedule a site visit. Monday, November 13, 2017 at 9:00 a.m. was scheduled and meeting place would be the Asan Pump Station. Directions will be given to all plan holders on where the pump station is at.