



Meeting Summary

414 W. Soledad Ave., Ste 602
Hagåtña, GU 96910

T: 671.300.4232

Prepared for: Guam Waterworks Authority (GWA)
Project Title: Asan-Adelup-Hagatna, Route 1 Sewer Rehabilitation and Replacement- Phase II
Project No.: GWA Project No. S15-002-EPA

Purpose of Meeting: Construction Pre-Bid Conference **Date:** July 1, 2020
Meeting Location: Virtual Meeting – Microsoft Teams **Time:** 10:00 a.m.
Notes Prepared by: Brown and Caldwell (BC)

Attendees:

Gloria Bensen - GWA	Kurt Bilz – Brown and Caldwell
Nick Manley - HDR	John Riegel – Brown and Caldwell
John Valentine II – Ian Corporation	Genjo Dayag - Core Tech Intl
Gemwil Hornijas – Propacific Builder Corp.	Sam Zandofsky – Michels Corp.
Nelson Degala – Hawaiian Dredging Const. Co.	Daren Miller – Insituform Technologies
Glen Davies – HDCC Guam	Darin Fogg – Mocon Corp.
Alexander Ventura - Hawaiian Dredging Const. Co.	Ravindra Gogineni – Infratech Intl.
Alon Elamparo – Core Tech Intl	Naresh Kommi – Infratech Intl.

Notes

- Meeting was initiated at 10:05 am
- Presented by Gloria Bensen, GWA; Kurt Bilz, BC; and Nick Manley, HDR
- Introductions
 - GWA - Gloria Bensen – Lead Procurement Officer
 - Brown and Caldwell (BC) – Kurt Bilz – Project Manager
 - Nick Manley (HDR) – Engineer of Record
- General Information
 - 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.
 - All answers provided by GWA and its representative(s) to Prospective Bidders questions are considered Informal and non-binding.
 - All Prospective Bidders requiring “Formal” answers to their questions must submit their questions in writing to Gloria Bensen, of GWA at: gpbensen@guamwaterworks.org; RFI deadline is July 22, 2020.
 - All Formal answers to Proposers questions shall be via the issuance of an Addendum available at GWA website to ensure that all addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

- Bidders are reminded that this is a Grant funded project - USEPA standards apply, please see Supplementary Conditions for the grant terms and conditions.
- Bid Submittal Requirement and Dates
 - Sealed bids to be received by GWA no later than August 14, 2020 at 3:00 p.m., Chamorro Standard Time at which time bids will be opened.
 - Bids are currently expected to be opened and read per the typical GWA practice. This may need to be adjusted due to the status of the pandemic conditions in place in August. Any change will be advised via addendum.
 - Contract time was stated to be 365 calendar days for the base bid in the meeting, but this was later corrected by a question to be 425 days as noted in Section 00520.
 - RFI questions shall be submitted in writing to GWA no later than July 22, 2020
 - Contractor to make sure you acknowledge all addendums in the bid document.
- Qualifications of Bidders
 - Contractors were pointed to the requirements for qualifications for CIPP work. The requirements are identified in Specification 33 01 30.72 and 33 01 30.73, Section 1.5, Item A and B.
 - There are qualifications for the contractor's and contractor's personnel experience.
 - Additional details are included in the attached presentation.
- Description of Project
 - The project is separated into multiple bid items including the base bid and six additive bid items. The scope of each bid item is described in the attached meeting presentation.
 - Bidders were advised to thoroughly read the measurement and payment clauses when preparing their bid.
 - The project will be awarded on the base bid.
- Permitting
 - Contractor is responsible for all DPW Building Permit Clearances
 - Contractor is responsible for all DPW Highway Encroachment Permit Clearances
 - Archaeological Monitoring – An Archaeological Monitoring and Discovery Plan has been prepared by SEARCH and approved by the SHPO office. Archeological monitoring is required by the SHPO and Contractor is responsible for providing these services, which may include preparing a new Archaeological Monitoring and Discovery Plan as appropriate for SHPO approval
- Ongoing Projects
 - DPW Signaling Intersection Improvement Project at Route 1/6
- **Questions**
 1. Will you post the presentation online?

The presentation has been provided as part of the pre-bid meeting minutes.
 2. Can you send a drawing defining starting and ending points for the base bid and additives?

No drawing has been created that references the start and end points of the base bid and additives. Contractor shall reference the description of the limits defined within the bid form and Spec. 01 11 00 – Summary of Work and compare to the provided drawings to determine where these limits exist.

3. How much of the pipeline does not have CCTV footage and what is the reason? Cleaning has been difficult on other sections of Route 1 with rocks as big as 16” in diameter found in the pipeline because the pipe crown is missing in some areas.

The plan and profile drawings contained within the construction drawing documents shows the limits of CCTV that was collected on each pipeline during the 2015 and 2016 CCTV data collection performed by both GWA and HDR respectively. The most recent CCTV data collection performed by GWA in 2018 for a few of the sewer lines contained within the project limits are not shown on these plan and profile sheets and the Contractor shall review these to determine the limits of collection and condition of the sewer line as of the date of recording. Copies of all CCTV can be obtained by registered bidders by emailing Gloria Bensen at gpbensen@guamwaterworks.org for access to a downloadable link or to arrange for dropping off an external USB drive for copies to be made.

4. Is it required to bid on all base bid items and all additive bid items?

Yes, the Contractor is required to price the base bid and all additive bid items in their bid.

5. How will award of additive bid schedules be made?

Additive bid item schedules will be awarded based on GWA’s available budget and priority of the additive bid item schedules. The additive bid item schedules may be awarded in any combination, and not necessarily in the numerical order listed in the bid form.

6. How recent was the CCTV?

CCTV data that was used for design was collected by GWA from 5/23/15 to 6/7/15 and data that was collected by HDR and our subconsultant, Underground Solutions, Inc., was from 2/1/16 to 5/31/16. Subsequent to this data, GWA collected additional CCTV data in 2018 on 3/8/18 and 3/12/2018 on a few of the sewer lines within the project limits.

7. Where are the top hats going to be?

Top hats will be installed on a pipeline adjacent to Chamorro Village. The top hats will be required to complete work on another project. This information will be provided in an addendum.

8. Has there been a Construction Manager assigned and who is it?

Yes, the Construction Manager is Duenas, Camacho and Associates, Inc.

9. Will there be an option to submit the bid electronically?

At this time there is no option to submit the bid electronically. This could be revisited if the gathering restrictions due to COVID-19 will prevent delivering bids in hard copy form.

10. Will there be MEC clearance required on the open cut?

No, MEC clearance is not required on this project.

11. Spec says additive bids are optional. Did you say we had to bid them all?

Bidders are required to price all additive bids and any failure to bid all additive bid schedules will result in a non-responsive bid determination. Additive bids are to be awarded at GWA's option.

12. Is CIPP going to be designed?

No. The CIPP will not be designed by the EOR, but is required to be designed by the CIPP Contractor based upon the requirements outlined in Spec. 33 01 30.72 and 33 01 30.73.

13. Does GWA have a site and/or location to dispose of debris removed from the lines during the cleaning phase?

Debris disposal has been handled by different methods on different projects. The disposal typically goes to the landfill. GWA will review and advise if specific disposal requirements other than landfilling can be accommodated for the project. (following the meeting it was noted that Contractor is required to dispose of debris properly as outlined in Spec. 33 01 30.41, Section 3.2, Item D.)

14. The Agana Pump Station is below the water level. How much water if any is leaking into the main pipeline.

Based on the previous CCTV, leakage into the pipeline around the Agana pump station was not significant at that time. Contractor is encouraged to review all available CCTV data.

15. Is there an overall budget for the project?

GWA did not identify a budget for the project at this time. This will be reviewed and advised at a later date if possible.

16. Since CIPP will be designed, does it have to be stamped by Local Engineer Practitioner in Guam?

Specification 33 01 30.72 and 33 01 30,73, state that the CIPP design shall be stamped by a Civil Engineer licensed in Guam, unless otherwise approved by the Owner.

17. Section 00520 Article 4 states Base Bid has 425 Calendar Days with each additive adding time. Is this correct or is it the 365?

The correct contract time is as stated in Spec. 00520, Section 4.02, which is 425 calendar days.

18. Are all of these questions going to be answered in the meeting minutes or does a separate RFI need to be generated for the questions asked today?

The questions will be answered in the meeting minutes and any items that require a change in the contract documents will be addressed via addendum.

19. Can the Asan pump station stop pumping to the line and if so how long can the stoppage be?

The Asan pump station can be stopped for some period of time, but the exact duration will be dependent on the system conditions at the time of the request and is not known at this time. We will talk to GWA Operations about the requirements for stopping this pump station and provide via addendum.

20. The section under the river requires a bend in the CIPP. Will the designers relax the tolerance on the wrinkles.

The investigation of the siphon will be completed under the Route 1 – Phase I project and is not expected to be available prior to the bid deadline for Phase II. It is understood that wrinkles will form based upon the angle in the siphon. The Contractors should bid the Phase II work based on the information included in the drawings.

Meeting adjourned at 10:57 am.

Asan-Adelup-Hagatna, Route 1 Sewer Rehabilitation and Replacement- Phase II – Pre-Bid Conference

IFB-06-ENG-2020
July 1, 2020



GUAM WATERWORKS AUTHORITY



Preliminary Items

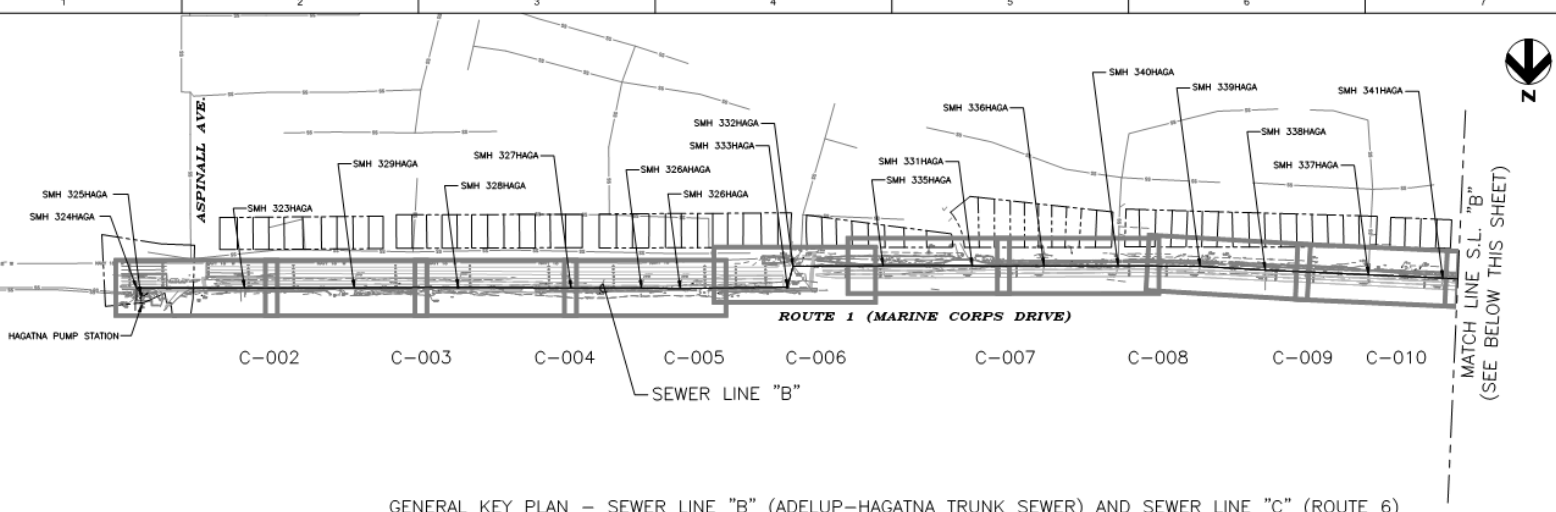
- Mute microphones, Video off
- Introductions
 - Gloria Bensen - GWA Engineering Procurement/Contracts
 - Kurt Bilz – Brown and Caldwell – Project Manager
 - Nick Manley – HDR – Engineer of Record
- Site visit at 1:30 this afternoon
- Roll call / site visit confirmation

Bidding Details

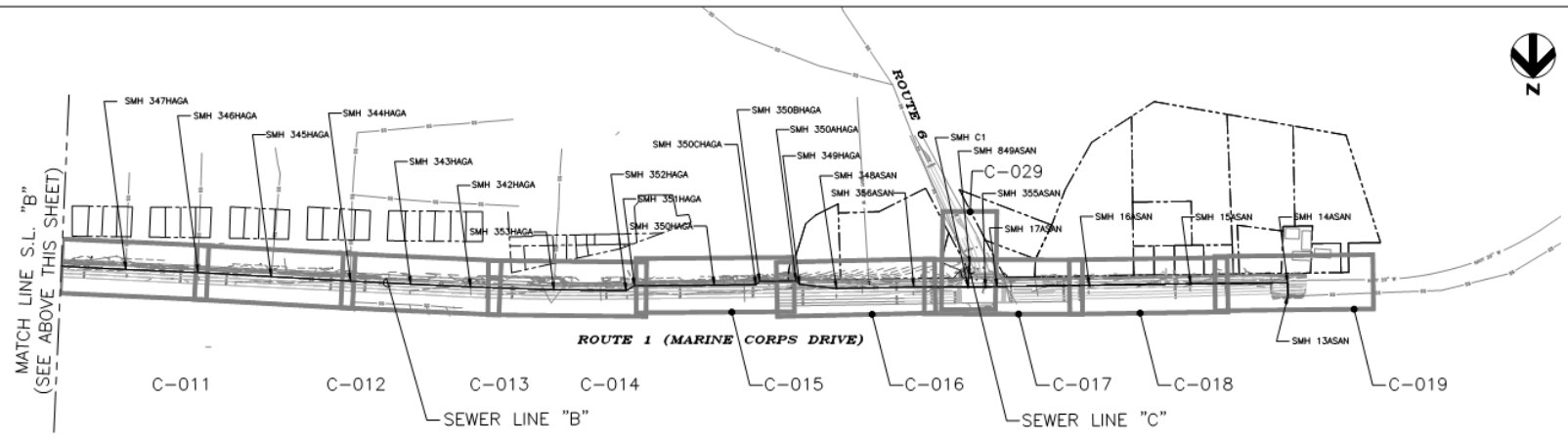
- Bid Submittal Requirement and Dates
 - Sealed bids to be received by GWA no later than August 14, 2020 at 3:00 p.m., Chamorro Standard Time at which time bids will be opened.
 - Contractors to schedule with Gloria Bensen at GWA for dropping of bids. Subject to change as COVID-19 Government response changes.
 - Exact Bid opening location at GWA and any COVID-19 precaution procedures, will be announced in an addendum.
 - Contract time is 365 calendar days for the base bid.
 - Addenda
 - RFI questions shall be submitted in writing to GWA no later than July 22, 2020
 - **Submit RFI to Gloria Bensen at gpbensen@guamwaterworks.org**
 - Contractor to make sure you acknowledge all addendums in the bid document.
 - Procurement Checklist

Qualifications of Bidders

- **Specification 33 01 30.72 and 33 01 30.73, Section 1.5, Item A and B define the requirements**
 - **Contractor**
 - **Successfully completed 100,000 linear feet and/or 300 line segments of CIPP liner into sewer main host pipes of 18-inch or larger diameter.**
 - **Contractor Personnel**
 - **1 qualified CIPP Work supervisor**
 - **3 Successfully completed projects performed in US or it's Territories as direct supervisor.**
 - **Successful installation of a minimum of 30,000 linear feet and/or 100 line segments of CIPP liner into host pipes of 18-inch or larger diameter.**
 - **1 qualified CIPP Work crew member**
 - **Field experience on a minimum of two (2) successfully completed CIPP liner projects performed in the US or it's Territories.**
 - **Each CIPP liner project shall have installed a minimum of 10,000 linear of CIPP liner.**
 - **1 qualified Lateral reinstatement remote cutter operator.**
 - **Performed a minimum of 50 successful lateral connection reinstatement by remote cutter on CIPP liner projects performed in the US and it's Territories.**



GENERAL KEY PLAN - SEWER LINE "B" (ADELUP-HAGATNA TRUNK SEWER) AND SEWER LINE "C" (ROUTE 6)
SCALE: 1" = 200'



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SCALE: 1" = 200'

LEGEND:

☐ PHASE II SHEET LOCATION AND SHEET NUMBER

— SEWER LINE



ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	N MANLEY
DESIGNED BY	E OKAMURA
DESIGNED BY	M CHOI
CHECKED BY	R ABE
DRAWN BY	F SIDRO
DRAWN BY	BYAMASAKI
DRAWN BY	Y BRIGON
DATE	MAY 2020
PROJECT NUMBER	10026963

THIS WORK WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.

GUAM WATERWORKS AUTHORITY

ROUTE 1 SANITARY SEWER LINE REHABILITATION AND REPLACEMENT (ASAN-ADELUP-HAGATNA) - PHASE II

GENERAL KEY PLAN - SEWER LINE "B" (ADELUP-HAGATNA TRUNK SEWER) AND LINE "C" (ROUTE 6)

0' 100' 200' 400' FILENAME: 01G-006.dwg SHEET: **G-006**

SCALE: 1" = 200'

Description of Project

- **Base Bid**
 - **Line B Work (SMH 13Asan to SMH 350AHaga and SMH 350BHaga to SMH339Haga)**
 - Work consists of cleaning and rehabilitating existing 16-inch, 24-inch and 27-inch diameter gravity 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.
- **Additive Bid #1**
 - **Line B Work (SMH 339Haga to SMH 335Haga)**
 - Work consists of cleaning and rehabilitating existing 27-inch diameter gravity sewer lines with cured-in-place pipe (CIPP) liner, replacing sewer manhole concrete collars, and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work.
- **Additive Bid #2**
 - **Line B Work (SMH 335Haga to SMH 327Haga)**
 - Work consists of cleaning and rehabilitating existing 27-inch diameter gravity sewer lines with cured-in-place pipe (CIPP) liner, replacing sewer manhole concrete collars, and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work.

Description of Project

- **Additive Bid #3**
 - **Line B Work (SMH 327Haga to SMH 323Haga)**
 - Work consists of rehabilitating existing 27-inch diameter gravity sewer lines with cured-in-place pipe (CIPP) liner, replacing sewer manhole concrete collars, and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work. the rehabilitation work.
- **Additive Bid #4**
 - **Line B Work (SMH 323Haga to Hagatna Pump Station Wetwell)**
 - Work consists of rehabilitating existing 27-inch diameter gravity sewer lines with cured-in-place pipe (CIPP) liner, replacing sewer manhole concrete collars, and providing temporary bypassing and traffic control as necessary to complete the rehabilitation work.
- **Additive Bid #5**
 - **Line C Work (SMH 849Asan 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.

Description of Project

- **Additive Bid #6**
 - **Line B Work (SMH 350AHAGA to 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.

AWARD OF PROJECT

- Award will be based upon the base bid, however GWA reserves the right to include any additive bid item and in any combination for a complete award at their discretion.

Permitting and Other

- **Contractor responsible for all DPW Building Permit Clearances**
- **Contractor responsible for all DPW Highway Encroachment Permit Clearances**
- **Archaeological Monitoring** – An Archaeological Monitoring and Discovery Plan has been prepared by SEARCH and approved by the SHPO office. Archeological monitoring is required by the SHPO and Contractor is responsible for providing these services, which may include preparing a new Archaeological Monitoring and Discovery Plan as appropriate for SHPO approval.

Permitting and Other

CCTV Data Collection - Nick

- CCTV data collection has been conducted by GWA and HDR.
 - Contractors can coordinate with GWA in dropping off a portable electronic storage device (Minimum 32gb) 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.
 - Data is also available via a download link, but due to file size, download can take a long time.

Other related work

- DPW Signaling Intersection Improvement Project at Route 1/6.
- Addendum will be issued to cover top hats.

Site Visit

- **Meet at Governors Complex at Adelup at 1:30**
- **PPE for Site Visit**
 - **Face masks**
 - **High Visibility vests and hardhats**
 - **Maintain social distancing**

QUESTIONS?

