



**GUAM WATERWORKS AUTHORITY**  
 Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913  
 P.O. Box 3010, Hagåtña, Guam 96932  
 Tel. No. (671) 300-6846/48 Fax No. (671) 648-3290

**Asbestos Cement Pipe (ACP) Waterline Replacement-Construction  
 GWA Project No. 12310  
 IFB-04-ENG-2026  
 GWA RFI Response No. 1 to Inquiries**

This Addendum and/or Response to Request for Information (RFI) is issued to modify the previously issued IFB documents and/or given for informational purposes and to the extent the responses below modify the IFB documents, please treat them as an amendment to the IFB. The following responses are in response to RFIs received.

	DATE	QUESTION/INQUIRY AS SUBMITTED:	GWA RESPONSE:
1	5/27/26	<p>Hi,</p> <p>Please see below RFI for the above mentioned IFB:</p> <p>The current IFB documents specify the use of CTPS methodology for this proposal. Is GWA open to alternative technologies that would allow internal pipe rehabilitation (e.g., epoxy lining) without requiring excavation and removal of the existing pipes?</p>	<p>All bidders shall bid the CTPS methodology as specified and shown in the Contract Documents. Requests for deviation from the Contract Documents may be submitted by the Contractor at its own risks after award for consideration by GWA.</p>
2	5/29/26	<p>Invitation For Bid: IFB-04-ENG-2026                      Project: Asbestos Cement Pipe (ACP) Waterline Replacement-Construction, GWA Project No. 12310                      Bid Due Date: July 2, 2026                      Specification Section: Horizontal Directional Drilling (HDD)</p> <p><b>1. Notice to Proceed</b></p> <p>Please confirm whether funding has been secured for this project and whether Guam Waterworks Authority anticipates issuing a Notice to Proceed upon award.</p> <p><b>2. RFI – HDD Obstructions and Differing Site Conditions</b></p>	<p>Yes, funding is secured and GWA anticipates issuing a Notice to Proceed upon award.</p>



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	<p>Reference: Specification Section 1.10.B                  Specification Section 1.10.B states:                  “Do not use horizontal directional drilling in rock stratum or subsoil consisting of boulders and underground obstructions that impede the process.”                  Please clarify the intended procedure if rock, boulders, coral, limestone, buried debris, underground obstructions, utilities, or other conditions that impede HDD operations are encountered during construction.                  Please also clarify whether such conditions will be treated as differing site conditions entitling the Contractor to additional compensation and schedule extension.                  Specifically, please clarify:</p> <ul style="list-style-type: none"> <li>• responsibility for failed or abandoned bore attempts;</li> <li>• responsibility for removal or pullback of drill rods/tooling;</li> <li>• responsibility for abandonment, grouting, or flowable fill of partially completed bores;</li> <li>• responsibility for redesign or revised bore alignment;</li> <li>• responsibility for additional pits or excavations; and</li> <li>• whether such conditions will be treated as differing site conditions entitling the Contractor to additional compensation and schedule extension.</li> </ul> <p><b>3. RFI – HDD River Crossing Alignment Tolerances</b></p> <p>Reference: Specification Section 3.3.A.2.b                  The HDD specifications require:</p> <ul style="list-style-type: none"> <li>• vertical alignment tolerance of ±0.5 foot;</li> <li>• horizontal alignment tolerance of ±1.0 foot;</li> </ul> <p>while also stating not to use HDD in rock stratum, boulders, or underground obstructions that impede the process.                  The Contract Documents also require HDD river crossings and require HDD qualifications demonstrating prior drilling experience in coral stone/limestone conditions.</p>	<p>Contractor is to assume that the pipe route shown does not go through rock stratum or subsoil consisting of boulders and underground obstructions that impede the process.                  Refer to Specification Section 3.3.C <i>Drilling Obstructions</i> and 3.3.B.2.c.2.                  If rock, boulders, coral, limestone, buried debris, underground obstructions, utilities, or other conditions that impede HDD operations are encountered during construction such conditions will be treated as differing site conditions entitling the Contractor to additional compensation and schedule extension.</p> <p>This requirement is to verify that the Contractor has experience if coral stone/limestone is encountered.</p>
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	<p>Please clarify the intended allowable tolerances and alignment adjustment procedure if rock, coral, limestone, cobble, boulders, or underground obstructions are encountered during HDD operations and cause bore path deflection requiring gradual steering correction to return to alignment.</p> <p><b>4. RFI – HDD "Optional Installation Method" Clarification</b></p> <p>Reference: Specification Section 3.3.C.3          Specification Section 3.3 states:          “Withdrawals, abandonments, and restarts are at no additional costs to the Contract when horizontal directional drilling is provided as an option of installation of pipe.”          Please clarify whether the two HDD river crossings are considered “an option of installation of pipe” as referenced in Specification Section 3.3 regarding withdrawals, abandonments, and restarts at no additional cost to the Contract.</p> <p><b>5. RFI – HDD Verification Test Pits</b></p> <p>Reference: Specification Section 3.3.A.6.b          Specification Section 3.3.A.6.b requires excavation of a minimum of four test pits spaced along the first 50 feet of bore to verify required accuracy.          Please clarify whether this requirement applies to the two HDD river crossings. If so, please provide the intended test pit locations and access requirements.</p> <p><b>6. RFI – HDD Horizontal Alignment Requirements</b></p> <p>Reference: Specification Section C.4 and Section 3.3.A.2.b(2)          Specification Section C.4, Drilling Obstructions, states:          “For conditions requiring more than 3 feet of deviation in horizontal alignment, submit revised Shop Drawings to Engineer for approval before resuming work.”          However, Specification Section 3.3.A.2.b(2) requires a horizontal</p>	<p>If rock, boulders, coral, limestone, buried debris, underground obstructions, utilities, or other conditions that impede HDD operations are encountered during construction such conditions will be treated as differing site conditions and the specified tolerances will not apply.</p> <p>Delete Specification Section 3.3.B.3. HDD is not provided as an option of installation of pipe.</p> <p>Modify Specification Section 3.3.B.6. to require two test pits spaced along the first 25 feet of bore to verify required accuracy. Contractor shall follow OSHA requirements for safe pit access as needed.</p>
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		<p>alignment tolerance of <math>\pm 1.0</math> foot.                  Please clarify whether an Engineer-approved revised bore alignment exceeding the <math>\pm 1.0</math> foot horizontal tolerance is permitted under Section C.4 and whether the approved revised alignment supersedes the tolerance requirements of Section 3.3.A.2.b(2).  <b>7. RFI – HDD Design Basis</b></p> <p>Reference: Specification Section 3.3.A.1                  Specification Section 3.3.A.1 requires the Contractor to determine drilling length and equipment pull strength for the type of soil encountered.                  However, no geotechnical report, boring logs, or subsurface investigation information has been provided to bidders.                  Please identify the subsurface information bidders are intended to rely upon for design and pricing of the HDD river crossings, including anticipated soil, coral, limestone, rock, groundwater, and obstruction conditions.</p>	<p>The +/- tolerance of 1' applies to normal drilling conditions. Section 3.3.C.4 is for encountering obstructions and differing site conditions. If an obstruction is encountered and the deviation to go around the obstruction is expected to be greater than 3', then a plan/shop drawing needs to be submitted. The revised alignment supersedes the tolerance requirements of Section 3.3.A.2.b. See 3.3.B.2.c.</p> <p>A geotechnical report, boring logs, and subsurface investigation report are pending and will be provided to the Contractor when completed.</p>
3	6/3/26	<p>Invitation For Bid: IFB-04-ENG-2026                  Project: Asbestos Cement Pipe (ACP) Waterline Replacement-Construction, GWA Project No. 12310                  Bid Due Date:                  July 2, 2026</p> <ol style="list-style-type: none"> <li>The CTPS licensing guidance states that new crews should not assume production in excess of 350 LF per pull.</li> </ol> <p>The design includes entry and exit pit locations resulting in pull lengths exceeding 350 LF. Given that CTPS is a proprietary installation method requiring Azuria certification and training, it is anticipated that contractors bidding this project will be newly trained CTPS installers. Please clarify whether bidders are to base their bids on the pit locations and pull lengths shown on the Contract Documents or anticipate additional pits, excavations, or</p>	<p>The Contractor shall provide the pits as needed for licensing and to perform the CTPS.</p>



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		<p>modifications necessary to comply with the CTPS licensing guidance.</p> <p>2. Please identify and provide any available as-built drawings or other documentation showing existing metallic or non-fracturable appurtenances or other items that cannot be processed by CTPS within the proposed CTPS segments and must be exposed and removed prior to installation.</p> <p>3. What is the anticipated Notice to Proceed date?</p>	<p>As-builts can be provided. There are no records for repair clamp locations.</p> <p>Refer to the General Conditions, Article 4, Paragraph 4.01 of the Contract Documents regarding Notice to Proceed.</p>
4	6/9/26	<p>Must the CTPS / HDD installer hold a Guam contractor license directly, or may the work be performed under the license of the prime contractor?</p>	<p>Yes, the CTPS/HDD contractor/subcontractor must have a C-63 specialty license from the Guam Contractors License Board.</p>

Bidders are also notified to visit GWA website: [www.guamwaterworks.org/bids](http://www.guamwaterworks.org/bids) to ensure that addenda to the IFB, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

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 Miguel C. Bordallo, P.E.  
 General Manager