



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

Invitation To Bid: IFB-06-ENG-2025

Project: Malojloj Tank Major Repairs w/ Roof Replacement and Center Column
GWA Project No. W19-003-BND

Addendum No.: 02

Date: April 11, 2025

All Potential Bidders:

This addendum is issued to modify the previously issued bid documents and/or given for informational purposes and is hereby made a part of the bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of the bidder's proposal.

1. **Section 00100 – Invitation to Bid** and other sections of the bid documents where applicable.
 - a. Bid Submission deadline has been extended from April 17, 2025, 10:00 a.m. ChST **to April 22, 2025, 10:00 a.m. ChST.**
 - b. Submit one original and one copy of bid documents.
2. **Section 00410 – Bid Form with Attachment** Agreement shall be replaced in its entirety with the following revision Form 00410 Agreement_Addendum No. 2 herein attached.

Bidders are also notified to visit the GWA website: www.guamwaterworks.org to ensure that addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

Christopher M. Budasi
Acting General Manager

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BID FORM

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BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15 Mangilao, Guam 96913

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER’S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined, carefully studied, Bidding Documents, Instructions, and related data identified in the Bidding Documents and has received and acknowledged any and all Amendments, Addenda, or Responses to Request(s) for Information issued from this Bid. At the time of bid submission, all Amendments, Addenda, RFI’s issued, and RFI Responses shall be listed by Bidder utilizing a form similar to the table below.

Addendum No.	Addendum Date		RFI Response No.	RFI Response Date

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder’s judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s): **See attached Attachment 1 – Unit Price Bid Form**

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, to be determined and as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

- A. Required Bid security in the form of _____.
- B. List of Proposed Major Suppliers and Sub-Contractors;
- C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service, other): _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____
E-mail address: _____

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture:____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)

Attachment 1 – Unit Price Bid Form

TABLE A - GENERAL WORK REPAIR BID SCHEDULE				
Item No.	Description	Quantity	Unit	Amount
1.00	General Work			
1.01	Mobilization and Demobilization (not to exceed 5%)	1	LS	
1.02	Insurance and Bond (1%)	1	LS	
1.03	Permits	1	LS	
1.04	Project Documentation	1	LS	
1.05	Project Management	1	LS	
	Subtotal	1	LS	

TABLE B - MAJOR TANK REPAIR WORK REPAIR BID SCHEDULE					
Major repair work for the Malojloj Tank was determined after GWA's Inspector performed a full API-653 inspection. The API-653 inspection was conducted by Island Certs Corp for the Malojloj Tank with reference report dated August 02, 2024, Report No. OOSI080224-01.					
Item No.	Description	Quantity	Unit	Unit Cost	Amount
6.00	Malojloj - 1.0 MG (Diameter = 66', Height = 41')				
6.01	Concrete Ring Foundation: Remove vegetation and repair minor damaged concrete spalls and cracks around the tank perimeter concrete ring foundation and prep and restore with approved concrete repair resurfacer.	220	LF		
6.02	Projection Plate (chime) Grout In-Fill: Remove/repair concrete spalls below tank projection plate (chime) and in-fill with non-shrink grout and apply NP1 sealant to underside of projection plate.	210	LF		
6.03	Anchor Bolts and Chair Assembly: Cut-off and remove all existing anchor bolt (1-1/4" dia. bolts/nuts/washers) and chair assemblies (99 total) and install/replace w/ new anchor bolt (1-1/4" dia. x 4' HDG bolts/nuts/washers) and chair assemblies (60 total equally spaced) to include LBP Abatement on existing assembly. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	60	EA		
6.04	Exterior Surface Coating (Existing): Complete exterior surface coating on existing tank, pressure wash (Note: Per IHP Lead Paint Testing Results, dated July 9, 2024 all tank exterior and appurtenances contain Lead-Based Paint), prep, clean, and apply polyurethane coating on the areas with an existing coating (tank shell, anchor chairs	13,500	SF		

	assembly, exterior access ladder assembly, overflow pipe, exterior floor chime/drip ring, and all other tank appurtenances that require coating). Perform requires NDT and carry out a Dry Film Thickness (DFT) Test as per SSPC PA 2 after the curing period and perform other acceptable coating tests.				
6.05	Exterior Surface Coating (New): Complete exterior surface coating on new tank roof, pressure wash, prep, clean, and apply polyurethane coating on the areas of the new roof top and roof knuckles to include the new access roof hatch and roof vent assemblies. Perform requires NDT and carry out a Dry Film Thickness (DFT) Test as per SSPC PA 2 after the curing period and perform other acceptable coating tests.	4,500	SF		
6.06	Exterior Weld Repairs: Exterior repair welds and puddle welds on south side of tank's 4th shell course near the external vertical ladder flush ground to match surrounding surface and install 4"x4" patch plate. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.07	Interior Shell Surface Coating: Abrasive blast, clean to remove all adhering corrosion scales and complete interior shell surface coating, inner ring wind girder, overflow pipes and weir box and all other tank appurtenances that requires coating. Perform requires NDT and carry out a Dry Film Thickness (DFT) Test as per SSPC PA 2 after the curing period and perform other acceptable coating tests.	10,500	SF		
6.08	Interior Shell Weld Repairs: Perform weld overlay repair on severely corroded 1st course internal vertical welds 1V1 (WR1), 1V2 (WR2), 1V3 (WR4 and other weld repair areas WR3, WR5 thru WR9 (8 LF/ refer to API Report).	10	LF		

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Bid Form_Addendum No. 2

	Included the isolated pitting corrosion (0.10" ~ 0.25") noted on 1st-course shell plate 1v4 (PW10) to 1v5(PW14), near shell-to-bottom welds at 3"x 5 locations (1.5LF pe API Report). Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.				
6.09	Overflow Exterior Assembly: Remove/replace severely corroded 8" dia. overflow DI pipe flanged elbow assembly (to include HDG bolts/nuts/washers) adjacent to the concrete ring foundation complete to match existing in-kind. Remove/replace overflow interior weir box assembly (see Bid Item No. 6.19a). Perform hydrostatic pressure testing on the 8" Ø Overflow underground line after completion of Scope Item 6.49 to ensure tightness of the overflow piping system. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.10	Overflow Interior Assembly: Remove existing overflow interior weir box assembly and install new overflow assembly at new overflow level 31' above the existing tank finish floor. Perform hydrostatic pressure testing on the 8" Ø Overflow underground line after completion of Scope Item 6.41 to ensure tightness of the overflow piping system. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.11	Inlet Pipe Assembly: Remove severely corroded 12" dia. inlet pipe MJ coupler and replace with new 12" dia. DI pipe flanged coupler to include removal/replacement of top and bottom 2-12" dia. DI pipe flanged elbows (to include HDG bolts/nuts and washers), prep and coat entire inlet assembly. As part of this scope, demolish existing concrete vault and backfill to grade and provide 2'x2'x6"	1	LS		

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Bid Form_Addendum No. 2

	thick concrete collar around DI pipe at grade. Inlet assembly to include new pressure / level gauge mounted at top of the assembly. Perform hydrostatic pressure testing on the inlet line to ensure the tightness of the piping system.				
6.12	Outlet Pipe Assembly: Remove severely corroded 12" dia. outlet pipe MJ coupler and replace with new 12" dia. DI pipe flanged coupler to include removal/replacement of top and bottom 2-12" dia. DI pipe flanged elbows and 12" DI gate valve (to include HDG bolts/nuts and washers), prep and coat entire outlet assembly. As part of this scope, demolish existing concrete vault and backfill to grade and provide 2'x2'x6" thick concrete collar around DI pipe at grade. Perform hydrostatic pressure testing on the inlet underground line to ensure the tightness of the piping system.	1	LS		
6.13	Exterior Access Ladder Assembly: Prep, recondition and coat existing exterior access ladder and ladder cage to remain; install new security ladder access guard with lockable hinge access gate and install OSHA required fall protection system complete. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.14	Interior Access Ladder Assembly: Remove/replace interior access ladder assembly complete in-place, prep and coat and install new OSHA required fall protection system complete. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.15	Exterior Roof Top Plate: Remove entire existing roof top plates to include the roof top knuckle plates (3/16" thick) to include LBP Abatement and disposal and replace with	4,500	SF		

	new 1/4" thick plates complete. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.				
6.16	Interior Roof Surface Coating: Prep, clean and coat complete interior newly installed roof top plates to include roof knuckles, roof frame support beams, center crow's nest and center column and other tank appurtenances on the interior roof that requires coating. Perform requires NDT and carry out a Dry Film Thickness (DFT) Test as per SSPC PA 2 after the curing period and perform other acceptable coating tests.	1	LS		
6.17	Interior Existing Roof Frame Removal: Remove entire roof frame truss system to include the roof top center truss support complete to include disposal: Existing roof Purlins/Roof Horizontal Braces/Truss Verticals/Truss Diagonals = MC4x13.8 @ 1,272 LF; Truss Top Cord = MC6x16.3 @ 264 LF; Truss Bottom Cord/Truss to Truss Diagonal Braces = MC6x12 @ 424 LF; Truss Plate Connections 2'x2'x1/2" @ 48pcs; roof top center truss support complete = 2000 lbs. HDG 5/8" dia. bolts/nuts/washers incidental to cost. (Note: Existing roof frame components are estimates based on field inspections to assist in the approximate total weight for bidding.)	1	LS		
6.18	Interior New Roof Frame System w/ Center Column Support: Install new roof frame system to include roof rafters, diagonal rafter supports, center crow's nest assembly, and center column pipe support to include columns base plate assembly complete in-place. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		

6.19	Roof Top Access Manway: Remove/Replace existing roof top access manway (2 each) to include interior manway gasket, clean, prep, and coat complete in-place. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	2	EA		
6.20	Miscellaneous Roof Top Appurtenances: Remove and dispose of the following miscellaneous roof top appurtenances; tank level indicator gauge and its components complete; solar panel assembly and its components (to include battery disposal) complete.	1	LS		
6.21	Roof Top Access Ladder Landing Platform and Railing: Prep, recondition and coat existing exterior roof top landing grating platform to remain and remove/replace roof top railing, prep and coat and re-attach to new tank top plate. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.22	Interior Bottom Surface Coating: Abrasive blast, clean to remove all adhering corrosion scales and complete interior bottom surface coating, and all other tank appurtenances that requires coating. Perform requires NDT and carry out a Dry Film Thickness (DFT) Test as per SSPC PA 2 after the curing period and perform other acceptable coating tests.	3,800	SF		
6.23	Bottom Plate Weld Repairs: Repair all seeping and severe weld corrosion tank bottom lap welds and shell-to-bottom weld by weld overlay (105 locations Per API Report), prep and coat. Perform required NDT and visually inspect all bottom lap welds and shell-to-bottom weld repairs. Perform vacuum box tests on the entire bottom lap welds and shell-to-bottom weld (VBT flat and corner) to detect any potential defects and leaks. Additionally, welds shall	140	LF		

	be examined by MT/PT to verify the presence of cracks and other anomalies.				
6.24	Bottom Plate Patch Plate Repair: Repair pitting corrosion on tank bottom plate by welded-on patch plates (14 locations per API Report). Perimeter welds on welded-on patch plates within the critical zone shall be a two-pass minimum. Provide NDT and Visually inspect all welded-on patch plates and perform vacuum box tests (VBT flat and corner) to detect any potential defects and leaks. The tombstone patch at the critical zone requires additional inspection; existing shell-to-bottom welds that will be under a patch plate, plus 6 in. on each side shall be examined by MT/PT; the root and final weld pass shall be examined by MT/PT. Additionally, the flush ground area shall be examined by MT/PT to verify the presence of cracks and other anomalies.	14	EA		
6.25	Bottom Plate Puddle Weld Repair: Repair pitting corrosion on tank bottom plate by puddle welding (47 locations per API Report...assume 3"x3" per location). All puddle welds shall be ground flush to the floor plate. Provide NDT and visually inspect all puddle weld repairs and perform vacuum box tests (VBT flat and corner) to detect any potential defects and leaks. Additionally, the flush ground area shall be examined by MT/PT to verify the presence of cracks and other anomalies.	47	EA		
6.26	Tanks Floor Drain: Clean, prep and recondition existing 8" dia. tank floor drain and silt stopper complete.	1	EA		
6.27	Tank Float Level Indicator: Remove tank float indicator assembly and pipe entry ports at roof top and seat openings at roof top with patch plates.	1	LS		
6.28	Task Name Plate: Provide a 316 stainless steel metal nameplate with the information described in API 650 Sec. 10.1 or Api 653 Sec. 13.1.	1	EA		

6.29	Roof Top Tank Vent: Remove/Replace existing roof top tank vent assembly to include clean, prep, and coat complete in-place. Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.30	LBP Abatement: Per IHP Lead Paint Testing Results, dated July 9, 2024 all tank exterior and appurtenances contain Lead-Based Paint (LBP). Provide LBP Abatement for all affected areas requiring new and repair work.	1	LS		
6.31	Lead Air Monitoring and Clearance Program: Provide Lead Abatement Plan and Air Monitoring and Clearance by a Certified Industrial Hygiene Professional (IHP).	1	LS		
6.32	Dehumidification Equipment: Provide Dehumidification Equipment for interior coating to include mobilization and de-mobilization, power bills, consumables and equipment rental and maintenance.	1	LS		
6.33	Dehumidification Equipment Power Supply: Site temporary GPA Electrical power to supply 480V 3Phase for Dehumidification Equipment.	1	LS		
6.34	30" Access Manway: Remove existing 24" Access Manway #1 and replace with 30" Access Manhole complete (to include manway nozzle, cover plate, cover handle, cover hinge, stainless steel bolts/nuts/washer, cover gasket, reinforcement plate with telltale holes and corrosion-resistant metal nameplate (see Item 6.36). Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	1	LS		
6.35	Inlet Valve Vault Assembly: Remove/replace 3-12" dia. DI Flanged Gate Valves and 1-12" dia. DI Flanged Altitude Valve (to include HDG bolts/nuts/washers), prep and coat entire valve assembly. As part of this scope, remove/replace Level Sensing Line complete in-place (see	1	LS		

	6.38 for thread-o-let scope), remove existing open grate cover and replace with New Bilco Aluminum Double Leaf Hatch (see Item 6.36) complete in-place with existing concrete vault to remain. Perform hydrostatic pressure testing on the inlet underground line to ensure the tightness of the piping system.				
6.36	Inlet Valve Vault Double Leaf Aluminum Hatch (H20): Provide Bilco Aluminum Hatch (60" x 60" H20) clear opening with double leaf style door rated for H20 loading to include modification/reconstruction of existing concrete valve vault top to accommodate the new hatch assembly.	1	LS		
6.37	Tank Drain Valve Vault Single Leaf Aluminum Hatch (H20): Provide Bilco Aluminum Hatch (42" x 42" H20) clear opening with single leaf style door rated for H20 loading to include demo of existing concrete valve vault and reconstruction of new 48" x 48" concrete drain valve vault and removal/replacement existing 8" dia. DI flanged gate valve (to include HDG bolts/nuts/washers), prep and coat entire drain valve assembly.	1	LS		
6.38	Tank Thread-O-Let: Remove existing tank thread-o-let and replace with 2-new thread-o-lets with one 1" dia. thread-o-let to include a SSTL nipple and SSTL Ball Valve to be used for the level gauze connection (optional location) and the second 1" thread-o-let for the sensing line (both locations to be field verified). Perform required NDT and all welds shall be visually inspected and examined by MT/PT to verify the presence of cracks and other anomalies.	2	EA		
6.39	Tanks Cathodic Protection: Install New Cathodic Protection System complete to include 16 anode handholes with 20 anodes, and with rods suspended from the roof on two (2) radii which will include the CP system	1	LS		

	design and system components, DC wiring within the tank to include 1-visit/ travel by NACE CP certified for the inspection and commissioning complete with CP Panel Board and panel structural support to be install near or beside the exterior ladder. This system includes Electrical Panel enclosure and pedestal are to be installed near the exterior ladder.				
6.40	Tank Grounding: Install new tank grounding system to include all appurtenances requiring grounding complete in-place.	1	LS		
6.41	Damaged Drain Line and Headwall: Provide exploratory dig at damaged drain line location and make necessary repairs to the broken section of drain line discovered. Also included with this scope, repair damage to existing concrete headwall complete.	1	LS		
6.42	Tank Interior Cleaning and Disinfection: Furnish all materials, labor, equipment, and appurtenances to pressure wash entire interior after repairs and disinfect the tank per AWWA C652. Disinfection must be monitored by an AWWA Certified Water Distribution Operator.	1	LS		
6.43	Tank Logo and Lettering: Prep and paint new tank exterior GWA Logo and Lettering per GWA approval.	1	LS		
6.44	Temporary Roof Shoring: Provide Pre-Engineered roof top shoring complete to support the roof prior to the start of any tank field work and for tank safety for access. Shoring shall be designed and certified by a Guam Registered Structural Engineer.	1	LS		
6.45	LBP Handling and Disposal: Furnish all materials, labor, equipment, and incidentals (i.e., permitting) required for the abatement, handling, and disposal of existing steel tank structural members and tank appurtenances coated with Lead-Based Paint that are identified to be	1	LS		

	demolished and/or removed off-site with complete off-site disposal.				
				Subtotal:	

Base Bid Price Total of All Items

In words:
