

City of Alcoa Purchasing

223 Associated Blvd. Alcoa, Tennessee 37701 (865) 380-4700 FAX (865) 380-4797

REQUEST FOR BIDS #25106 Alcoa Water Treatment Plant – Raw Water Intake Pump Station Improvements Addendum No. 1 – December 19, 2025

The City of Alcoa (COA) is issuing competitive bids from vendors / contractors (Contractors) for improvements at the raw water pump station. The Addendum below covers questions during the pre-bid meeting and additional clarifications.

1. Additional Information

- a. Bid date to be revised. Bids will be received until **2:00pm local time on January 14, 2026.**
- b. See attached mandatory pre-bid sign in sheet.
- c. Section 40 05 52 – Process Valves, Section 2.4, j **DeZurik** to be added to the manufactures.
- d. Replace **Bid Form** with attached updated.
- e. Replace **Summary of Work Section 01 10 00** with attached updated.
- f. Replace **Sequence of Work Section 01 12 16** with attached updated.
- g. If additional site visits are required coordinate access with Russell Whitehead (RTWhitehead@cityofalcoa-tn.gov).
- h. Preliminary river bathymetry data provided from previous dive investigation. This data is provided for information only.

2. Response to Questions

- (a) **Question:** On Section A-12 with the replacement of the existing manual actuator for the 20in BFV, can you advise of the valve manufacturer as well as part code/model number so we can confirm compatibility?
Answer: The existing actuator for the 20” butterfly valve appears to be Limitorque model. However, both the butterfly valve and actuator are being replaced and needs to be compatible with each other not the existing.
- (b) **Question:** We would like to request that DeZurik be added to the 2.4 VALVES section list of manufacturers for the 20” AWWA butterfly valve.
Answer: See additional information above. All valves to comply with requirements of Section 40 50 52.
- (c) **Question:** Can you provide the manufacturer of the existing sluice gate? Reference Note 11. on drawing M.02. If we knew the manufacturer we may be able to avoid the new extension stem not fitting the existing square nut of the existing sluice gate.
Answer: As built or submittal date for the exterior sluice gate has not been able to be located. Some additional pictures have been provided. Some investigation may need to be provided prior to submittals.

- (d) **Question:** Notes 6 and 8 on drawing M.02. At the pre-bid the owner mentioned that they would provide temporary bypass pumping if required. It is not preferable that we have to use their bypass pumping which is why we will have a blind flange to cover the existing 20" discharge piping in case we cannot finish the valve and piping installation in the 10hr shutdown period but they will provide it if necessary. Does this eliminate the need for the GC to include bypass pumping in their pricing?
Answer: Contractors should not include a price for by-pass pumping.
- (e) **Question:** Note 3, Drawing M.02. Does this apply to the surface between the new bar screen and the existing raw water intake structure. I don't think we can apply this coating under water?
Answer: Does not apply to submerged applications.
- (f) **Question:** Note 9, Drawing M.02. How can the GC include costs for removing solids at the bottom of the existing bar screen without first inspecting it? Can the GC include an inspection by the diving subcontractor in their price and then based upon that inspection the work/costs required to remove the solids be covered by the contract allowance?
Answer: Contractors should include costs for initial dive team investigation and silt and debris removal for up to two days of a dive team. If additional water jetting is required, it will be negotiated with allowance. It is not required to 'remove' any material from the river. Simply move out of the way to facilitate installation.
- (g) **Question:** Is the existing bar screen bolted or embedded into the structure? Any details on the previous screen design to form a demo plan? Any concrete repairs or coatings applied to remaining exposed embedded anchors or steel? I see notes 2 and 3 on drawing D.01. Do they apply to the outside of the RWI structure where the screen is being replaced?
Answer: See attached pictures of exterior bar screen. Notes 2 & 3 apply.
- (h) **Question:** Dredge/removal of material at base of screen- Can the spoils be sidecast back into the river? Are there any permits?
Answer: The new bar screen is essentially replacing the current screen in the same place. Work should only include moving material out of the way to install the new screen. Material does not need to be removed from the river. It can be placed back in the river. Conversations on the project have been had with TDEC and USACE and this is an equipment only replacement project and no permits are required.
- (i) **Question:** When the actuator stand is removed would the hole through the concrete be large enough to drop rigging through. If the stem hole is large enough rigging could be dropped through the hole to provide a plumb pick for removal and install of the screens. The load could be transferred to remove and install screens under the overhang pending rigging could fit via lift bags. If the hole isn't large enough could this be modified and repaired at the end of the project to facilitate.
Answer: See attached picture. Preference to not enlarge the stem opening hole.

(j) **Question:** Is the “Alcoa Water Plant Boat Ramp” shown on in the plans maintained and able to be used to launch a 25' vessel with 1.5' draft?

Answer: The ramp is available but typically limited to kayak and canoe launch. Contractor should review for other boat launching. There is shallow water both up and downstream of the launch.

(k) **Question:** What is the concrete thickness of the north face of the structure? Could pad eyes be installed on the North face to transfer the load under the overhang?

Answer: See drawing M.02 for existing concrete. Scaling record drawings indicate approximately 18-inchs. Any anchors placed into structure should be removed and concrete repaired as specified.

Updated Bid Form

NOTE TO BIDDER: Use typewriter or ink for completing this Bid Form.

BID FORM (STIPULATED PRICE BASIS)

1.1 BIDDER

Bidder Name: _____

1.2 BID RECIPIENT

A. This Bid is submitted to:

Owner: City of Alcoa, TN
Attention: David Marcum
Address: 725 Universal Street, Alcoa, TN 37701
Project Identification: Raw Water Intake Pump Station Improvements 2025

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work 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.

B. BIDDER’S ACKNOWLEDGEMENTS

1. 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 Owner.

C. BIDDER’S REPRESENTATIONS

1. In submitting this Bid, Bidder represents that:

a. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____

(Bidder shall insert number of each Addendum received.)

b. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

c. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

- d. Bidder has carefully studied: i) reports of explorations and tests of subsurface conditions at or contiguous to the Site and drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) which have been identified in Paragraph 5.03 of the Supplementary Conditions as containing reliable “technical data,”; and ii) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in Paragraph 5.06 of the Supplementary Conditions as containing reliable “technical data.”
- e. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder’s safety precautions and programs.
- f. Based on information and observations referred to in paragraph above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) Bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- g. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- h. Bidder has given Engineer written notice of conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- i. The Bidding Documents are generally sufficient to indicate and convey understanding of terms and conditions for the performance of the Work for which this Bid is submitted.

D. BIDDER’S CERTIFICATION

1. Bidder Certifies:

- 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:
 - 1) “corrupt practice” means the offering, giving, receiving, or soliciting of anything 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 Owner, (b) to establish Bid prices at artificial noncompetitive levels, or
 - 3) (c) to deprive Owner of the benefits of free and open competition;
 - 4) “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, noncompetitive levels; and
 - 5) “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.
- e. Required sales and use taxes are included in the stated Bid prices for the Work unless provision is made herein for the Bidder to separately itemize the estimated amount of sales tax or if Instructions to Bidders state Owner is tax exempt.
- f. Neither Bidder nor their Subcontractors are on the Bureau of Labor and Industries list of persons having violated prevailing wage rate laws.
- g. Bidder has not discriminated against minority, women, or emerging small business enterprises in obtaining required subcontracts.
- h. Bidder is not in violation of any tax laws.
- i. Bidder has established a drug-testing program for employees.
- j. Subcontractors performing work will be registered before Subcontractor commences work.

E. BASIS OF BIDS

Bidder must submit a bid on all schedules, base bid, and bid alternates for bid to be accepted. Award will be based on grand total bid amount for Base Bid plus Bid Alternates. Individual bid alternates will not be awarded to separate bidders. The Owner reserves the right to remove any pay items, schedules and bid alternates from the work after bid is awarded.

- 1. Bidder shall complete the Work in accordance with the Contract Documents for the following price(s):
 - a. Lump Sum Base Bid Price:

PART 2

		Base Bid Schedule		
Item	Description	Unit	Quantity	Amount
1.	All Raw Water PS Improvements, Complete, Installed and Operational including all materials, installation and testing and startup.	LS	1	\$
2.	Allowance – (As Approved by Owner)	LS	1	\$50,000
2. a	Water jetting or other debris removal/moving methods as needed for bar screen installation. Provide price per day (to be paid out of allowance if more required).	Days	3	\$
Total Lump Sum Amount				\$
		In Words:		

1. Bid Summary:

a. Bid Total = Base Bid Amount + Bid Alternate Amount:

Summation of previous subtotals. \$ _____

Total Written Out in Words: _____

B. TIME OF COMPLETION

1. Bidder agrees the Work, and any Milestones specified will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates, or within the number of calendar days, indicated in the Agreement.
2. Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work, and any specified Milestones, within the Contract Times.

C. ATTACHMENTS TO THIS BID

1. The following documents are submitted with and made a condition of this Bid:

- a. Required Bid security in the form of Bid Bond.
- b. Bidder's Experience: Successfully complete projects of similar size and complexity.
- c. Include project name, date of completion, and client contact information.
- d. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids.
- e. Contractor's License No.: _____
- f. First-Tier Subcontractor Disclosure Form (required within 2 hours of Bid closing).

D. DEFINED TERMS

- 1. 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.

E. BID SUBMITTAL

- 1. This Bid submitted by: If Bidder is:

An Individual

Name (typed or printed): _____

By (signature): _____

Doing business as: _____

A Partnership

Partnership Name: _____ (SEAL)

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

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability) __

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

Name (typed or printed): _____

Title: _____ (CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

Date of Qualification to do business in (state where Project is located) is: _____
_____.

A Joint Venture

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

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

Bidder's Business Address: _____

Phone No.: _____ FAX No.: _____

E-mail: _____

SUBMITTED on _____, 20____

Tennessee Contractor's License No.: _____

Contractor's License Class (where applicable): _____

_____ Yes _____ No

END OF SECTION

Updated Summary of Work

SECTION 01 10 00 – SUMMARY OF WORK

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:

1. Work covered by Contract Documents.
2. Site access
3. Work by Owner or other Work at the Site.
4. Owner-furnished products.
5. Contractor's use of Site and premises.
6. Future work.
7. Work sequence.
8. Owner occupancy.
9. Permits.
10. Specification conventions.

11. Work Covered by Contract Documents

B. The Project consists of miscellaneous improvements at the raw water intake pump station in Alcoa, Tennessee. The work involves the following.

- a. Remove the manual gate operator for the existing sluice gate at the intake pump station. Install a new electrically actuated actuator, a new actuator floor stand, new gate extension stem and coupling(s), new wall mounted stem guides, and associated hardware. Provide necessary concrete repairs, electrical circuit and all necessary electrical and mechanical system connections.
- b. Remove and replace the existing bar screen protecting the submerged sluice gate. Install a new metal fabricated coarse bar screen and a new screen deflector unit per the contract documents. Replacement work shall be performed underwater and some river restoration may be required. River restoration involves moving silt and solids that may have deposited at the bottom of the river to allow removal of the existing screen and installation of the new screen.
- c. Remove the existing butterfly valve and associated piping from the discharge side of the raw water intake pump and replace with the new valve and accessories. Furnish all required hardware and appurtenances required to put the system back together and coordinate startup and testing.
- d. Coordinate demolition and restoration activities to allow installation of the proposed units.
- e. Proposed work shall not interfere with the operation and/or maintenance of the other pumping units. Provide necessary blind flanges to the existing piping to enable the system to resume pumping.
- f. Restore project area to preconstruction conditions.

- g. An allowance, as directed by the Owner, has been established and included in the project budget to account for unforeseen work relating to the installation, mounting, and operation of the new equipment. The amount noted shall be included in the contractor's bid. A change order shall be executed at the end of the project to reconcile the amount remaining.
2. The Contractor will also be responsible for:
- a. Obtaining all the required permits to perform the Work, (e.g., electrical, plumbing, etc.).
 - b. Procurement of all materials required to construct the Work.
 - c. Provide system testing, training, and startup and coordinate with Engineer, Equipment supplier, and Owner for completion of the Work.

Work associated with the bar screen replacement shall be conducted in submerged river conditions by a diving team/contractor. Some silt and mud accumulation is anticipated in front of the existing screen based on a recent river bed bathymetry. Water jetting and moving debris out of the way may be required to move silt and solids around the intake so the existing bar screen can be removed and the new screen can be installed.

- C. The defined Work elements above are a general outline of principal features of the Work and does not in any way limit the responsibility of the Contractor(s) to perform all Work and furnish all equipment, labor and materials required by the Contract Documents.
- D. The Raw Water Intake Pump Station is owned and operated by the City of Alcoa, TN.

1.2 SITE ACCESS

- A. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings and as indicated by requirements of this Section.
- B. Use of Site: Do not disturb portions of Project site beyond areas in which the Work is indicated.
 - 1. Driveways, Walkways and Entrances: Keep driveways, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- C. Condition of Existing Buildings: Maintain portions of existing buildings affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.

1.3 WORK BY OWNER OR OTHERS

- 1. Refer to Section 00 31 00.

1.4 CONTRACTOR'S USE OF SITE AND PREMISES

- A. The Work included in the Contract Documents is to be performed while the existing water treatment operations must continue in operation during construction. The Contractor shall always cooperate fully with the Owner and the Engineer to ensure that the production capability of the plant will continue and that any interruption to plant operations are minimized.
 - 1. The specific major requirements for maintaining plant operations are listed below. These requirements are not necessarily complete in every detail:
 - 2. Five day's-notice shall be given to the Owner by the Contractor when any interruption of or modification to the operation of the existing plant and/or piping is desired.
 - 3. Follow the sequence of construction requirements as described in Section 01 12 16, Work Sequence.
- B. Partial Owner Occupancy: Owner will occupy the premises during entire construction period Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits unless otherwise indicated.
- C. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
- D. Provide not less than 7-day notice to Owner of activities that will affect Owner's operations.
- E. Access to Site: Limited to weekdays from 7 am to 4:30 pm unless otherwise approved.
 - 1. Noisy and Disruptive Operations (such as Use of Jack Hammers and Other Noisy Equipment): Not allowed in close proximity to existing building during regular hours of operation. Coordinate and schedule such operations with Owner to minimize disruptions.
- F. Utility Outages and Shutdown:
 - 1. Coordinate and schedule electrical and other utility outages with Owner.
 - 2. At least one week before scheduled outage, submit Outage Request Plan to Architect/Engineer itemizing the dates, times, and duration of each requested outage.
- G. Construction Plan: Before start of construction, submit a plan regarding access to Work, use of Site, and proposed utility outages for acceptance by Owner. After acceptance of plan, construction operations shall comply with accepted plan unless deviations are accepted by Owner in writing.
- H. All work shall be conducted between the hours of 7:00 a.m. and 4:30 p.m. on non-holiday weekdays only. No weekend work will be allowed. Requests for variations in work hours shall be made in writing for consideration by the Engineer. No work shall be conducted outside of the above-described days and hours without prior approval of the Engineer.

1.5 WORK SEQUENCE

- A. Coordinate Sequencing of Construction Plan with Construction Progress Schedule in Section 01 32 16, Construction Progress Schedules.
- B. Sequencing of Construction Plan: Before start of construction, submit construction plan regarding phasing of demolition, renovations, and new Work for acceptance by Owner. After acceptance of plan, construction sequencing shall comply with accepted plan unless deviations are accepted by Owner in writing.

1.6 OWNER OCCUPANCY

- A. Schedule and substantially complete designated portions of the Work for occupancy before Substantial Completion of the entire Work.
 - 1. Owner intends to occupy portions of the Project site during construction.
 - 2. Owner's use and occupancy of designated areas before Substantial Completion of the entire Project do not relieve Contractor of responsibility to maintain specified insurance coverages on a 100 percent basis until date of final payment.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.7 PERMITS

- A. Unless provided for otherwise in these Contract Documents, all permits, licenses, and fees shall be obtained by the Contractor and all costs shall be borne by the Contractor. Contractor shall pay all plan check fees and other fees necessary to obtain permits and shall accommodate special inspections required thereof. Contractor shall be responsible for compliance with all permit provisions and shall accommodate all special inspections required thereof, all at no additional expense to the Owner beyond prices as bid.
- B. Furnish all necessary permits for construction of Work including the following:
 - 1. Electrical Inspections

1.8 SPECIFICATION CONVENTIONS

- A. These Specifications are written in imperative mood and streamlined form. This imperative language is directed to Contractor unless specifically noted otherwise. The words "shall be" are included by inference where a colon (:) is used within sentences or phrases.

1.9 USE OF EXPLOSIVES

The use of explosives shall not be allowed on this Project. Alternative methods of excavation shall be utilized.

1.10 CONSTRUCTION WITHIN STATE WATERS

Work shall be limited to the replacement of existing infrastructure. No modifications to the State Waters is allowed under this contract.

1.11 EXTENDED WARRANTY PROVISIONS – N/A

1.12 NPDES STORMWATER DISCHARGE PERMIT ACQUISITION BY CONTRACTOR

The Contractor shall prepare and submit an application to the TN Department of Environment and Conservation (TDEC) and obtain a stormwater discharge permit for the Project as needed. This permit must be obtained before construction can commence.

1.13 WORK WITH EXISTING ASBESTOS WATER PIPELINES

The Contractor shall comply with all requirements of TDEC with respect to the safe handling, removal, and disposal of asbestos cement pipe, including all reporting requirements.

1.14 NOT USED

1.15 ALTERNATE BID ITEM-N/A

PART 2 PRODUCTS -N/A

PART 3 EXECUTION - Not Used

END OF SECTION

Updated Sequence of Work

SECTION 01 12 16 - WORK SEQUENCE

PART 1 GENERAL

1.1 SUMMARY

- A. This Section includes general sequencing, project phasing and coordination requirements for the Work.
- B. Contract Requirements:
 - 1. The existing intake pump station continuously (24hrs/d/7days/wk) receives and pumps raw water to the WTP. The functions of the facility shall not be compromised during the course of the Work, except as may be specified herein. Plan and prosecute the Work such that the operation of the existing water treatment plant is not interrupted, except as specified herein.
 - 2. Control any and all leakage resulting from or integral to making all temporary and permanent piping connections/replacements. Provide any and all devices required to control, stop, divert, or dispose of any and all leakage. Isolate portions of the raw water line to minimize water leakage as allowed/coordinated with the Owner.
 - 3. Owner may determine the order of precedence and the time and season at which any portion or portions of the Work shall be commenced and carried on in order to ensure proper completion of the Contract, proper operation of the intake pump station and water treatment plant, or compliance with permit conditions.
 - 4. Substantial project completion shall be based on the date noted in the project Agreement form and shall imply the intake pump station and all its appurtenances shall be fully operational and in service.
- C. Related Sections – NOT USED

1.2 SUBMITTALS

- A. Section 01 33 00, Submittal Procedures: Requirements for submittals.
- B. Work Sequencing Plan: At a minimum, to include the following:
 - 1. Complete sequence of construction for all activities contained herein.
 - a. Major work activities to occur.
 - b. Assistance to be required of Owner's operating personnel.
 - c. Name and contact information of individual in charge of activity during startup.

1.3 PROJECT SPECIFIC WORK CONSTRAINTS

- A. Constraints primarily relate to the need to continue to receive and pump raw water supply before the complete facility has been constructed, tested, commissioned, and accepted by Owner.

B. Constraints listed below involve limits on activities during construction. These limits relate to the critical nature of the proposed work.

1. Coordinate construction schedule and operation with Owner.

2. Field Measurements and Assessment:

A. Remove existing coarse bar screen from the outside wall of the intake pump station. Remove existing anchor bolts and provide wall repairs as needed/specified. Take field measurements for the fabrication and installation of the proposed coarse bar screen and screen deflector and evaluate volume of silt/grit removal required from the bottom of the river, if any. Also, confirm mounting of the new screen and top penetration placement for new stem extension.

B. Coordinate grit removal/displacement just before the installation of the new coarse bar screen and screen deflector unit.

C. Confirm stem connection details with existing sluice gate. Measure the length of the sluice gate extension stem and provide necessary field measurements to the equipment supplier for the proposed gate controls and other proposed appurtenances.

D. Secure and have available on site temporary bypass pumping capability during any temporary system shutdown or downtime.

E. Coordinate all proposed work with equipment fabrication and delivery constraints.

F. Provide all critical equipment submittals to the Engineer and Owner within 60 days from the notice to proceed.

G. Contractor may have up to an 10-hr shutdown of the raw water pump station for system/equipment replacements with proper coordination with the Owner.

3. Concrete Work under Submerged Conditions:

The Contractor will perform work under submerged conditions. Such work shall include special provisions and materials suitable for underwater environment. Concrete repairs and cored holes shall be performed by experienced divers as required by the contract documents. Contractor shall coordinate any system downtime required with the Owner during such work.

3. In case crane services are provided from the river bank, a temporary construction entrance shall be provided with crushed stone to stabilize the area where heavy machinery will be deployed.

1.4 GENERAL WORK CONSTRAINTS

A. Constraints primarily relate to interfacing with and working with existing pipelines, power supply, equipment replacement while in use, and other aspects of the operating the intake pumping facility.

- B. Make every effort to give proper attention to each of these items so as to minimize interruptions of the existing facilities and avoid delays that may result if the constraints are not observed.
- C. Do not operate any of the existing equipment without written permission from Owner naming the specific piece of equipment, operator(s), and dates equipment may be used. Contractor is liable for any loss or damage caused to property or equipment or any personal injury resulting from or related to this usage.
- D. Extended Working Hours: If it is desired to perform any Work outside the specified working hours, obtain written permission from Owner and all necessary permitting agencies, and make all necessary arrangements prior to commencing.

1.5 TEMPORARY SHUTDOWNS

A. Temporary shutdowns are to be avoided at all cause. When/where needed, short duration shutdowns (up to 10-hours) shall be closely coordinated, reviewed, and approved in writing with the Owner. A two-week advance notice is required. Temporary bypass pumping shall be in place and coordinated with the Owner. **A 14-hour break between any 10-hour shut down is required for the City to recharge their tanks.**

B. Contractor should phase work around the anticipated 10-hr shutdowns for both the valve work and the bar screen removal as required.

~~C. The raw water pumps can't operate with the 20" butterfly valve removed as there is no way to isolate the pumps. In the event that the contractor can't complete the 20" butterfly valve installation within the 10-hour window, the contractor **must** have the means to temporarily block the pump discharge line (blind flange and adapters/mega-lug) so the pumps can be turned on prior to 10-hr. This equipment must be onsite and assembled ready to install as a back-up plan to completing the valve installation.~~

Addendum No. 1

1.6 INTERRUPTION OF UTILITY SERVICE

- A. Indicate required shutdowns of existing utilities or interruptions of existing operations on Progress Schedule. Interruptions to utility service will be allowed to the extent that customer service will not be adversely compromised.
- B. Submit requests for interruptions to utility service not less than five business days in advance of the date scheduled for the interruption.
- C. Following receipt of the request, Engineer will notify Contractor if the requested date will be permitted. Evaluation of the request will be based upon the availability of the utility owner's personnel to assist and monitor utilities during the shutdown period and impact to customer service.
- D. Minimize the period of interruption by thorough advance planning. Procure and provide all required materials, equipment, and labor on site during the shutdown.
- E. Do not begin interruption until written authorization is received from Engineer.
- F. Consider work on multiple tasks during short duration shutdowns.

- G. Consider the addition of necessary piping, fittings, and butterfly valve on the existing pump discharge pipe during a planned shutdown.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION

Mandatory Pre-Bid Sign In

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Andrew Welsh

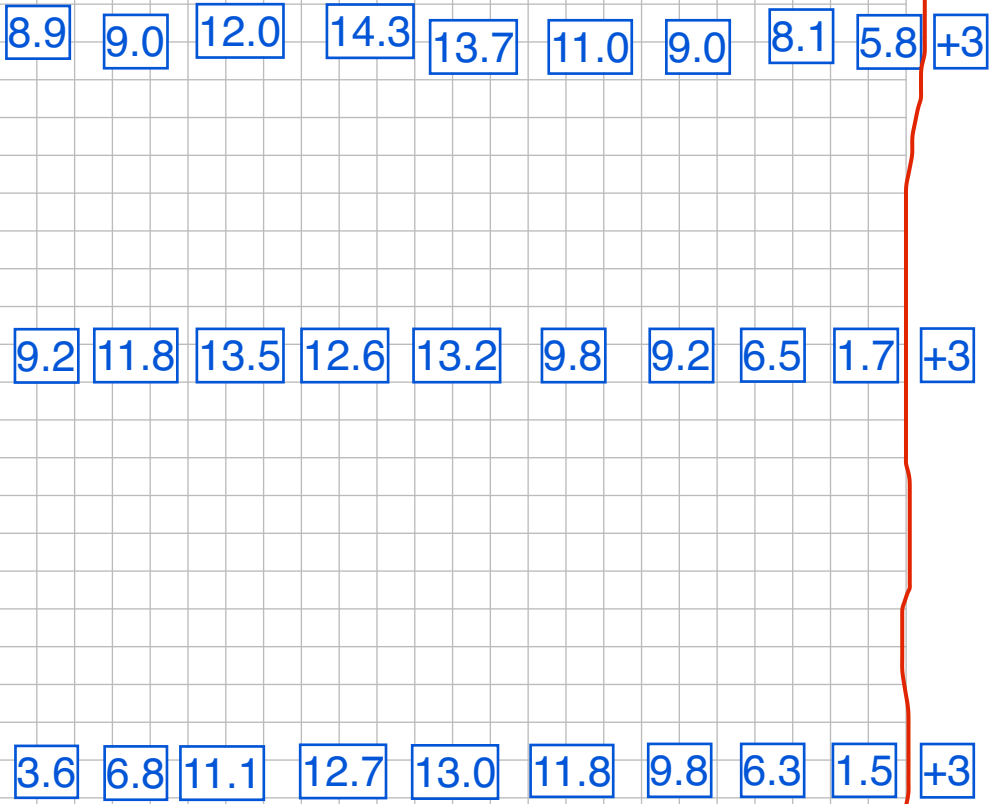
Andrew@jbrennon.com

River data (for information only)

Deck Elev-848.58
Deck to WL-27.3'
WL elev-821.3 @ 1230
on 12/18/24



Intake building



Soundings taken at
10' increments at
edges and center of
intake facility



Flow

Additional Pictures (for information only)



Exterior Sluice Gate and Bar Screen





Existing Sluice Gate stem and mounting





Existing Sluice Gate stem

End of Addendum