



ADDENDUM NO. 1  
TO THE CONTRACT DOCUMENTS

Date: January 16, 2025  
Project No.: D3698100  
SRF Project No. FS010239-02

for the construction of

**PAUL B. KREBS WATER TREATMENT PLANT  
IMPROVEMENTS PROJECT**

ANNISTON WATER WORKS & SEWER BOARD  
CITY OF ANNISTON, ALABAMA

**To All Planholders and/or Prospective Bidders:**

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of Paul B. Krebs Water Treatment Plant Improvements Project dated October 2024 as fully and completely as if the same were fully set forth therein:

A. **PART 1—PROCUREMENT REQUIREMENTS**

1. N/A

B. **PART 2—CONTRACTING REQUIREMENTS**

1. Section 01 45 33 Special Inspection, Observation, and Testing:
  - a. Replace “CONTRACTOR’S STATEMENT OF RESPONSIBILITY FORM” in its entirety and replace with the revised form in Attachment 1.
  - b. Replace “TABLE 1” in its entirety with the revised TABLE 1 in Attachment 2.

C. **PART 3—SPECIFICATIONS**

1. Section 44 42 56.03 Vertical Turbine Pumps:
  - a. Within the “VERTICAL TURBINE PUMP DATA SHEET, 44 42 56.03-01”, revise the following paragraph in the PERFORMANCE REQUIREMENTS section to read as follows:

“Reverse Rotation: Pump shall be capable of operating at runaway speed in reverse rotation without damage. “

Non-reverse ratchet devices are not required. The required keyed lineshafts shall prevent issues during reverse rotation.

D. **PART 5—DRAWINGS (BOUND SEPARATELY)**

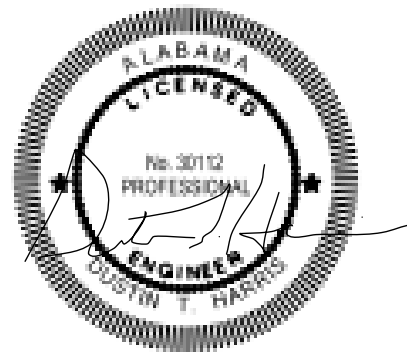
1. N/A

E. **OTHER ITEMS**

1. See attached meeting minutes from Pre-Bid Meeting. (Attachment 3)

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.

Jacobs



A handwritten signature in black ink, appearing to read "Dustin T. Harris".

Dustin T. Harris, P.E.  
Project Manager

**END OF ADDENDUM**

**CONTRACTOR'S STATEMENT OF RESPONSIBILITY**

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(Project)

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(Name of Contracting Company)

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(Business Address)

(\_\_\_\_) \_\_\_\_\_  
(Telephone)

(\_\_\_\_) \_\_\_\_\_  
(Fax)

I, (We) hereby certify that I am (we are) aware of the Special Inspection and Testing and Professional Observation and component certification requirements contained in Contract Documents for this Project for wind and seismic force-resisting systems, and for components including architectural, mechanical, and electrical components, as listed in Statement of Special Inspections in supplement located at the end of this section and Section 01 45 36, Equipment Seismic Certification, and that:

- I, (We) aware of the systems and the requirements of the special inspection and acknowledge our responsibility in the implementation of the Statement of Special Inspections for the construction of the following systems:

<b>Facility</b>	<b>Specification</b>	<b>Lateral Force-Resisting System</b>
35-Finished Water Pump Station	04 22 00	Special Reinforced Masonry Shear Walls (R=5).

- I, (We) are responsible for construction of the following components:

<b>Facility</b>	<b>Component</b>
35-Finished Water Pump Station	Standby Engine Generators
35-Finished Water Pump Station	Switchgear
35-Finished Water Pump Station	Secondary Unit Substation

Paul B. Krebs Water Treatment Plant Improvements  
Anniston Water Works & Sewer Board

Facility	Component
35-Finished Water Pump Station	MCC's/ Motor Starter Panels
25 – Air Stripping Towers	Finished Water Pumps

3. Control of this Work will be exercised to obtain conformance with Contract Documents approved by building official.
4. Procedures within the Contractor's organization to be used for exercising control of the Work, method and frequency of reporting, and distribution of reports required under Statement of Special Inspections for Project are attached to this statement.
5. I, (We) will provide 48-hour notification to Engineer and approved inspection agency as required for structural tests and Special Inspection for Project.
6. The following person is hereby identified as exercising control over requirements of this section for the Work designated above:

Name: \_\_\_\_\_

Qualifications: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Print name and official title of person signing this form)

Signed by: \_\_\_\_\_

Date: \_\_\_\_\_

Project Name: \_\_\_\_\_

<b>TABLE 1</b> <b>REQUIRED NON-STRUCTURAL SPECIAL INSPECTION</b> <b>REFER TO SPECIFICATION SECTION 01 45 33</b>						
SYSTEM OR MATERIAL	2021 IBC CODE REFERENCE	REFERENCED STANDARD	PERIODIC OWNER FURNISHED SPECIAL INSPECTION (SEE NOTE 1)	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS	TESTING FOR SPECIAL INSPECTION
<b>GEOTECHNICAL</b>						
<b>1. SOILS:</b>						
A. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	1705.6, 1803.5.8, 1803.5.9, 1804.6, 1804.7	SECTION 31 23 13, SUBGRADE PREPARATION	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	<b>SEE TABLE 3 FOR CLSM STRENGTH TEST REQUIREMENTS</b>
B. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	1705.6	SECTION 31 23 16, EXCAVATION	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	
C. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	1705.6	SECTION 31 23 23, FILL AND BACKFILL	X			SEE TABLE 3 FOR GRADATION TEST REQUIREMENTS
D. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	1705.6, 1803.5.8	SECTION 31 23 23, FILL AND BACKFILL		X		SEE TABLE 3 FOR DENSITY TEST REQUIREMENTS
E. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	1705.6	SECTION 31 23 13, SUBGRADE PREPARATION	X		PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	SEE TABLE 3 FOR DENSITY TEST <b>AND PROOF ROLLING</b> REQUIREMENTS
<b>3. CAST-IN-PLACE DEEP FOUNDATION ELEMENTS:</b>						
A. INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH	1705.8			X		

<p align="center"><b>TABLE 1</b>  <b>REQUIRED NON-STRUCTURAL SPECIAL INSPECTION</b>  <b>REFER TO SPECIFICATION SECTION 01 45 33</b></p>						
SYSTEM OR MATERIAL	2021 IBC CODE REFERENCE	REFERENCED STANDARD	PERIODIC OWNER FURNISHED SPECIAL INSPECTION (SEE NOTE 1)	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS	TESTING FOR SPECIAL INSPECTION
B. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE), AND ADEQUATE END-BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	1705.8			X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	SEE TABLE 3 FOR PILE INTEGRITY TESTING
C. FOR CONCRETE ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3	1705.8				SEE TABLE 2 FOR REQUIRED INSPECTIONS FOR CONCRETE CONSTRUCTION AND TABLE 3 FOR REQUIRED TESTING	
4. STRUCTURAL INTEGRITY OF DEEP FOUNDATION ELEMENTS						
A. WHERE REQUIRED WHEN INTEGRITY IS UNCERTAIN, RECORD PILE TYPE AND DIMENSIONS, LOCATION, VISUAL OBSERVATIONS AND NOTATIONS OF UNUSUAL OCCURRENCES DURING INSTALLATION OR EXCAVATION, EQUIPMENT USED FOR INTEGRITY TESTING, COMMENTS ON INTEGRITY, AND OTHER PERTINENT INFORMATION AS REQUIRED BY THE REGISTERED DESIGN PROFESSIONAL IN	1705.10	ASTM <b>ASTM D6760</b>		X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	SEE TABLE 3 FOR PILE INTEGRITY TESTING
<b>ARCHITECTURAL</b>						

<b>TABLE 1</b> <b>REQUIRED NON-STRUCTURAL SPECIAL INSPECTION</b> <b>REFER TO SPECIFICATION SECTION 01 45 33</b>						
SYSTEM OR MATERIAL	2021 IBC CODE REFERENCE	REFERENCED STANDARD	PERIODIC OWNER FURNISHED SPECIAL INSPECTION (SEE NOTE 1)	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS	TESTING FOR SPECIAL INSPECTION
<b>5. FIRE-RESISTANT PENETRATIONS AND JOINTS IN BUILDING ASSIGNED TO RISK CATEGORY III OR IV:</b>						
A. PENETRATION FIRESTOPS	1705.18.1	ASTM E2174	X			
B. FIRE-RESISTANT JOINT SYSTEMS	1705.18.2	ASTM E2393	X			
<b>BUILDING MECHANICAL</b>						
<b>1. INSTALLATION OF SMOKE CONTROL SYSTEMS:</b>						
A. LEAKAGE TESTING AND RECORDING OF DEVICE LOCATIONS PRIOR TO CONCEALMENT	1705.19		X			
B. PRIOR TO OCCUPANCY AND AFTER SUFFICIENT COMPLETION, PRESSURE DIFFERENCE TESTING, FLOW MEASUREMENTS, AND DETECTION AND CONTROL VERIFICATION	1705.19		X			
<b>GENERAL</b>						
1. CONSTRUCTION MATERIALS AND SYSTEMS THAT ARE ALTERNATIVES TO MATERIALS AND SYSTEMS PRESCRIBED BY CODE	1705.1.1 ITEM 1		X			
2. UNUSUAL DESIGN APPLICATION OF CODE MATERIALS	1705.1.1 ITEM 2			X		
3. INSTALLATION OF MATERIALS THAT REQUIRE ADDITIONAL MANUFACTURER'S INSTRUCTIONS BEYOND CODE REQUIREMENTS	1703.4.2, 1705.1.1 ITEM 3	ICC-ES EVALUATION REPORTS		X		
<b>STRUCTURAL</b>						
SEE TABLE 2.						



<b>TABLE 1</b> <b>REQUIRED NON-STRUCTURAL SPECIAL INSPECTION</b> <b>REFER TO SPECIFICATION SECTION 01 45 33</b>						
SYSTEM OR MATERIAL	2021 IBC CODE REFERENCE	REFERENCED STANDARD	PERIODIC OWNER FURNISHED SPECIAL INSPECTION (SEE NOTE 1)	CONTINUOUS OWNER FURNISHED SPECIAL INSPECTION	COMMENTS	TESTING FOR SPECIAL INSPECTION

NOTES:

1. PERIODIC INSPECTION IS DEFINED AS INSPECTION BY THE SPECIAL INSPECTOR OF ALL MATERIALS AND SYSTEMS, IN SOME CASES PERFORMED DURING THEIR PLACEMENT AND IN ALL CASES PERFORMED UPON COMPLETION OF THEIR PLACEMENT. THE COMPLETION INSPECTION SHALL BE PERFORMED SO THAT WORK CAN BE CORRECTED PRIOR TO OTHER RELATED WORK PROCEEDING AND COVERING INSPECTED WORK.

## Paul. B. Krebs WTP Improvements Project, Anniston, Alabama SRF Project No. FS010239-02

**Date:** January 15, 2025 at 10:00 AM

**Location:** Anniston Water Works and Sewer Board Main Office, 1429 Noble Street, Anniston, AL

### 1. Introductions and Sign In Sheet

### 2. General Project Overview

The completed Work includes improvements to the Paul B. Krebs Water Treatment Plant. The major items of Work to be performed under this Contract includes but is not limited to:

- a. Preparation and submission of submittals for review and approval.
- b. Implementation and maintenance of the Construction Best Management Practices Plan for Erosion and Sediment Control.
- c. Base Bid
  - i. Installation of new finished water pump station.
  - ii. Replace all existing finished water pumps with five new canned vertical turbine pumps.
  - iii. Install space and pump cans for two future vertical turbine pumps to serve the distribution system downstream.
  - iv. Construct new finished water pump station to house the new vertical turbine pumps south of the existing finish water pump station. The new pump station shall be constructed with individual cans per each pump housing the vertical turbine pumps. This includes the corresponding check valves, isolation valves, air release valves, and instrumentation as required. The pumps and corresponding pipe headers will be located within the building.
  - v. Demolition of the existing maintenance building and modifications to surrounding area as required to allow for construction of the new finished water pump station and electrical building.
  - vi. Installation of pneumatic surge tank and corresponding compressors, instrumentation, sensors, and appurtenances.
  - vii. Installation of all new yard piping for connection of existing clearwell effluent piping to the new finished water pump station and the pump station discharge piping to the connection of the plants high service distribution system piping. Yard piping installation will include tie-ins, flow meters, and valves.
- d. Installation of electrical and SCADA upgrades.
  - i. Installation of new 277/460V-3-phase power service to replace exiting radial-type distribution power.
  - ii. Installation of two new on-site standby generators and paralleling switchgear with isolated/redundant main distribution buses and two separate utility service laterals.

- iii. Update half of the existing main plant process loads currently fed from existing MCC-A to be fed from a new redundant MCC-A2.
- iv. Construct new electrical room within the new finished water pump station to house new electrical gear for the facility including new electrical gear for finished water pump station and generators.
- v. Replace existing lighting with new, energy-efficient LED lighting systems throughout the interior and exterior of the plant.
- vi. Upgrade SCADA with a new RTU in the new finished water pump station.
- e. Fluoride Tank Containment Area and Supports
  - i. Construction of containment area and tank supports for the new client-provided fluoride tank. This shall include installation of client-provided 3,800 gal fluoride tank, instrumentation, level sensors, loading station, emergency shower and eyewash, and all chemical piping to connect to the existing system.
- f. Spring Basin and Containment Wall
  - i. Provide waterproofing and repair of the existing Coldwater Spring retaining wall and concrete valley gutters to mitigate surface stormwater short circuiting into the spring.
- g. Clearwell/Chlorine Contact Basin Repairs
  - i. Repair of collapsed baffle wall. Demolish approximately half of the wall length and reconstruct based on original details. Inspect floor at baffle wall failure location and repair.
  - ii. Clean all silt from clearwell floor, inspect for cracks or damage, and repair.
  - iii. Repair two concrete pilasters.
  - iv. Seal cracks in exterior dome roof and coat exterior.
  - v. Repair cracks in interior clearwell walls.
  - vi. Provide new exterior and interior coating system.
  - vii. Repair interior dome roof. Coat and repair exposed wire mesh and rebar. Provide interior coating of surface to prevent future exposure and deterioration.
- h. General Site Work
  - i. New loop road to improve access around the site for maintenance and chemical deliveries.
  - ii. Demolition of existing entrances and installation of new entrance gate and site fencing.
  - iii. All stormwater and erosion control measures as required.
  - iv. Provide site grading and stormwater system improvements per contract documents.
  - v. Demolition of existing asphalt wearing surface and installation of new wearing surface as indicated in contract documents.
- i. Additive Bid Alternative 1: Replace and Repair Existing Air Stripping Towers
  - i. Portions of each existing Air Stripping Towers (6 Total) to be replaced:
    - 1. 24 vertical feet of 3.5-inch Jaeger Tripack Packing Media (2500 cf).
    - 2. Two flanged aluminum shell sections above tower packing to be replaced with 304 SS Construction.
    - 3. 4 screen air outlet screens on the tower shell above the mist eliminator.

- 4. Flanged access doors.
- 5. Polypropylene mesh mist eliminator with support and hold-down. The mist eliminator is 4-inch thick, 138-inch diameter polypropylene mesh.
- j. Additive Bid Alternative 2: Installation of new Air Stripping Tower
  - i. Installation of new Air Stripping Tower with corresponding blower, valves, piping, instrumentation, sensors and appurtenances.
- k. Additive Bid Alternative 3: Replace existing Main DFS control panel with latest generation DFS control panel.
  - i. Replace the existing Main DFS control panel in the existing finished water pump station electrical room with a latest generation DFS control panel to include minimum 50 percent more I/O of each signal type. All existing signals will be re-terminated in the new control panel with minimal disruption to plant operations.
- l. System Start-up activities.
- m. Paving/pavement, site restoration as required.
- n. Final site cleanup.

### 3. Notice to Bidders

- a. Submit questions to Dustin Harris at [Dustin.Harris@jacobs.com](mailto:Dustin.Harris@jacobs.com). The cutoff for bidder questions will be at 5:00 pm CST on **Monday, February 10, 2025**. Questions will be answered via addenda issued by QuestCDN.com.
- b. Bids will be received at Anniston Water Works and Sewer Board Main Office, 1429 Noble Street, until 10:00 a.m. CST on **Thursday, February 13, 2025**.
- c. Submit the entire Bid Package and acknowledge all addenda. Bid Package includes Bid Proposal Form, Bid Schedule, copy of General Contractor's License, Bid Bond, and MBE/DBE Forms.
  - i. Bid shall be submitted in a sealed envelope marked with the following:  
Paul B. Krebs Water Treatment Plant Improvements Project - SRF Project No. FS010239-02  
Bid Enclosed  
Attention: Clif Osborne  
*Contractor's Name*  
*Contractor's Current License Number*
  - ii. Bids shall be addressed to Anniston Water Works and Sewer Board, 1429 Noble Street, Anniston, AL 36201, and/or hand delivered to the Anniston Water Works and Sewer Board's Chief Engineer Clif Osborne at 1429 Noble Street, Anniston, AL.
- d. Award of the contract, if awarded, will be made within 60 calendar days from bid opening.
- e. Project time is 900 consecutive calendar days.
  - i. Contractor should pay special attention to long lead items (i.e. generators, switch gears, pumps, etc.).
  - ii. Coordinate properly with project schedule.
- f. Plans and Specifications can be received by going to QuestCDN.com. Login or sign up for a free membership within the website's Bidders Tab. Navigate to the

digital bidding documents by inputting the Quest Project No. 9449419. Documents can be viewed for free or downloaded for \$22.00. Bidders will be responsible for printing any bid documents.

#### **4. Instructions to Bidders and Contract Conditions**

- a. This contract is funded in part by a State Revolving Fund, therefore, additional requirements for the Contractor exist. These Requirements relate to Project objectives for utilization of Disadvantage Business Enterprises/Minority Business Enterprises/Women Business Enterprises (DBE/MBE/WBE). If the successful bidder plans to subcontract a portion of the project, the bidder must submit to the owner within 10 days after bid opening, evidence of the affirmative steps taken to utilize small, minority and women's businesses. These six affirmative steps or 'good faith efforts' are required methods to ensure that DBEs have the opportunity to compete for procurements funded by EPA financial assistance dollars. Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. This will include placing DBEs on solicitation lists and soliciting them whenever there are potential sources. Documentation of good faith efforts should include items such as emails, logged phone calls, and mail. Just providing the advertisement will not be sufficient. Reference SRF Supplemental General Conditions (SGCs) for SRF requirements.
- b. Other Requirements relate to Federal Labor Standards, Title VI of the Civil Rights Act of 1964, Equal Employment Opportunity, Affirmative Action Equal Opportunity Clause, Goals and Timetables, compliance with Occupational Safety and Health Act of 1970 and Section 107 of Contract Work Hours and Safety Standards Act (PL91-54) which are adopted herein by reference to the extent applicable. For SRF funded projects, special requirements are also set forth in the ADEM Supplementary Conditions
- c. Contractors shall comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). Prevailing wage rates have been provided in the SRF Supplementary Conditions. If wage rates have been updated prior to bid submittal, updated wage rates will be sent out by addenda.
- d. 2014 Appropriations Act – All steel and iron products used in the Project are to be produced in the United States ("American Iron and Steel") per as described on SGC-35 of the documents.
- e. Certified payrolls must be submitted weekly once work commences using the State's form. This form will be provided to the selected bidder.
- f. Prices for mobilization and demobilization combined shall not exceed 5% of the total base bid unless a reasonable explanation is provided in writing with the bid and accepted by the Owner. Lump sum payments and unit price bids for a single or lump sum payment may be spread over the course of the period of work until the line item is complete at owner's option.
- g. Note that this project is also funded by ARPA. Project does fall under BABA Act and AIS requirements.

#### **General Discussion**

- h. This water treatment plant is the main source of potable water for the City of Anniston. It will be critical for the contractor to take all precautions in identifying existing utility conflicts prior to beginning work to minimize impacts to plant operations. Key areas include:

- i. The Krebs WTP Hypochlorite Project will be occurring concurrently during the first phase of this project. Contractors will need to coordinate with each other regarding staging and common work areas.
  - ii. Identifying existing utilities below new foundation for Finished Water Pump Station, Fluoride Containment Area, Electrical Building, Generators, Air Stripping Towers. These must be identified prior to any structural construction.
  - iii. The existing finished water pump station shall remain operable until new finished water pump station has successfully operated for 14 days without interruption.
  - iv. The one side of the existing clearwell will remain in operation during any repairs to the other side of the clearwell. Precautions must be made to ensure that the side of the clearwell in operation is protected during construction.
  - v. The existing air stripping towers will remain in operation during any repairs to the air stripping towers and/or installation of new air stripping tower.
  - vi. The existing septic system and field lines will need to be protected and remain operational during construction of new finished water pump station and electrical room.
  - vii. Contractor shall pay close attention to excavation plan of finished water pump station in relation to the deep foundation/drilled piers and installation of pump cans.
- i. Protection of Coldwater Spring is extremely critical, as it is the source of the raw water for the drinking water treatment plant and is also home to protected species of endangered fish. The Contractor shall take all measures to protect the spring from any and all contamination resulting from construction activities. Proper storm water best management practices (BMP's) installation and maintenance will be an emphasis throughout the project.
  - j. For control systems: The PIC System Integrator is Data Flow Systems (DFS). Early communication and coordination with DFS throughout the duration of the project is encouraged to improve scheduling of their work.
  - k. A copy of the geotechnical report listed in the Supplementary Conditions can be obtained by an email request to [Dustin.Harris@jacobs.com](mailto:Dustin.Harris@jacobs.com).

## 5. Site Visit

### Comments/Questions:

1. No questions were received from attendees.
2. Jacobs emphasized the importance of reviewing through the bid form and understanding the unit price items and intended scope for each unit price items. This relates specifically to items for the clearwell repairs and drilled piers.

## Pre-Bid Meeting Agenda

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3. Jacobs emphasized the need for an experienced sub-contractor for work involving the rehabilitation and repair of the chlorine contact basin/clearwell.
4. Request for additional site visits to the P.B. Krebs shall be coordinated through Dustin Harris ([Dustin.Harris@jacobs.com](mailto:Dustin.Harris@jacobs.com)).

### **Attachments:**

1. Pre-Bid Meeting Sign-In Sheet.