

**Veolia Water Milwaukee LLC**  
Jones Island Water Reclamation Facility  
Bldg. 225 Process Air Compressor (PAC) Cooling Pipe Repairs  
Public Bid No. 60698

Wednesday, August 14, 2022, 10:00 a.m.

Pre-bid Agenda

Welcome to the pre-bid meeting for the Bldg. 225 Process Air Compressor (PAC) Cooling Pipe Repairs at the Jones Island Water Reclamation Facility. This bid is due electronically via Quest Construction Data Network (CDN) **no later than 2:00 p.m., local time, Monday, October 3, 2022.** The bid results may be viewed electronically no later than 2:30 pm on Quest CDN. The bid results may also be viewed at [www.veolianorthamerica.com/milwaukee/](http://www.veolianorthamerica.com/milwaukee/) websites.

Veolia Water reserves its rights to reject any and all Bids not conforming to the intent of the INVITATION FOR BIDS. Veolia Water also reserves its rights to postpone the award of the Contract for a period of time not exceeding 45 days from the bid opening date. At the time of postponement, the Bids shall remain firm and may not be withdrawn during this forty-five (45) day period.

In accordance with Wisconsin Statutes, the bidders will submit a list of proposed subcontractors with their Bid.

It is the policy of Veolia Water that the Minority, Women and Small Business Enterprises will have the maximum opportunity to participate and perform in this contract.

In the award of subcontracts, the Contractor agrees to use good faith efforts to carry out this policy and to achieve purchasing participation and contract performance with these businesses.

The SWMBE Good Faith Effort Summary, (8700-294A) is one of the documents required and must be completed and uploaded electronically on QuestCDN website to be deemed as a responsible bid. **SWMBE Good Faith Effort documentation applied to “all” prime contractors including SWMBE prime contractors (See 19.MMSD Policies).** It is extremely important to read and follow the section for the Determination of Good Faith Efforts.

**NOTE: Veolia Water/MMSD participation goals for SWMBE are:**

- Small Business – 5%**
- Women-owned Business – 2%**
- Minority-owned Business – 13%**

The SWMBE goal is twenty (20) percent. One SWMBE may provide full participation.

**It is your responsibility to meet these requirements or provide justifications as to why these requirements cannot be fulfilled. These requirements must accompany your bid package in order for it to be deemed as a responsible bid.**

**The following forms are required and must be electronically uploaded in Quest CDN by the time set forth on the Quest CDN website.**

- a. Bid Form Signature Form
- b. SWMBE Good Faith Efforts Summary, WDNR Form 8700-294A
- c. Equal Employment Opportunity Data Form
- d. Certification of Non-Discrimination

The following documents are available for review and download from the District's website at <https://www.mmsd.com/procurement/constructions-bid-special-attachments>.

- 1 SWMBE Policies for Construction and Professional Services Contracts, Administrative Policy 2-78.01.
- 2 Local Workforce Participation on District Construction Projects, Administrative Policy 2-78.21.

LUMP SUM pricing and breakdown by Labor, Material, Equipment, Consumables, Freight and Disposal are required for this bid. The total amount to be paid to the Contractor will be based on the lump sum bid price, and will be adjusted according to any changes in the work (plus or minus) approved by Veolia Water.

The Contractor cannot make any changes to the Bid Forms. Unless the Bid clearly indicates otherwise, the **amount stated in words shall govern** where words do not agree with the amount stated in figures, and in case of a discrepancy between prices and totals, unit prices will prevail.

The award will be announced within forty five (45) days or sooner after the opening of the bids, unless otherwise indicated in the INVITATION TO BID. The award of the Contract will be given to the lowest, responsible Bidder complying with the INVITATION TO BID, as determined by the criteria and procedures in this Bid.

The time for completion of the Contract shall be ( ) days from the date of Notice to Proceed.

**INVOICING;**

Once the work is completed, the Contractor shall invoice VWM within 30 days.

**When or if requesting Progress Payments:**

The Contractor shall provide a detailed breakdown of material that will be onsite for this project, project activities and associated costs to VWM to be used as a basis for Progress Payments. Onsite material must be secured by the Contractor. VWM shall not be liable or responsible for missing materials at any site location.

**LOCAL WORKFORCE PARTICIPATION REQUIREMENTS:** In accordance with the District's procurement policy, it promotes the utilization of local workers and maximization of the economic impact of annual operating and capital project spending. The Bidder must comply with this policy by signing the attached CERTIFICATION OF LOCAL WORKFORCE PARTICIPATION form found on the Quest CDN website. This policy shall be implemented by VWM.

The Contractor shall submit certified payroll records with the final invoice for payment. Once the certified payroll records are verified and approved as compliant with CERTIFICATION OF LOCAL WORKFORCE PARTICIPATION form, the invoice shall be processed for payment.

The project requires 45% of total project hours in Sanitary Sewer Service Employment and 20% of Target Area Local Workforce.

In the event the Bidder is awarded the Contract and fails to comply with the Local Workforce Participation requirements, liquidated damages may be retained by VWM based on the following formula:

The number of Targeted or SSSA Employment Hours that should have been achieved based on the number of total project hours	MINUS	The number of Target Area or SSSA Employment Hours that have been achieved	MULTIPLIED BY	Two-thirds of the average mid-wage for the specified trades
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The Contractor is required to submit a local workforce implementation plan prior to the VWM issued to Notice to Proceed. This written local workforce implementation plan that will show the strategy for achieving the local workforce participation requirements of this Agreement. This plan will also indicate the projected project hours including the coordinated plan to meet local workforce participation requirements.

These Local Workforce Participation requirements are a term of this Agreement and noncompliance shall be considered a breach of this Agreement.

**ADJUSTMENTS OF PARTICIPATION LEVELS PRIOR TO BID OPENING**

Reasonable adjustments from, and modifications to, all requirements of this policy may be made with respect to any specific project prior to the bid opening upon grounds of undue hardship applicable to all potential bidders or when special circumstances in the local public interest or local or area-wide employment situation so require.

Requests for adjustments to the policy must be submitted in writing to VWM no later than (3) three days after the Pre-bid Meeting. For the adjustments to be considered, VWM must get approval from its client (MMSD). This request must be on your letterhead in writing and include justification for the requested adjustment. If, upon review, the evidence indicates a need to adjust the local workforce requirements, an addendum will be issued prior to the bid opening.

## **LIQUIDATED DAMAGES**

The amount of liquidated damages shall be \$75.00 per day. Liquidated damages shall be assessed if the Contractor fails to complete this project within 120 calendar days from the date VWM issues the Notice to Proceed to commence work.

## **ADDENDUM**

If necessary, an addendum will be sent out after the pre-bid meeting.

## **QUESTIONS**

Please ask questions. All questions will be shared with the group through meeting minutes which will be displayed on the QuestCDN website.

## **WALK THROUGH**

Hard Hats and Safety Glasses are required and available for those Contractors that need them. The Contractor is responsible for any additional PPE for this walk through.

## **SAFETY**

All Contractor and subcontractor employees shall obtain safety training from Veolia Water prior to working on the designated site. Veolia Water will offer a total of two one-hour training sessions to the contractor and any subcontractors involved in the project. The Contractor shall adhere to all Veolia Water safety policy and procedures.

Once the bid has been awarded, the Contractor must provide the safety information found in Schedule D – Contractor Safety Requirements to the PROJECT MANAGER prior to the Notice to Proceed.

## **SCOPE OF WORK**

The Contractor Scope of Work shall be as follows:

### **A. SCOPE OF WORK**

There are currently 4 Process Air Compressors (PACs) located in the Bldg. 225 Process Air Compressor Building at the Jones Island Water Reclamation Facility. A cooling water (W-4) piping system supplies these PACs with cooling water to remove waste heat from the system and prevent failure of the PACs. These cooling water pipes are beginning to exceed their useful life. Between PACs #3 and #4, there are a few sections of the pipe that are corroded and beginning to leak. Please note the photos of the failing sections at the end of this document. The following specification describes the repairs to the PAC Cooling Water Pipes.

### **B. MATERIALS**

The Contractor shall procure/provide all necessary labor, materials, tools/tooling, consumables and equipment required to repair the PAC cooling water (W-4) pipes. Where materials are not specifically identified, they shall be new and of first class, appropriate for the installation. The contractor provided replacement parts for the PAC cooling water pipes shall be OEM (Original Equipment Manufacturer) "or equal". During construction, the Contractor shall also identify to the VWM engineer any additional components that require replacement. The contractor shall take pictures and provide an assessment of these components. At a minimum, the Contractor shall replace the following parts on the Bldg. 225 PAC Cooling Water Pipes:

- 4 feet of 10" diameter carbon steel pipe
- 10" x 8" reducing 90 degree elbow
- 8" weld neck flange

- Three (3) thread O lets
- 6 feet of 4" diameter carbon steel pipe
- 10" x 4" connecting tee
- Four (4) 10" slip on flanges
- Two (2) butterfly valves

### **C. WORKMANSHIP**

The Contractor shall complete the project in a workmanlike manner and use craftsmen skilled in their trade. The Contractor and any subcontractor shall adhere to all Veolia Water safety policies and procedures and shall also be responsible for following Veolia's lock-out –tag-out (LOTO) procedures. The Contractor shall coordinate work with the VWM engineer. The Contractor, at all times, shall keep the work area free from the accumulation of waste materials or rubbish caused by its operations.

#### **The PAC Cooling Water Pipe repairs, at a minimum, shall include the following:**

- At the section between PAC #3 and #4...
  - The contractor shall remove the corroded section of 4" piping, 10" piping, and existing 10" x 4" connecting tee. . All removed components shall follow all local and national disposal codes.
  - The contractor shall then install 6 feet of 4" diameter carbon steel piping, four (4) 10" slip on flanges, a new 10" x 4" tee fitting, and two (2) 10" butterfly valves on either side of the 10" x 4" tee to allow for isolation of the PACs for future work.
  - Reinsulate the pipe area after installation.
- At the section south of PAC #4...
  - The contractor shall remove the corroded section of 10" pipe, the 10" x 8" reducing 90 degree elbow, the 8" weld neck flange, and three (3) thread O lets for instrumentation (remove and reinstall instrumentation at the same time). . All removed components shall follow all local and national disposal codes.
  - The contractor shall then install 4 feet of 10" diameter carbon steel pipe as well as a new 10" x 8" reducing 90 degree elbow, 8" weld neck flange, and three (3) thread O lets.
  - Reinsulate the pipe area after installation.

### **Warranty**

The Contractor shall provide a 1 year warranty for labor and equipment commencing on the date of completion of a successful 7 day test run.

### **Testing**

#### **Functional Test**

Prior to system startup, the Bldg. 225 RAS Cooling Water Pipe Repairs shall be inspected for proper placement, quiet operation, proper connection, and satisfactory performance.

#### **System Functional Testing**

After the installation, the Contractor shall provide a 7 day test run as proof of reliability. The cooling water (W-4) piping shall operate failure free during the test run for this project to be considered complete.

#### **D. SCHEDULE**

- Once the work has started, the Contractor shall have a maximum of six (6) hours to perform all necessary repairs. These repairs must also be completed in cool weather, ideally between the months of November and March.

#### **E. SUBMITTALS**

All submittals to the VWM Engineer shall be addressed to:

Attn. David Perry  
Veolia Water Milwaukee, LLC  
700 East Jones Street  
Milwaukee, WI 53207

1. Equipment Data Form (VWM will provide this form to the Contractor).
2. Statement of warranty for labor and equipment.
3. Material specification sheet for the newly installed components.

***Note: During the execution of this project, the Contractor is allowed the use of building equipment (i.e. elevators, overhead cranes, jib hoists, etc.); however, in the event that any or all of the equipment is out of service, no compensation shall be owed to the Contractor for providing alternate equipment or any delays this may cause.***