

NOTICE

INVITATION TO BID TO THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO FOR

CHEMICAL ADDITION BACKUP SYSTEM
KIRIE WRP
COOK COUNTY, ILLINOIS
CONTRACT 19-375-3P

PROPOSALS ARE DUE TUESDAY, APRIL 29, 2025

Sealed Proposals, endorsed as above, will be submitted back to the District via an electronic upload to the Bonfire Portal only, from the date of the Invitation to Bid, up to 11:00 A.M. (Central Standard Time), on the bid opening date, and will be opened publicly by the Director of Procurement and Materials Management or designee at 11:00 A.M. on Tuesday, April 29, 2025. The public cannot attend but can view the bid opening at <https://mwrdd.org/bid-opening>.

NO BIDS WILL BE ACCEPTED AFTER 11:00 A.M. ON THE ABOVE SCHEDULED BID DATE. ALL BIDS FAXED, MAILED, EMAILED, OR HAND DELIVERED WILL NOT BE RETURNED TO THE BIDDER. THERE IS NO BID DEPOSITORY SAFE AVAILABLE FOR MAILING OR HAND DELIVERING BIDS. THE DISTRICT WILL ONLY ACCEPT BIDS ELECTRONICALLY UPLOADED TO THE BONFIRE PORTAL (PLEASE SEE INSTRUCTIONS ON HOW TO UPLOAD THE BID RESPONSE ON PAGES BONFIRE-1 AND BONFIRE-2). PLEASE SEE SPECIFIC INSTRUCTIONS ON HOW TO UPLOAD YOUR BID TO THE BONFIRE PORTAL IN THE BID DOCUMENT ENTITLED "SUBMISSION VIA THE BONFIRE PORTAL." BIDS WILL BE DEEMED NON-RESPONSIVE IF NOT SUBMITTED USING THE BONFIRE-PROJECT SPECIFIC URL LINK, PROVIDED BY THE DISTRICT WITH THE BIDDING DOCUMENTS.

Specifications, proposal forms and/or plans may be obtained from the Department of Procurement and Materials Management by downloading online from the District's website at www.mwrdd.org (Doing Business→Procurement & Materials Management→Contract Announcements). No fee is required for the Contract Documents. Any questions regarding the downloading of the Contract Document should be directed to the following email: contractdesk@mwrdd.org or call 312-751-6643.

Further, the District assumes no liability or responsibility for the failure or inability of any Bidder to successfully download any and all contract documents, including but not limited to specifications, proposal forms and/or plans, as a result of any type of technological computer and/or software system failure or breakdown that restricts, prohibits or prevents successful downloading of any and all District contract documents by the Bidder, whether caused by the District or other parties, directly or indirectly.

Tenders are invited for the work consisting of furnishing all materials, labor, and equipment required to:

1. CHEMICAL PHOSPHORUS REMOVAL FACILITY

- a. Furnish and install two (2) fiberglass reinforced plastic chemical storage tanks with heat panels and insulation. Provide heat tracing for the tanks' bottom drains.
- b. Furnish and install a Chemical Tanks Containment Structure, which includes but is not limited to a foundation; concrete secondary containment walls for the FRP storage tanks; and concrete walls and roof for a Chemical Pump Room that will house the chemical dosing pumps and accessories.
- c. Furnish and install three (3) chemical dosing pumps on a single skid.
- d. Furnish and install single-wall PVC piping, double-wall PVC piping, and associated valves. PVC piping runs from the truck unloading connection to the storage tanks, from the storage tanks to the Chemical Pump Room, and from the Chemical Pump Room to Battery A's North Service Tunnel, and from the North Service Tunnel to dosing points at Battery A's Mixed Liquor Channel A-1, Battery A's Mixed Liquor Channel A-2, and Battery B's East Influent Channel. Provide heat tracing for outdoor PVC piping.
- e. Furnish and install a total of three (3) emergency eye wash and shower stations at the following locations: (1) outdoors in the chemical containment area, (2) outdoors at the truck unloading area, and (3) inside the Chemical Pump Room. Furnish and install one (1) tepid water skid outside the Chemical Pump Room, and associated piping, to convey tepid water to the three (3) eye wash and shower stations. Provide heat tracing for outdoor piping.
- f. Furnish and Install (1) wall mounted supply fan, one (1) wall mounted exhaust fan and (1) electric unit heater inside the Chemical Pump Room.
- g. Modify existing Emerson DCS system programming and graphics to provide for the control and monitoring of the entirety of the chemical storage and feed system including integration of dosing pumps, level gauges, and other instrumentation to the DCS.
- h. Demolish and remove existing asphalt or concrete road, gravel and subgrade as required at the work site. Provide modifications to existing roads for truck delivery to the Chemical Tanks Containment Structure. Furnish and install traffic control signage. Restore surrounding site and existing pavement as needed. Grade and provide positive drainage around work site. Provide concrete sidewalks and concrete ramp in vicinity of Chemical Tanks Containment Structure. Provide landscaping to screen the facility from residential buildings to the north, along the berm outside the fence line.
- i. Furnish and install a Chemical Sump Structure, which will collect drainage from the truck unloading area and Chemical Pump Room.
- j. Cut and cap existing utility lines as shown on the Contract Plans. Furnish and install ductile iron piping, copper piping, PVC piping, and associated valves for potable and

non-potable water lines to the Chemical Tanks Containment Structure. Disinfect potable water lines.

- k. Furnish and install HDPE sewers as shown on the Contract Plans.
 - l. Provide improvements to the pavement, fencing, and gate at the Wille Road west entrance.
 - m. Furnish and install power, communication, and lighting for the Chemical Tanks Containment Structure.
 - n. Furnish and install power and connection to DCS for all equipment, including chemical feed pumps, instrumentation, valves, and HVAC work.
 - o. Provide improvements to the pavement, fencing, and gate at the Wille Road west entrance.
 - p. Furnish and install new CCTV cameras, intercoms, and motorized gate operator associated with the new Wille Road automated gate.
 - q. Furnish and install conduit, feeder cables, control cables, A/V communication conductors, grounding, transformers, distribution power panels, disconnect switches, junction boxes, heat tracing, etc., as shown on the Contract plans.
2. PERFORM OTHER WORK AS SPECIFIED IN THE SPECIFICATIONS AND AS SHOWN ON THE PLANS.

The site of construction is at the Kirie Water Reclamation Plant, 701 West Oakton Street, City of Des Plaines, County of Cook, State of Illinois.

The estimated cost of the work under Contract 19-375-3P, is between \$ 5,130,000.00 and \$6,210,000.00.

A Voluntary Pre-Bid Site Walk-Through will be held on Tuesday, April 1, 2025, at 9:00 a.m., Central time, at the Kirie Water Reclamation Plant, 701 West Oakton Street, City of Des Plaines, County of Cook, State of Illinois, 60018. Bidders are **STRONGLY URGED** to inspect all areas of the work sites, prior to bidding, to familiarize themselves with the nature of the work and the method of accomplishing the same. Form SV-1 (Site Visit Release and Indemnity Agreement), which is included in the contract documents, will be required to be completed for each individual choosing to participate in the optional site walkthrough. The completed SV-1 form will need to be provided via email to Matthew Schiltz at SchiltzM@mwr.org prior to the scheduled site walkthrough. Bidders are reminded that no questions will be taken during any site inspections. The District's website (www.mwr.org) will be used for addressing any questions, as indicated in the Invitation to Bid documents for this Contract. The path is as follows: Doing Business → Procurement and Materials Management → Contract Announcements→(Find correct project)→ Ask a Question.

The Voluntary Technical Pre-Bid meeting will be held online via a Zoom meeting on Wednesday, April 2, 2025, at 10:00 a.m. CT. The link to the Zoom meeting is attached in a separate

Word document under the “Additional Documents” column on the District’s website at mwrdd.org (Doing Business→Procurement and Materials Management→Contract Announcements→ (Find correct project)→Bidding Documents). The purpose of the Voluntary Technical Pre-Bid meeting is to review the scope of work, to provide for identification and discussion of potential problems that might arise during the administration of this Contract and seek clarification of technical or procedural aspects of this Contract. There will be a Q&A session at the end of the meeting. Also, suppliers must give their contact information to register prior to entering the Zoom Pre-Bid meeting.

THE BID DEPOSIT FOR THIS PROPOSAL IS \$250,000.00.

Each proposal must be accompanied by a bid deposit in the form of a bid bond in the amount of TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000.00). Each bid bond must be underwritten by a surety licensed to do business in the State of Illinois, listed in the latest copy of the Federal Register and approved by the Director of Procurement and Materials Management. The bid bond must contain signatures from the Bidder and Surety Company. Failure to provide signatures on the bid bond will result in the rejection of the bid. Photographic and/or stamped signatures are acceptable. Any proposal submitted without being accompanied by the required bid deposit, in the aforesaid form, will not be considered and will not be read after it is publicly opened.

Prior to award of the contract, the lowest responsible bidder must demonstrate compliance with the MWRDGC 2017 Multi-Project Labor Agreement by submitting to the Director of Procurement and Materials Management a signed Certification of Compliance with Multi-Project Labor Agreement. The Agreement and Certificate of Compliance are contained in the Contract Documents.

The bid money value of all materials purchased directly by the Contractor, together with the bid money value of all work performed by personnel and facilities provided directly by the Contractor, shall not be less than 25% of the money value of all work performed under this Contract. Any bid money value of work performed by the Subcontractors for work on the job site utilizing Subcontractors' materials, labor and facilities cannot be included in the percent of work to be completed by the Contractor.

Bidders on contracts in excess of Ten Thousand Dollars (\$10,000.00) will be required to comply with the President's Executive Order No. 11246, as amended to date, regarding NON-DISCRIMINATION IN EMPLOYMENT. The requirements for bidders and contractors under this order are explained in Appendix C of the Contract Documents. The provisions of Appendix C also apply to each Subcontractor on contracts in excess of Ten Thousand Dollars (\$10,000.00).

The Bidder agrees to fulfill the Special Training Provisions for Apprentices as specified in Appendix K and to provide training opportunities throughout the life of the contract. For the purpose of this contract, the requirements of the Special Training Provisions for Apprentices are 400 minority hours and 140 female hours.

1.) Each Bidder must submit with their proposals a signed and completed **MBE/WBE Utilization Plan** which lists each business intended to be used as a MBE and WBE on pages UP-2 and UP-3 and supplemental pages as necessary. **The Bidder must sign the Signature Section page on UP-4.** Failure to submit a signed MBE/WBE Utilization Plan will result in a bid being deemed non-responsive and the bid will be rejected. Also, if a Waiver is sought, the Bidder is required to sign

pages UP-4 and UP-5, which is the Waiver Request Form; failure to do so will be viewed as non-responsive and the bid will be rejected.

2.) Each Bidder must submit **with their bid package** an original or facsimile copy of the **MBE/WBE Subcontractor's Letter of Intent, page UP-6** for each subcontractor listed on their MBE/WBE Utilization Plan. The submitted MBE/WBE Subcontractor's Letter of Intent must be completed and signed by the subcontractor and accompanied with a copy of the subcontractor's current Letter of Certification from a state, local government or agency or documentation demonstrating that the subcontractor is a MBE or WBE within the meaning of the **Affirmative Action Ordinance, Revised Appendix D**. Failure to submit the MBE/WBE Utilization Plan signed by the Bidder at the time of the bid opening and the MBE/WBE Subcontractor's Letter of Intent signed by each MBE and WBE will be viewed as non-responsive and the bid will be rejected.

3.) If the Bidder exceeds the allowable **Supplier Utilization** amount which is stated in the bid documents, the bid will be viewed as non-responsive. Therefore, the Bidder may not exceed the use of a MBE or WBE supplier for more than 50% of each respective MBE or WBE, goal, unless the Administrator has authorized a Supplier's Exception notated on page AU-I.

4.) Each Bidder must submit with their proposals a completed VBE Commitment Form which lists each business intended to be used as a VBE. The Bidder must make a “**Good Faith Effort**” to identify eligible Veteran Owned-Businesses by completing the VBE Commitment Form. If the Bidder is unable to identify qualified VBE subcontractors capable of providing goods or services required by the contract, the Bidder must write “**no participation**” on the VBE Commitment Form. Where a Bidder has failed to meet the VBE participation goal, the Administrator shall require the Contractor to submit a Veteran's Business Enterprise Good Faith Efforts Documentation Request Form and provide additional documentation of its good faith efforts in attempting to fulfill the VBE goal.

5) The Contractor must use the District's online compliance monitoring system administered by the Diversity Section for payment and reporting purposes, in order to fulfill the Affirmative Action Program requirements.

The MBE/WBE Utilization Plan **MUST** be signed by the bidder, even if the bidder requests a waiver and/or offers itself to meet any of the Affirmative Action Ordinance Revised Appendix D goals. If the bidder offers itself to satisfy any of the Affirmative Action Ordinance Revised Appendix D goals, then its name shall be shown in the appropriate space(s) on the MBE/WBE Utilization Plan.

Where a bidder is a business owned and controlled by a minority woman (M/WBE) or where the bidder utilizes a M/WBE in a joint venture or as a subcontractor, the bidder may count the M/WBE participation either toward the achievement of its MBE or WBE goal, but not both.

Each Bidder's Utilization Plan must commit to MBE and/or WBE participation equal to or greater than the associated goals unless the Bidder indicates a partial or total waiver request on page UP-5. If a waiver from Appendix D requirements is sought, the Bidder will be required to provide documentation of “Good Faith Efforts” to meet the Appendix D utilization goals, as defined in Section 15(e) of the Affirmative Action Ordinance Revised Appendix D. Subsequent to the bid opening, and if it is determined by the Diversity Administrator that a Contractor's Information

Form is required from the apparent low Bidder, the Bidder must complete and submit the form within three (3) calendar days of receiving the written request.

The work under this contract is classified as “Mechanical” for the MBE, WBE, and VBE utilization goals contained in the Affirmative Action Ordinance Revised Appendix D. The associated goals are 20% Minority-owned Business Enterprises (MBE), 9% Women-owned Business Enterprises (WBE), and 3% Veteran-owned Business Enterprises (VBE). Should you have any questions, please contact the Diversity Office at 312-741-4035. **The MBE, WBE, and VBE goals do not apply to the portion of the work identified in the contract as Allowance Items, Contingency Items and Unit Price Items nor to the portion of the work assigned to the DCS manufacturer (Emerson) in the amount of \$284,684.00.**

It is required that the prospective Bidder indicates participation by signing each applicable MBE, WBE, VBE Utilization Plan contained with the Contract Document.

The bidder to whom the contract is awarded must be prepared to comply with the requirements of the Affirmative Action Ordinance Revised Appendix D, the Appendix V and the Appendix K during the life of the contract.

Any contract or contracts awarded under this invitation for bids are expected to be funded in part by a loan from the Illinois Environmental Protection Agency (IEPA). Neither the State of Illinois nor any of its departments, agencies, or employees is or will be a party to this invitation for bids or any resulting contract. The procurement will be subject to regulations contained in the Procedures for Issuing Loans from the Water Pollution Control Loan Program (35 IAC Part 365), the Davis-Bacon Act (40 USC 276a through 276a-5) as defined by the United States Department of Labor, the Employment of Illinois Workers on Public Works Act (30 ILCS 570), Illinois Works Jobs Program Act (30 ILCS 559/20-1), and the federal “Build America, Buy America Act” requirements contained in the Infrastructure and Investment and Jobs Act, Pub. L. No. 117-58. This procurement is also subject to the loan recipient’s policy regarding the increased use of disadvantaged business enterprises. The loan recipient’s policy requires all bidders to undertake specified affirmative efforts at least sixteen (16) days prior to bid opening. The policy is contained in the specifications. Bidders are also required to comply with the President’s Executive Order No. 11246, as amended. The requirements for bidders and contractors under this order are explained in 41 CFR 60-4.

Federal Regulations regarding labor standards, the Copeland Anti-Kickback Act, equal employment opportunity and access to work shall be in effect. These regulations appear in Appendices B and I in the Contract Documents and form a part thereof. The Bidder must execute Grant Forms Nos. 1, 2, 3, 4, 5 and 6 in the appropriate place in Appendix B as part of the Proposal. **Any Proposal submitted without being accompanied by the executed Grant Forms Nos. 1, 2, 3, 4, 5 and 6 will be rejected as non-responsive.** The Bidder shall specifically take note of Section 7, “Certification,” of Appendix I regarding non-collusion requirements, and shall comply with same.”

Bidders should read the bidding requirements set forth on pages R-1 through R-6, and in particular page R-2, Paragraph 6, in regard to questions on this Contract.

Any potential bidder with questions regarding the meaning of any part of the specifications or other bidding documents should submit such inquiries online at the District’s website, www.mwrdd.org. The path is as follows: Doing Business→Procurement and Materials Management→Contract Announcements. The District will provide an online response to such inquiries, as the District deems

appropriate. Strings of appropriate questions and answers regarding the bidding documents will be available online on the District's website until the bid opening date of the bidding documents. No questions will be accepted by telephone, fax, email, mail, or any other such form of delivery.

The District does not guarantee the timeliness of responses provided online, nor does the District guarantee that such responses will be provided in adequate time to affect the submission of bids. The District shall provide responses online ONLY if the responses do not interpret or otherwise change the bidding documents.

The District's responses online are NOT official responses and, therefore, are not binding to the bidding documents. Any official interpretation or change to the bidding documents will be made only by addenda duly emailed to all plan holders on record by the Director of Procurement and Materials Management.

The District will only respond to questions received online UP TO ONE WEEK prior to the bid opening date of the bidding documents. The District will not respond to questions received after this date.

Bidding documents are only available online, and all addenda issued for this contract will be available online at the District's website, www.mwr.org. The path is as follows: Doing Business → Procurement and Materials Management → Contract Announcements. A copy of such addenda will also be emailed/faxed to each person which downloads a set of such contract documents.

Failure on the part of the prospective Bidder to receive a written interpretation prior to the time of the opening of bids will not be grounds for withdrawal of proposal.

The Project Manager for this contract is Matthew Schiltz. This Project Manager will provide online responses to online inquiries.

All Contracts for the Construction of Public Works are subject to the Illinois Prevailing Wage Act (820 ILCS 130/.01 et.seq.).

The contract will be awarded to the lowest responsible, responsive bidder, unless all bids are rejected.

The Metropolitan Water Reclamation District of Greater Chicago reserves the right to reject any or all proposals.

Metropolitan Water Reclamation District
of Greater Chicago

By Darlene A. LoCascio
Director of Procurement and Materials Management

Chicago, Illinois
March 26, 2025