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. (Chicago time), on the bid opening date, and will be opened publicly by the Director of Procurement and Materials Management or her designee at 11:00 A.M. on Tuesday, November 10, 2020. The public cannot attend but can view the bid opening at http://mwrd.org/bid-opening.

NO BIDS WILL BE ACCEPTED AFTER 11:00 A.M. ON THE ABOVE SCHEDULED BID DATE. ALL BIDS FAXED, MAILED OR HAND DELIVERED WILL NOT BE CONSIDERED AND WILL BE RETURNED TO THE BIDDER. THERE IS NO BID DEPOSIT/REQUIREMENT. ALL BIDS MUST BE ELECTRONICALLY UPLOADED TO THE BONFIRE PORTAL (https://mwrd.bonfirehub.com/). PLEASE SEE SPECIFIC INSTRUCTIONS ON HOW TO UPLOAD YOUR BID TO THE BONFIRE PORTAL IN THE BID DOCUMENT ENTITLED “SUBMISSION VIA THE BONFIRE PORTAL.”

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.mwrd.org (District 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@mwrd.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:

HANOVER PARK WATER RECLAMATION PLANT:

A. DIESTER COMPLEX BUILDING (DCB)
1. Upgrade diestester systems to comply with NFPA 820, including constructing walls to isolate un-classified areas from classified areas and provide access doors for un-classified areas.
2. Remove 480 Volt duct bank in the basement of DCB. Provide new buried duct bank for 480 Volt power feeder cables outside DCB.
3. Remove MCC Nos. 5 and 15 from the DCB. Provide new MCC No. 15, Power Distribution Panel Board No. 15A, No. 15B, No. 15C, and No. 15D in the new East and West Electrical Rooms to feed all existing and new equipment.
4. Remove existing and provide new explosion-proof motors, disconnect switches, pushbutton stations, lighting fixtures, panel boards, instrumentation, telephones, conduit, fittings, wiring, instrumentation, boxes and other appurtenances for existing equipment.
5. Modify existing Telephone, Gas Detection System and Fire Alarm System to accommodate new and hazardous locations.
6. Remove exterior face brick veneer, windows, limestone sills, louvers and provide face brick veneer wall mock-up and infill brick veneer.
7. Provide concrete over infill around existing digester adjacent to building addition.
8. Remove hot water piping as shown on Contract Documents.
9. Remove five hot water boilers and modify hot water piping for the sludge heat exchangers.
10. Provide cap cover infill at removed boiler stacks on existing concrete roof.
11. Remove mechanical and electrical equipment and piping for digester gas mixing systems for digesters Nos. 3, 5 and 6.
12. Remove air compressor, two efficient water pumps, ductwork, water heater, and water piping, near the Gravity Belt Thickener (GBT) area.
13. Provide wall and roof exhaust fans, unit heaters, and electrical infrared heaters.
14. Modify or provide drain floors at various locations.
15. Provide hot water supply and hot water return lines and connect them to the existing headers and branches for air handling units, unit heaters, eyewash stations, and sludge heating.
16. Remove polymer mixing units and eyewash station and provide new polymer mixing units into new polymer room area including epoxy flooring.
17. Extend stainless steel digester gas piping from DCB to new Central Boiler Facility (CBF).
18. Update the Distributed Control System (DCS) to remove unused signals, add new signals, relocate IO currently in classified area to a new cabinet in the unclassified area and provide a new cabinet and associated IO for the Central Boiler Facility.

B. PUMP & BLOWER HOUSE NO. 2 (ADMINISTRATION BUILDING) - (PBH2)
1. Remove two hot water boilers and associated pumps, piping, boiler stack, equipment pad, and associated electrical and control, and architectural work.
2. Remove hot water tank located on the 2nd floor of the PBH2.
3. Remove two primary filter house and one secondary filter house.
4. Remove louvers on South wall, provide new louver on East Wall and perform other architecture work shown on Contract Documents.
5. Provide new exit door on East side of PBH2 exterior and close the exit door on South side of the PBH2 exterior.
6. Connect existing hot water piping with new hot water piping from CBF.
7. Modify existing power feeds in PBH2.
8. Provide new potable piping between DCB and PBH2.

C. CENTRAL BOILER FACILITY (CBF)
1. Provide new East Electrical Room and Central Boiler Facility, east of existing DCB, including all excavation, foundation, structural, architectural, and civil work, including site preparations, regarding and all work as detailed in the Contract Documents.
2. Provide five boilers (three co-firing boilers and two natural gas boilers) and associated natural gas, digester gas, water piping, and associated mechanical, electrical, and control equipment.
3. Provide four boiler water re-circulation pumps, two plant heating water re-circulation pumps, three process heating water re-circulation pumps, and associated mechanical piping, supports, electrical and control systems.
4. Provide two plate heat exchangers for plant heating and two plate heat exchangers for process heating.
5. Provide a hot water generator with 120 gallons storage tank. Provide piping, as required, to connect with existing hot water piping in the PBH2.
6. Provide floor drain and underdrain piping and connect with existing associated piping in the PBH2.
7. Provide roof drain piping and connect with storm drain South of CBF.
8. Design and provide fire sprinkler system to meet the Village of Hanover Park building ordinance, including all the permit and inspection costs.
9. Provide weather-tight continuous expansion joint between PBH2 and CBF.

D. MISCELLANEOUS WORK
1. Remove yard piping and provide new yard piping, remove abandoned buried duct bank.
2. Excavate and rebuild existing drainage ditch outside DCB and new CBF.
3. Demolish existing and install new driveways and culverts outside DCB.
4. Remove planters in front of PBH2.
5. Coordinate with Nicor Gas to remove natural gas meter and provide new gas meter at location indicated on the drawings. Provide temporary buried natural gas piping for boilers and flares in DCB during construction of CBF. Install permanent buried natural gas piping as shown on the drawings.
6. Provide temporary electrical power supply, as required, during the electrical duct bank installation and commissioning.
7. Provide temporary hot water piping for building heat and digester sludge heating, as required.
8. Provide fully furnished Prefabricated Engineering Field Office for use by the District Construction Staff, with concrete pad, utility connections and any site improvements Hand Bide, digester digester.
9. Perform any other work as specified in the Specifications and as shown on the Plans.

KIRIE WATER RECLAMATION PLANT:
A. Remove existing construction trailer and provide fully furnished Prefabricated Engineering Field Office at the same location for use by the District Construction Staff, with utility connections and any site improvements specified.

WEBSTER AVENUE AERATION STATION
A. Remove existing roofing, roof structure, roof mounted air intake penthouses, and exhaust fans, and replace in accordance with the Contract Documents, including furnishing and installing new roof structure, roofing system, air intake penthouses, exhaust fans, and other associated work.

The site of construction is at Hanover Park Water Reclamation Plant, 1200 East Sycamore Ave, Village of Hanover Park, County of Cook, State of Illinois, the Kinn Water Reclamation Plant, 701 W. Oakland Street, Des Plaines, County of Cook, State of Illinois, and the Webster Avenue Aeration Station located at Webster and Ashland Ave and North Branch of the Chicago River, City of Chicago, County of Cook, State of Illinois.
The estimated cost of the work under Contract 19-542-3M, is between $12,083,000.00 and $14,627,000.00.

Each proposal must be accompanied by a bid deposit in the form of a bid bond in the amount of SIX HUNDRED THOUSAND DOLLARS ($600,000.00). Each bid bond must be underwritten by a surety company licensed to do business in the State of Illinois. The surety company, in the amount of the bid bond, to guarantee the bidder's performance of the work. Each 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 MWROGC 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 75% 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 present 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 the Appendix K and to provide training opportunities throughout the life of the contract. The requirements of the Special Training Provisions for Apprentices are 1288 minority hours and 460 female hours for the purposes of this contract.

The bidder shall submit with the Proposal a signed and completed MBE, WBE, SBE Utilization Plan, which lists the firms intended to be used as MBE, WBE, SBE, the type of work or service each will perform, and the dollar amount to be allocated to each MBE, WBE, SBE.

1) Each Bidder must submit with the proposal(s) a signed and completed MBE, WBE, SBE Utilization Plan which lists each business intended to be used as a MBE, WBE, SBE, WBE on pages UP-2, UP-3 and UP-4 supplemental pages as necessary. The Bidder must sign the Signature Section page UP-5, Failure to submit a signed MBE, WBE, SBE 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-5 and UP-6, 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 MBE, WBE, SBE Subcontractor's Letter of Intent, Page UP-7 for each subcontractor listed on their MBE, WBE, SBE Utilization Plan. The submitted MBE, WBE, SBE Subcontractor's Letter of Intent must be completed and signed by the subcontractor and accompanied with a copy of the subcontractor's Certificate of Utilization of Minority, Women, and veteran's business enterprises. The Certificate of Utilization must state: a. status, local government or agency or documentation demonstrating that the subcontractor is a MBE, WBE, or SBE within the meaning of the Affirmative Action Ordinance, Revised Appendix D; b. Failure to submit the MBE, WBE, SBE Utilization Plan signed by the Bidder at the time of the bid opening and the MBE, WBE, SBE Utilization Plan signed by each MBE, WBE, SBE Subcontractor of Intent by each MBE, WBE, SBE, WBE, the bid will be viewed as non-responsive and the bid will be rejected. 3. Each Bidder must submit with their bid package a completed subcontractor's letter of intent. The letter of intent must state that the Bidder will not exceed the use of a MBE, WBE, SBE supplier for more than 25% of each of the respective MBE, WBE, SBE, goal. The Director of Procurement and Material Management has authorized a Supplier's Exception noted on page AU-1.

4) Each Bidder must submit with their proposals a completed VBE Commitment Form which lists each business to be used as a VBE. The Bidder must make a “Good Faith Effort” to identify eligible Veteran Owned Business 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 Form and provide additional documentation of its good faith efforts in attempting to fulfill the VBE goal.

The Utilization Plan MUST be signed by the bidder, even if the bidder utilizes a M/WBE in a joint venture or as a subcontractor, the bidder may count the M/WBE participation toward the achievement of its MBE or WBE goal, but not both.

If a waiver from the Affirmative Action Ordinance Revised Appendix D requirements is sought, the bidder should include with the bid package documentation of good-faith efforts to meet the Affirmative Action Revised Appendix D Utilization goals. Subsequent to the bid opening and if it is determined by the Affirmative Action 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) days of receiving the written request. The work under this Contract is classified as “Mechanical” for the MBE, WBE, SBE 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), 10% Small Business Enterprises (SBE), and 3% Veteran Business Enterprises (VBE). Should you have any questions, please contact the Diversity Office at 312-751-4035. The MBE, WBE, SBE utilization goals do not apply to the portion of the work assigned to the DC's manufacturer Emerson (COST PROPOSAL B).

The bidder to whom the contract is awarded is required to prepare and comply with the requirements of the Affirmative Action Ordinance Revised Appendix D 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 the Illinois Environmental Protection Agency (IEPA) is an insurer or guarantor of the work which is the subject of this invitation for bids. Neither the State of Illinois nor the Illinois Environmental Protection Agency (IEPA) will be a party to this invitation for bids, or any resultant contract, and no State agency, officers, or employees will be responsible in any way for the performance of the work or the work. The Bidder shall specifically take note of Section 7, “Certification,” of Appendix I regarding non-compliance requirements, and shall comply with same.

Bidders should read page 2, Paragraph 6, in regards 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.mwrd.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 soon as practicable. Site agents 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 off

The work and materials under this Contract are subject to the District's policy regarding the increased use of small, woman-owned Business Enterprises (MBE), 9% Women-owned Business Enterprises (WBE), 10% Small Business Enterprises (SBE), and 3% Veteran Business Enterprises (VBE). Should you have any questions, please contact the Diversity Office at 312-751-4035. The MBE, WBE, SBE utilization goals do not apply to the portion of the work assigned to the DC's manufacturer Emerson (COST PROPOSAL B).

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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.

The Project Manager for this contract is Mr. Chris Nam. This Project Manager will provide online responses to online inquiries.

The contact person for this site is Mr. Sanjay Goel (708) 714-4080 x708-4485 or GoelS@mwrd.org

All contracts for the Construction Works are subject to the Illinois Prevailing Wage Act (820 ILCS 150/1 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 and all proposals.

Metropolitan Water Reclamation District of Greater Chicago

By: Darlene A. LoCascio
Director of Procurement and Materials Management

Chicago, Illinois
October 7, 2020