

**SECTION 00110
NOTICE TO BIDDERS**

FILING OF SEALED BIDS

Sealed Bids will be received by Iowa Great Lakes Sanitary District ("OWNER"), 303 28th Street, Milford, Iowa 51351 until 11:00 a.m., on August 15, 2017, for the construction of the proposed Project 2017-2, Telemetry System Upgrades, Phase 3 – PLC Improvements, for said OWNER, as described in the in the project manual and drawings therefore on file in the office of the Iowa Great Lakes Sanitary District.. Bids will be publicly opened, read, and tabulated on the day and hour specified above, and will be acted upon by the OWNER at that time or at such later time and place as the OWNER may then determine.

GENERAL PROJECT DESCRIPTION

All Work, materials, and equipment are to be in accordance with the Contract Documents on file in the Iowa Great Lakes Sanitary District, and at the office of HR Green, Inc., 5525 Merle Hay Road, Suite 200, Johnston, IA 50131 by this reference made a part hereof as though fully set out and incorporated herein.

The Work for the said improvement, as required by the Contract Documents, is generally described as follows:

- Replace and modify existing lift stations' control systems and instrumentation and replace and modify existing collection system and wastewater treatment plant (WWTP) Supervisory Control And Data Acquisition (SCADA) systems. The work includes:
- Remove and replace existing Allen-Bradley SLC-5/03 Program Logic Controllers (PLC's) and Input/Output (I/O) cards at 49 lift stations with Allen-Bradley CompactLogix PLC's and I/O cards and transfer existing PLC programs to the Allen-Bradley CompactLogix PLC's;
 - Remove and replace existing the Allen-Bradley PLC 5 and I/O cards at the WWTP Main SCADA control panel with a Allen-Bradley CompactLogix PLC and transfer existing PLC program to an Allen-Bradley ControlLogix PLC;
 - Establish communications to all lift stations from the WWTP Main SCADA control panel, revising PLC polling program as required to initially communicate to all sites via the PLC serial connection, then once all lift stations PLC's are replaced and successfully communicating over the serial port, switch all PLC communications to Ethernet communications ports and verify communications to all lift stations via Ethernet;
 - Provide and install SCADA/PLC control panels with telemetry radios (provided by Owner) to 2 existing lift stations that currently are not SCADA connected;
 - Provide and install position contacts to 64 manual transfer switches and conduit/wire to local SCADA panels to view manual transfer switch positions through the SCADA system;

- Provide and install position contacts to 20 automatic transfer switches and conduit/wire to local SCADA panels to view manual transfer switch positions through the SCADA system;
- Provide and install pressure/level sensors on the existing bubbler system at 16 lift stations and conduit/wire into the local SCADA panels to view level through SCADA and to control pumps;
- Provide and install submersible pressure/level sensors at 35 lift stations and conduit/wire into the local SCADA panels to view level through SCADA and to control pumps;
- Combine the separate wastewater plant and the lift station WonderWare software programs into one common WonderWare System Platform software package, installing related hardware as indicated in the specifications and on the drawings;
- Verify successful transition to new WonderWare software package;
- Revise/Generate the lift station SCADA software screens as required by specifications;
- Revise/Generate the lift station SCADA software reports as required by specifications;
- Associated electrical and controls, and;
- All project closeout items associated with the project.

All labor for construction shall be furnished as part of the work.

The Iowa Great Lakes Sanitary District, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Work under the proposed Contract Documents shall be commenced upon written Notice to Proceed to be issued on or before September 5, 2017 and shall be substantially complete by August 10, 2018 and ready for final payment on or before August 31, 2018, subject to any extension of time, which may be granted by the OWNER.

PRE-BID CONFERENCE

Prospective bidders are encouraged to attend a pre-bid conference discussion of the proposed Work which will be conducted jointly by the OWNER and ENGINEER at 11:00 a.m. on August 8, 2017 at IGLSD WWTP (303 28th Street, Milford, Iowa). The objective of the conference is to acquaint bidders with the work and representative site conditions.

OTHER PERTINENT INFORMATION

Each Bid shall be made on the Bid Form prepared for this purpose, which may be obtained from the ENGINEER. Any alteration in the official Bid Form will entitle the OWNER, at its option, to reject the Bid from consideration. Each Bid shall be accompanied by a Bid Bond or a certified cashier's check, drawn on a solvent state or national bank, or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States, and filed in a sealed envelope separate from the one containing the Bid. The Bid Bond shall be substantially in the form set forth in the Contract Documents. The Contractor's certified check or Bid Bond shall be in an amount equal to five (5) percent of the amount of the Bid, made payable to the OWNER. The check may be cashed for the full amount by the OWNER or the Bid Bond forfeited in the full amount to the OWNER as liquidated damages in the event the successful Bidder fails to enter into contract and file acceptable bonds satisfactory to the OWNER assuring the faithful fulfillment of the contract and maintenance of said improvements as required by law within ten (10) days after the acceptance of the Bid.

The OWNER reserves the right to reject any or all Bids, to readvertise for Bids or to defer action on the Bids received for a period not to exceed 30 days from and after the date and time specified in this Notice of Hearing and Letting for receiving said Bids, and to waive irregularities and informalities.

The successful Bidder will be required to furnish a Performance and Maintenance Bond and a Payment Bond, each in an amount equal to one hundred (100) percent of the contract price. Said bonds to be issued by a responsible Surety approved by the OWNER and shall guarantee that the Principal shall promptly make payment to all persons, firms, Subcontractors, and corporations furnishing materials for or performing labor in the performance of the Work stated and the faithful performance of the contract and the terms and conditions therein contained and the guarantee and maintenance of said facilities in good repair and working conditions for not less than two (2) year(s) from the time of final acceptance of such improvements by the OWNER.

Payment of the cost of said project will be made from cash on hand and/or received, payable from any fund or funds of OWNER which may be legally used for such purpose, including, but not limited to, any of the following sources, or any combination thereof, at the sole discretion of OWNER: (1) past and/or future earnings of OWNER'S utility; (2) proceeds of the sale and issuance of General Obligation Bonds and/or revenue bonds (or project notes anticipating the sale of such bonds); (3) federal, State or local grants or loans; and (4) proceeds from the sale of warrants, as authorized by Section 384.57 of the Code of Iowa. Payments will be made to the Contractor in accordance with the Contract Documents.

Construction items and materials included in the Project are exempt from State of Iowa and Local Option Sales and Use Taxes. Contractor is responsible for obtaining the exemption on items included, as provided by law or for applying for reimbursement for such taxes paid. Contractor shall pay all other taxes required to be paid by Contractor in accordance with the laws and regulations of the place of the Project that are applicable during the performance of the Work. Contractor shall NOT include Sales and Use Tax in Contractor's bid. For more

information on this exemption, please check the State of Iowa's website:
www.state.ia.us/tax/business/Contr-ExEnt-Index.html.

By virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa domestic labor, to the extent lawfully required under Iowa statutes provided that the award of contract will be made to the lowest responsible bidder submitting the lowest responsive bid, which shall be determined without regard to state or local laws whereby preference is given on factors other than the amount of the Bid.

Electronic copies of said Contract Documents and the Bid Form may be secured by contacting HR Green, Inc., at 515-278-2913 and asking for Jessica Luck or Kelly Muhlena or by sending an email to jluck@hrgreen.com or kmuhlena@hrgreen.com. There is no charge for the plans and specifications. **Electronic plans and specifications are in Portable Document Format (PDF) and are available to download from our FTP site. Please contact us for download instructions.**

This public improvement is being constructed pursuant to the provisions of Chapters 26 and 573 of the latest edition of the Iowa Code, including revisions.

Posted upon order of the Iowa Great Lakes Sanitary District.

Iowa Great Lakes Sanitary District

/s/


Robert H. Boottcher, President


John Senn, Vice Chair

ATTEST:

/s/


Kae Hoppe, Clerk/Secretary

END OF SECTION 00110