

NORTH TONAWANDA
Dept. of Youth, Recreation, Parks & Seniors

500 Wheatfield Street
North Tonawanda, NY 14120
Phone: (716) 695-8520
Fax: (716) 695-8533



www.ntparksrec.com

June 17, 2022

REQUEST FOR FORMAL BIDS

Bid Title: Deerwood Golf Course Pump Station Upgrade
Bid Due Date: Tuesday July 12, 2022 @ 11:00am
Submit To: City Clerk/Treasurer Office
216 Payne Ave
North Tonawanda, NY 14120

The North Tonawanda Department of Youth, Recreation & Parks is seeking bid proposals for upgrades to the Deerwood Golf Course to the pump station, which includes materials and installation. For consideration, the proposal must include proof of experience working on golf course irrigation by providing a list of three references for golf course related projects.

Proposal scope calls for the following specifications (product specifications should be of equal or comparable product/specifications).

Bid Specifications:

Requirements: 1200 GPM at 120 PSI at station discharge
Supply Power: 460/3/60
Pumpset: 18'
Wetwell Depth: 20'
Wetwell Size: Unknown

PROPOSAL SCOPE

1 Ea. MCI UL Listed QCZJ Packaged Pump Station

UL Listed Pump Station complete with skid, sch40 steel manifolds, isolation valves, vertical turbine pumps/motors, check valves and discharge flow meter. Standard MPC controls with single VFD drive and alternating contactors so each main motor may run XL or VFD. Built under ISO9001:2015 certification.

MPC Standard Controls

- UL 508a Listed Control Panel
- Short Circuit Current Rating 100 ka
- NEMA 3R Enclosure
- 3 Point Latch
- Carbon Steel w/ Powder Coat Finish

- UL Listed heat exchanger
- 200-amp Main Fused Disconnect
- Type 1 Surge Protection w/status indicators
- Incoming Line Phase Monitor w/primary fusing
- PM Pump 5 HP
- Class J fuses/block per contactor
- AB Contactor w/1 AB SS OL per motor

3 Ea. Main Pump 40 HP

- 1 Ea. 40HP Danfoss Aqua Drive w/high speed JKS fuse protection
- 3 ½% DC Input Link Reactor
- Door Mounted Keypad
- DTW-272 40HP 6 Year Warranty on Danfoss VFD which includes coverage against damages from momentary line or load anomalies such as lightning strikes.
- Class J fuses/block per contactor
- AB Interlocked Contactors w/1 AB SS OL per main motor
- AB compactlogix PLC Platform
- AB 10" Panelview +7 Color HMI
- Inhand Network Switch with Modem
- AB DC Power Supply
- AB "Full Size" 30 mm N4 Door Devices
- Green Illuminated Switch per pump
- System Switches: System Control, Low Discharge, VSD Bypass, PLC Bypass, Speed Pot and Red Illuminated Fault Push Button
- GFCI Outlet
- Control Power Transformer w/primary/secondary fusing
- Flow Signal Input: Pulse
- Lake Level Controls
- HOA Selector Switch
- PNR & Probes
- Fertigation Relay

Safeties

- Low level shutdown
- Low discharge pressure shutdown
- High discharge pressure shutdown w/auto restart
- VSD fault with auto restart
- Solid State Overload shutdown per motor
- Phase Failure, imbalance and low voltage protection

Operation Features

- Lamp Test Function
- Automatic alternation of pumps based on least run time
- Intelligent Slow Ramp feature for automatic line fill
- VFD Bypass
- 10" Color Touch screen interface
- 3 Year Flow Total Logging Day/Week/Month/Year
- Pump Run Times
- Event Log
- Flow and Station Trending
- Assignable I/O

- MPC Remote Cell Monitoring w/1 Year Activation
- Remote pump station disable feature from any smart device or PC
- Factory support remote access to PLC/HMI and VFD for programming and troubleshooting
- nSite, MCI's Cloud Based Solution NO SUBSCRIPTION FEE
- Scheduled monthly email with flow report in Excel format
- Access to one full year of pressure, flow, alarms and event data

Alert Notifications

- Manage maintenance due dates for all aspects of maintenance on your pumping Station
- Warning light, display message and email alert when due.
- Monitor and report irregular operation of irrigation system, pump system and filter system.

Instrumentation

- SS Wika Panel Mounted Pressure Transducer 0-250 PSIG
- DI220B Flow sensor
- Durachoice 4" Pipe Mounted Pressure Gauge/s w/316SS isolation ball valve/s

Pumps

- 3 Ea. 40 HP Goulds Model 11RAHC 5STG Vertical Turbine Pumps, (80.20% Efficiency), 9' Pump Length (Unconfirmed), each rated for 400 GPM @ 296'TDH including station losses. To include:
 - Cast Iron Bowls w/316 Investment cast SS Impellers
 - 416SS Stainless Steel Shafting
 - 416SS impeller collets
 - Water lubricated line shaft bearings with maximum 5 ft. spacing
 - MCI custom leak less packing system designed to prevent water from leaking on the pump skid.
 - MCI Fusion Bonded Epoxy coated internal/external Fabricated Steel Discharge Heads
 - Threaded Carbon Steel Column pipe, Standard wall thickness, 5' ft. sections.
 - Stainless Steel Pump Strainer
 - 40 HP, 1800 RPM, 460/3/60, premium efficient, Vertical Hollow Shaft Motors with motor space heaters and non-reverse ratchets.
- 1 Ea., PM, 5 HP Submersible SS Pump & Motor. With 2" Fusion Bonded Epoxy Coated pump head and 304SS discharge threaded column pipe.

Isolation Valves

- 6" Bray 31H NSF61 Certified Station Discharge isolation butterfly valve w/lever operator, 316SS disc and EPDM elastomers, fusion bonded body, rated for 250PSI.
- 2" and 6" Anvil Gruvlok Pump Isolation Valves with lever actuator.
- 2" and 6" Pump silent wafer check valves coated with fusion bonded epoxy and SS disc.
- 316SS threaded ball valves, 1.5" and below

Relief Valves Standard

- Fusion Bonded Epoxy Inside/Out w/ Bronze Trim
- ClaVal 50-01 3" Station pressure relief valve with bronze trim, piped to wetwell with Discharge isolation butterfly valve w/lever operator, SS disc and EPDM elastomers, fusion bonded body.

Skid

- 6" Structural skid system
- Integral Wet Well Access Hatch(s)
- Steel Grit blasting to SSPC-10 of station structural steel.
- PPG Enviracryl Zinc epoxy powder coat Primer
- Poly Powder coated non-skid paint system

Piping

- Steel Grit blasting to SSPC-6 of station piping.
- NSF61 fusion bonded epoxy powder coating of all piping 2" and above internal and externally.
- Piping 2" and below to be 304SS
- Hose Bibb connection
- ¾" – TOL's

Warranties

- 6-year warranty on Variable frequency drive (Includes lightning damage coverage and labor to replace)
- 6 Year Warranty on ALL COMPONENTS IN ELECTRICAL PANEL, Inclusive of power related damage such as lightning.

Installation

- Include removal of old pumps and equipment
- Installation of new pumps and equipment including:
 - Loading
 - Setting in place
 - Wiring of all motors & controls
 - Final wiring from building disconnect to new pump station control panel

Pricing should include:

- Freight, equipment necessary for install (crane, etc).

Bids must be submitted in a sealed envelope by Tuesday July 12, 2022 @ 11:00am to:

North Tonawanda City Hall Clerk's Office
Attn: Golf Course Pump House Upgrade Proposal
216 Payne Ave
North Tonawanda, NY 14120

Pre-bid meeting:

To view the current pump house and ask any technical questions regarding the project, a pre-bid meeting will be held **onsite Tuesday June 28, 2022 @ 11am (exact pump house location is 83 Old Falls Boulevard, North Tonawanda NY 14120)**. All other questions prior to or after pre-bid meeting can be submitted in written form to alex@northtonawanda.org.

NOTICE TO BIDDERS

All bids shall be submitted to the City Clerk's office in a sealed envelope addressed to the City of North Tonawanda and shall be plainly marked on the outside with the Contractor's name and title of the bid. No bidder may withdraw their bid within sixty (60) days after the opening thereof, but may withdraw it at any time prior to the opening thereof. Bidder must sign the statement of non-collusion in accordance with the Chapter 751 of the Laws of the State of New York.

General Conditions:

1. AWARD OF BID:

It is mutually understood and agreed by and between the Director of Youth, Recreation & Parks and the Bidder that the Director may make his award. The Director reserves the right to not award an item due to fiscal limitations.

2. FAITHFUL PERFORMANCE:

If the aggregate amount of the Contract awarded to any one bidder is more than \$1,000.00 the City of North Tonawanda will require the successful Bidder to execute a Performance Bond with corporate security to be approved by the City of North Tonawanda for the full amount of the Contract.

3. DEFINITION OF TERMS:

The singular, as used herein, shall include the plural, the masculine shall include the feminine and neuter; the "Articles" shall include supplies materials and equipment and all incidental work and labor, if the same is contemplated in these specifications. Where the term, "Director" is used, it shall be taken to mean the Director of Youth, Recreation & Parks, or his authorized representative. The term "Dept" will mean the North Tonawanda Dept. of Youth, Recreation & Parks.

4. BRAND NAMES, CATALOG REFERENCES, ALTERNATIVES:

Where brand name or catalog reference is included in the specifications, it shall be interpreted to mean that the proprietary product or equal shall be approved and is not intended to limit competition. If item bid is not the particular brand name product, Bidder shall state in his Bid what he is bidding on as an equal, or as an alternate. Catalog cuts and descriptive material shall accompany the bid. In all cases, final judgement as to whether or not an item meets the specifications rests with the Engineer.

5. PROVISION OF LIST OF REFERENCES:

Vendor shall provide a list of references and project descriptions for projects that indicate the Vendor's qualifications and ability to successfully complete and provide the play device specified. Note: A minimum of three golf course related irrigation projects should be highlighted with references.

6. **PRICING:** All bids shall be lump sum unit prices including material and installation. Prices must be firm for at least 120 days and without escalator clause.
7. **TAXES:** No charge will be allowed for Federal, State or Municipal Sales and Excise Taxes, from which the City of North Tonawanda is exempt. The price bid shall be net and shall not include the amount of any such tax. Exemption Certificates will be furnished upon request of the successful bidder.
8. **WARRANTY:** The successful Bidder shall guarantee his installation work for a period of at least one year against faulty construction and/or inferior materials. Any apparent defect or hazard caused by negligence or defective workmanship on the part of the successful Bidder shall be corrected immediately or as soon as feasible upon notice from the City of North Tonawanda.
9. **PAYMENTS:**
 - A. The CITY agrees to compensate CONTRACTOR for the provision of all goods and services set forth in the Request for Proposals and as stated in CONTRACTOR's Proposal
 - B. Services undertaken or expenses incurred that exceed the amount set forth in this Contract without prior written authorization from the CITY shall be the sole liability of CONTRACTOR.
 - C. CONTRACTOR waives consequential or incidental damages for claims, disputes or other matters in question arising out of or relating to this Contract.
 - D. In order for both parties herein to close their books and records, CONTRACTOR will clearly state "final invoice" on CONTRACTOR's final/last billing to the CITY. This certifies that all goods have been provided and services performed and all charges have been invoiced to the CITY. Since this account will thereupon be closed, any and other further charges if not properly included in this final invoice are waived by CONTRACTOR. The CITY will not be liable for any invoice from CONTRACTOR submitted thirty (30) days after the provision of the required goods and services.
 - E. If the CITY disputes any invoice or part of an invoice, CITY shall notify CONTRACTOR of such dispute within fifteen (15) days of receipt of the invoice. CITY reserves the right to off-set, reduce or withhold any payment to CONTRACTOR in accordance with the terms and conditions of this Contract.
10. **QUALIFICATIONS OF BIDDER:** The Director may make any investigation he deems necessary to determine the ability of the Bidder to meet the terms of the specifications covered by this Contract. The Bidder shall furnish all such information and data for this purpose as the City of North Tonawanda may request.
11. **CONFLICT OF INTEREST:** Each Bidder must state that no officer or employee of the Dept. is directly or indirectly interested in the proposal.
12. **OBLIGATIONS OF SUCCESSFUL BIDDERS:** The Bidder agrees if awarded the Contract to furnish and deliver the said rehabilitation at such time, and to such place, and in such quantities as herein specified and that the articles shall be new and in good condition, and shall be subject to inspection and approval by the City.

In the event that the successful Bidder shall neglect or refuse to furnish and deliver said device, or any part thereof, as provided in these specifications, or to replace any which are rejected, as stated in the preceding paragraph, then the Director may purchase such device, in conformity with this Contract, from such party or parties, in such quantities and in such manner as it shall select at the expense of the successful Bidder, or may cancel this contract reserving to itself, nevertheless, all rights for damages which may be incurred by the City of North Tonawanda.

The Bidder agrees that if he is awarded the Contract, he will not assign, transfer or sublet it, unless specific permission to do so is granted, in writing, by the City of North Tonawanda, nor will he assign in whole or in part any rights or privileges which may accrue to him under the terms of the Contract or any money which may become due to him thereafter.

The Bidder further agrees that, if awarded the Contract under these specifications, he will indemnify and save harmless the City of North Tonawanda from all suits and actions of every nature and description brought against them, or any of them, growing out of any Contract or Contracts, written or verbal, entered into between the City of North Tonawanda and the successful Bidder, and further, that upon awarding the Contract to the successful Bidder in accordance with these specifications, this agreement of indemnification shall automatically become effective.

13. PART OF PROPOSAL:

These General Conditions are to be considered an integral part of all proposals.

14. INSURANCE:

The Contractor shall take out and maintain during the life of this Contract such Public Liability and Property Damage insurance as shall protect him and any subcontractor performing work covered by this Contract, from claims for damages, for personal injury, including accidental death, as well as from claims for property damage, which may arise from operations under this Contract whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them and the amounts of such shall be as follows.

Public Liability Insurance in the amount not less than \$1,000,000 per occurrence, \$3,000,000 general aggregate.

Insurance Coverage for Owner- The Contractor shall procure and shall maintain during the life of the Contract, insurance and bonds for the benefit of the Owner, its agents, including the Engineer, surveyors and inspectors, protective public liability and property damage insurance with limits of not less than \$1,000,000 covering the liability for damages imposed by law upon Owner or its representative or agents with respect to all operations under the agreement with the Contractor or subcontractors, which must include within its coverage omissions and supervisory acts of the employees or agents of the insured and/or of the agents, engineers, inspectors or employees of this municipality or the City of North Tonawanda Dept. of Youth Recreation * Parks of public utility which may have granted permits in connection with the work. Owner and agents shall be specifically named on said policy. Proof of carriage if required insurance shall be furnished to the Owner.

15. NON-DISCRIMINATION REQUIREMENTS:

Consistent with federal and state anti-discrimination provisions, the vendor agrees not to discriminate against any employee or supplier on the basis of race, creed, color, disability, sex or national origin; or against any applicant for the employment on the basis of race, creed, color, disability or national origin.

GENERAL MATERIAL AND INSTALLATION GUIDELINES

1. The bid quote should include both the cost of materials and installation as specified.
2. A written award notice will be forwarded by the Director of the Department of Youth, Recreation & Parks following the Bid Opening. The contract order will be officially awarded at the following Common Council Meeting.
3. All areas affected by the work must be returned to their original condition and approved by Dept.
4. Additional questions regarding the project may be obtained from the Director, Alex Domaradzki at 695-8520 x5500, email: alex@northtonawanda.org

**BID PROPOSAL
DEERWOOD GOLF COURSE PUMP STATION UPGRADE
CITY OF NORTH TONAWANDA, NY 14120**

JOB TITLE: Deerwood Golf Course Pump Station Upgrade
JOB LOCATION: 1818 Sweeney Street, North Tonawanda NY 14120
REQUESTED BY: North Tonawanda Department of Youth, Recreation & Parks
BID SPECIFICATIONS: Proposal based of bid specifications in the bid solicitation. Due by 3pm July 12, 2022

VENDOR INFORMATION:

Company Name: _____ Phone: _____

Address: _____ Contact Name: _____

Email: _____

Total Bid Price: \$_____

In your proposal be sure to include the following...

✓ **REFERENCES:**

Provide job descriptions from relatable golf course projects (minimum 3) completed by your company including date of each project, size of project, work completed, and reference information for contact.

✓ **PROPOSAL DESCRIPTION (INCLUDE ITEMIZED COSTS FOR LABOR & MATERIAL, ETC)**

If company standards differ from the repair and refinish specifications above, please provide a list of recommended procedural work to be expected by your company to complete the project to satisfactory conditions

✓ **PROPOSED JOB TIMELINE:**

Include proposed start date, and earliest potential completion date. Should there be reasons for not being able to meet this deadline (April 1, 2023) please provide details as to the earliest projected finish date.

PROPOSAL ACCEPTANCE

I the undersigned herewith, propose to furnish the City of North Tonawanda, New York and the Department of Youth, Recreation & Parks, all items upon which we have bid for the prices herein, in accordance with the designated specifications.

The undersigned Bidder certifies to having read the instructions to bidders, the General conditions, the supplementary General Conditions (if applicable) and Non-collusive Bidding Certification and offers to furnish the articles specified to the Director of Youth, Recreation & Parks in the exact accordance with specifications and prices stated.

Non-collusive bidding certification. By submission of this bid proposal the bidder certifies that:

- (a) This bid proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;
- (b) This bid proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids for this project, to any other bidder, competitor or potential competitor
- (c) No attempt has been made or will be made to induce any other person, partnership or corporation to submit or not to submit a bid proposal.
- (d) The person signing this bid proposal certifies that he has fully informed himself regarding the accuracy of statements contained in this certification, and under penalties of perjury, affirms the truth thereof, such penalties being applicable to the bidder as well as the person signing its behalf;
- (e) That attached hereto (if a corporate bidder) is a certified copy of the resolution authorizing the execution of this certificate by the signatory of this bid proposal in behalf of the corporate bidder.

Total Bid Price: \$ _____

Authorized Representative Signature: _____

Print Representative's Name: _____

Title of Representative: _____

Company Name: _____

Mailing Address: _____

Telephone Number: _____

Email Address: _____