

CITY COUNCIL MINUTES

December 13, 2021

Budget Amendment and Standard Purchasing Resolution 2: Low Bidder Meeting Specifications – Replacement of Pump Station Located at the Sanctuary Lake Golf Course (Introduced by: Nikki McEachern, Assistant Recreation Director)

Resolution #2021-12-198

Moved by Erickson Gault
Seconded by Abraham

RESOLVED, That Troy City Council hereby **AWARDS** a contract for the Replacement of the Pump Station at Sanctuary Lake Golf Course to low bidder meeting specification, *Mid-Ohio Electric Company of Columbus, OH*, at prices contained in the bid tabulation opened December 2, 2021, a copy of which shall be **ATTACHED** to the original Minutes of this meeting, for an estimated total cost of \$154,967.49 and a 10% contingency not to exceed amount of \$170,500.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** a budget amendment in the amount of \$170,500 to the Sanctuary Lake Golf Course Buildings and Improvements General Repairs Capital Fund.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon the contractor's submission of properly executed documents, insurance certificates, and all other specified requirements.

Yes: All-7

No: None

MOTION CARRIED

PURCHASE ORDER

No. 2022-00000813
 DATE: 12/16/2021
 PAGE: 1 of 1
 FOB DESTINATION

Ship To
 CITY OF TROY
 Parks and Recreation
 3179 LIVERNOIS
 TROY, MI 48083

Bill To
 CITY OF TROY
 Parks and Recreation
 3179 LIVERNOIS
 TROY, MI 48083

COUNCIL RESOLUTION
 2021-12-198

VENDOR NO. 176435

Vendor
 MID-OHIO ELECTRIC COMPANY
 1170 MCKINLEY AVE
 COLUMBUS, OH 43222

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	Each	Replace Pump Station at Sanctuary Lake Golf Course	154,967.4900	\$154,967.49
Entered By: Emily Frontera				\$154,967.49

Special Instructions:

CITY COUNCIL AWARD DATE: 12/13/2021. Contract to dismantle and dispose of current pump station and install new pump station at Sanctuary Lake Golf Course as per all specifications and scope of work in accordance with ITB-COT 21-53. CERTIFICATES OF INSURANCE and ENDORSEMENTS and all BONDS shall be on file for duration of project.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTICE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

I HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.

Emily Frontera

CITY OF TROY
 BID TABULATION
 PUMP STATION REPLACEMENT

VENDOR NAME:	ProPump and Controls, Inc.	Mid-Ohio Electric Company	Detroit Pump & Manufacturing
CITY:	Shelbyville, KY	Columbus, OH	Warren, MI
CHECK NUMBER:	30189	3406831	None Submitted
CHECK AMOUNT:	\$5,000.00	\$5,000.00	

PROPOSAL: FURNISH ALL EQUIPMENT, MATERIAL AND LABOR TO DISMANTLE AND DISPOSE OF CURRENT PUMP STATION AND INSTALL NEW PUMP STATION AT SANCTUARY LAKE GOLF COURSE

COMPLETE FOR THE SUM OF:	\$138,089.11	\$154,967.49	\$238,768.00
CONTACT INFORMATION: Name:	Chis Orrel	Robert Calkins	Raymond Lim
24 Hr. Phone No.:	563-564-9413	614-956-8234	248-890-0301
Hours of Operation:	7AM - 6PM	7AM - 6PM	8AM - 4:30PM
REFERENCES: Y or N	Y	Y	2 given
PROPOSED PAYMENT SCHEDULE:	Net 30 Day After Invoice	65% due at delivery; balance due net 30 after final start-up	20% upon submittal approval; 60% upon delivery of equipment; 20% upon completion & start-up.
CAN MEET COMPLETION DATE: Y or N	No - Approx 6/30/21	No - 18-22 weeks after signed contract & drawing approval	Y
DAYS AFTER NOTICE WORK WILL COMMENCE:	Not Specified	Not Specified	140
MANDATORY SITE INSPECTION: Y or N	Y	Y	Y
INSURANCE MET: Y or N	Y	Y	Y
PAYMENT TERMS:	Not Specified	Net 30 days from completion	Payment Schedule
WARRANTY:	2 Years	2 Year	1 Year
COMPLETION DATE:	ASAP	TBD	Not Specified
EXCEPTIONS: Y or N	Pump station manufacturer is on 20 plus week lead time.	Mfer estimates shipment at 18-20 wks after receipt of signed contract & approved drawing. After shipment project can be completed within a week	1. Permits; 2. Foot Values (Reuse existing foot valves); 3. Existing suction and discharge piping to the bldg we are intending to reuse.
ACKNOWLEDGEMENT: Y or N	Y	Y	Y
SCHEDULE OF VALUES: Y or N	Y	Y	Y
BIDDER QUESTIONNAIRE: Y or N	Y	Y	Y
3 ADDENDUMS: Y or N	N	Y	N
FORMS: Y or N	N	Y	Y

ATTEST:

(*Bid Opening conducted via a Zoom Meeting)

 Brian Goul

 Dennis Trantham

 Heather Chorniak

 Andrew Chambliss

 Emily Frontera
 Purchasing Manager



ELECTRONIC BID PROPOSAL

The undersigned proposes to **FURNISH ALL EQUIPMENT, MATERIAL AND LABOR TO DISASSEMBLE AND DISPOSE OF CURRENT PUMP STATION AND INSTALL NEW PUMP STATION AT THE SANCTUARY LAKE GOLF COURSE AS SPECIFIED** in accordance with the attached specifications, which are to be considered an integral part of this proposal, at the following prices:

COMPANY NAME: Mid-Ohio Electric Company

The document contains the following sections:

Bid Proposal (8 pages)	Public Act 57 Forms (2 pages)
Schedule of Values (1 page)	Forms (5 forms)
Vendor Questionnaire (1 page)	Sample Insurance Certificate (4 pages)
Specifications (6 pages)	Statement of No Bid (1 page)
Bonds (4 pages)	

PROPOSAL: DISMANTLE AND DISPOSE OF CURRENT PUMP STATION AND INSTALL A NEW PUMP STATION AT THE SANCTUARY LAKE GOLF COURSE

LUMP SUM PROPOSAL TO COMPLETELY REMOVE, DISPOSE OF, AND INSTALL A NEW PUMP HOUSE AND EQUIPMENT. Site visit is mandatory.

COMPLETE FOR THE SUM OF: \$ 154,967.49

SCHEDULE OF VALUES: The City of Troy may be required to add or delete work due to unforeseen circumstances. Therefore, a unit price schedule shall be attached to your bid document at the time of submission which indicates unit prices for all items to be used during the course of the project.

A SCHEDULE OF VALUES FORM IS ATTACHED AND MUST BE COMPLETED AND RETURNED WITH THE BID AT THE TIME OF SUBMISSION.

NOTE: All items of work noted in the specifications that are not specifically noted in the proposal shall be considered as included in the contract and shall be constructed at no extra cost to the City of Troy.

ADDITIONAL INFORMATION:

For additional information or questions concerning this project please contact: **Brian Goul, Recreation Director at (248) 524-3529** between the hours of 8:00 AM and 4:00 PM, Monday through Friday.

CONTACT INFORMATION:

Name: Robert Calkins 24 Hr. Phone No. 614-956-8234
Hours of operation: 7 AM - 6 PM

REFERENCES:

Please submit a list of THREE CUSTOMERS who have had similar work performed by your company in the last five (5) years in the State of Michigan. Include the name of the company, the address, phone number, contact person, and email:

COMPANY: Battle Creek CC
ADDRESS: 318 Country Club Drive Battle Creek, MI 49015
PHONE: 269-873-2439 **CONTACT:** Marc Chappell
EMAIL: _____

COMPANY: West Shore Golf & CC
ADDRESS: 22843 West River Road Grosse Ile, MI 48138
PHONE: 734-306-4112 **CONTACT:** Jim Houston (retired)
EMAIL: _____

COMPANY: Kenwood CC
ADDRESS: 6501 Kenwood Road Cincinnati, OH 45243
PHONE: 513-561-7397 **CONTACT:** Barry Marksberry
EMAIL: _____

PERMITS:

All work performed must meet City and State Code. The Contractor shall obtain all applicable and required permits and arrange for inspections. All fees for said permits shall be waived

PROGRESS PAYMENTS:

The successful bidder shall establish with the City of Troy, the procedure for payment and retainages prior to commencement of work on this project. Each bidder should attach a progress payment schedule to the bid document at the time of bid submission.

Progress payments will be approved by the designated City representative in accordance with the schedule of payments the successful bidder submits with their proposal. The City of Troy reserves the right to withhold payments for work which is incomplete, shoddy, or not as specified, or until full acceptance for the portion of work completed which is being invoiced. The decision made by the City's representative concerning acceptable workmanship will be deemed in the City's best interest. Prior to release of the final payment, consent of surety document (AIA Document G707) will be required and signed by the surety Company.

Proposed Payment Schedule: 65% due at delivery of new pump station...balance due net 30 after final start-up

COMPANY NAME: Mid-Ohio Electric Company

MICHIGAN CONSTRUCTION LIEN ACT:

The bidder agrees that, if awarded the Contract(s) he/she will abide by all requirements of the Michigan Construction Lien Act (P.A. 1980, No. 497) as amended and effective March 1, 1982, and to provide full and complete Sworn Statements on Owner-approved forms.

PUBLIC ACT 57:

The contractor shall abide by all requirements provided in Public Act 57 (Copy attached).

WARRANTY:

Bidder will provide a 2 -year warranty on all parts and labor for the new pump station.

COMPLETION DATE and LIQUIDATED DAMAGES:

Once the Contractor moves supplies and materials to the work site, work shall commence and be completed by April 1, 2022. The City of Troy is the only party to this contract that may authorize amendment to this schedule.

- Our Company can meet this delivery / installation schedule
- Our company cannot meet this delivery / installation schedule but offers: 18 - 22 weeks after signed contract & drawing approval

Work shall commence _____ calendar days after notice to proceed.

AWARD:

The evaluation and award of this bid shall be a combination of factors, including but not limited to: cost, professional competence, references, and the correlation of the proposal submitted to the needs of the City of Troy.

The City of Troy reserves the right to award this bid to the lowest responsible bidder meeting specifications; to reject low bids which have major deviations from specifications; to accept a higher bid which has only minor deviations.

LOCAL PREFERENCE:

The City of Troy reserves the right to award a contract to a local business, one which pays City of Troy taxes (real and/or personal), if the bid of a local vendor is within 5% of the lowest responsive and responsible non-local bidder, then the local vendor is given one chance to match the low bid.

SITE INSPECTION:

All bidders are required to examine the Sanctuary Lake Golf Course site to determine the amount of work to be done in accordance with the specifications. If a bidder does not conduct a site inspection, that bidder is not eligible to submit a bid. Contact Mr. Brian Goul at 248-524-3529 to schedule a site visit(s) between the hours of 8:00 am - 4:00 pm, Monday through Thursday.

- Our company visited the site on 11.12.21.
- Our company did not visit the site.

DELIVERY:

All materials are to be F.O.B. delivered freight paid, to City of Troy- Sanctuary Lake Golf Course, 1450 E South Blvd, Troy, MI 48085 - **Please call Brian Goul, Assistant Recreation Director at 248-524-3529 prior to delivery of any materials to the installation site.**

COMPANY NAME: Mid-Ohio Electric Company

CONTRACT DOCUMENT:

After the Troy City Council has approved the award; the successful bidder will be required to sign the Contract Form (provided in the Contract Documents Section) prior to commencing with the project. The purchase order issued in conjunction with the Contract Form from the City of Troy will create a bilateral contract between the parties and commit the successful bidder to perform the contract in accordance with specification

DESIGNATED CITY REPRESENTATIVE:

Brian Goul, Recreation Director is the designated City Representative for this project.

BOND SUBMITTAL:

Subsequently, upon notice of award to the successful bidder, the Contractor shall qualify for, sign, and deliver to the City of Troy an executed Performance Bond, an executed Labor and Materials Payment Bond, and an executed two (2) year Maintenance Bond secured by a surety company, acceptable to the City of Troy by being licensed to do business in Michigan, and be included on the U. S. Treasury Department Surety List and/or have a rating of A (-) or better by A. M. Best, and/or Standard and Poors, on standard AIA forms, **each in the amount of one hundred percent (100%) of the contract sum.** Attorneys-in-fact, who sign Performance and Payment Bonds must file a certified copy of their power of attorney to sign such bonds. **The Contractor shall pay the cost of all bond premiums.**

BID DEPOSIT AND FORFEITURE:

The bid deposit of the lowest bidder shall be forfeited if, after bid opening, a change in bid price or other provision of the bid is required by the bidder that is prejudicial to the interest of the City of Troy or fair competition.

DOWNPAYMENTS AND PREPAYMENTS:

Any proposal submitted which requires a down payment or prepayment for equipment and material prior to delivery and acceptance, as being in conformance with specifications will not be considered for award.

SUBCONTRACTORS:

The undersigned agrees to submit a list of proposed subcontractors, if applicable, for approval by the designated City representative within 72 hours after notification of being the low qualified bidder. It will be understood that this may occur prior to bid award, but the bidder's status will not be final until approved by the Troy City Council.

It will be the successful bidder's responsibility to ensure that any subcontractor performing work on this project is capable of doing the work as specified. The designated City representative retains the right to evaluate the work performed by or on behalf of the successful bidder and reserves the right to reject any work performed that is not in accordance with the specifications or is considered to be poor workmanship. Payment will not be made until the successful bidder has corrected any deficiencies found to the satisfaction of the designated City representative.

CONTRACT FORMS:

Bidders shall complete and sign the Legal Status of Bidder, Non-Collusion Affidavit, Certification regarding Debarment, the Certification regarding "Iran Linked Business" and the Familial Disclosure Forms and return with your bid proposal.

COMPANY NAME: Mid-Ohio Electric Company

IMPORTANT:

The City shall have the right to require by written order, changes in, additions to, or deductions from the work required by the bid documents provided that if changes, additions, or deductions are made, the general character of the work as a whole is not changed thereby. Adjustments in the Contract price, if any, because of any change, addition, or deduction in the work, shall be determined as hereinafter provided, and any claim for extension of time for completion shall be adjusted at the time of ordering the changes, addition, or deduction.

No claim for change, addition, or deduction, or adjusting of price, or extension of time for completion thereof, shall be made or allowed unless done in pursuance of written order from the City specifically authorizing such change, addition, or deduction. Drawings without a written order shall not be considered such authority. Written notice of such claims shall be made to the designated City representative before the commencement of the work. Where the written order diminishes the quality of work to be done, this shall not constitute a basis for a claim for damages or anticipated profits on the work that may be dispensed with

INSURANCE REQUIREMENTS:

Insurance requirements shall be in accordance with the attached SAMPLE INSURANCE CERTIFICATE and ENDORSEMENT. The required Insurance Certificate and Endorsement must be submitted to the city within 5 days of the verbal/ electronic request after the bid award. The Insurance Certificate and Endorsement may be faxed to the Purchasing Department at (248) 619-7608, and is the only bid document accepted in this format.

The contractor, or any of their subcontractors, shall not commence work under this contract until they have obtained the insurance required, and shall keep such insurance in force during the entire life of this contract. All coverage shall be with insurance companies licensed and admitted to business in the State of Michigan and acceptable to the City of Troy. The requirements below should not be interpreted to limit the liability of the Contractor. All deductibles and self-insured retentions (SIR's) are the responsibility of the Contractor.

- (X) We can meet the specified insurance requirements.
- () We cannot meet the specified insurance requirements.
- () We do not carry the specified limits but can obtain the additional insurance coverage of \$ _____, at the cost of \$ _____.
NOTE: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.
- () Our proposal is reduced by \$ _____ if we lower the requirement to \$ _____.
NOTE: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.

IMPORTANT: A Certificate of Insurance on an ACORD Form showing present coverage as well as the required endorsements SHALL be attached to the proposal document at the time of submission of the proposal to the Office of the City Clerk.

NOTE: Failure on the part of any bidder to contact his/her insurance carrier to verify that the insurance carried by the bidder meets City of Troy specifications may result in this proposal being completed incorrectly.

COMPANY NAME: Mid-Ohio Electric Company

OTHER: Sole proprietors must execute a certificate of exemption from Worker's Compensation requirements or provide proof of Worker's Compensation Insurance. All coverage shall be with insurance carriers licensed and admitted to do business in Michigan in accordance with all applicable statutes of the State of Michigan and acceptable to the City of Troy.

INSURANCE VERIFICATION: A bidder shall complete the above portion, which details additional costs that may be incurred for specified coverage without purchasing the additional coverage prior to bid submission.

WORKERS' COMPENSATION INSURANCE, including Employers' Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

COMMERCIAL GENERAL LIABILITY INSURANCE on an "Occurrence Basis" with limits of liability not less than \$1,000,000.00 per occurrence and aggregate. Coverage shall include the following extensions: (A) Contractual liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent, if not already included; (E) Deletion of all Explosion, Collapse, and Underground (XCU) Exclusions, if applicable.

AUTOMOBILE LIABILITY, including Michigan No-Fault Coverages, with limits of liability not less than \$1,000,000.00 per occurrence combined single limit for Bodily Injury, and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

ADDITIONAL INSURED:

Commercial General Liability and Automobile Liability, as described in the attached SAMPLE shall include an Additional Insured Endorsement stating the following shall be *Additional Insureds*: The City of Troy including all elected and appointed officials, all employees and volunteers, all boards, commissions, and/or authorities and council members, including employees and volunteers thereof. It is understood and agreed by naming the City of Troy as additional insured, coverage afforded is considered to be primary and any other insurance the City of Troy may have in effect shall be considered secondary and/or excess.

CANCELLATION NOTICE:

All policies, as described above, shall include an endorsement stating that it is understood and agreed that Thirty (30) days, Ten (10) days for non-payment of premium, Advance Written Notice of Cancellation, Non-Renewal, Reduction, and/or Material Change shall be mailed to:

City of Troy
Purchasing Manager
500 West Big Beaver
Troy, MI 48084

PROOF OF INSURANCE COVERAGE:

The Contractor shall provide the City of Troy, at the time that the contracts are returned by him/her for execution, a Certificate of Insurance as well as the required endorsements. In lieu of required endorsements, if applicable, a copy of the policy sections where coverage is provided for additional insured and cancellation notice would be acceptable. Copies or certified copies of all policies mentioned above all shall be furnished, if so requested.

If any of the applicable coverages expire during the term of this contract, the Contractor shall deliver renewal certificates and endorsements to the City of Troy at least ten (10) days prior to the expiration date.

COMPANY NAME: Mid-Ohio Electric Company

LETTER VERIFICATION:

The recommended bidder will be notified to submit a letter from the *insurance agent or carrier* that the insurance to be supplied will meet specifications. As an alternative, the recommended bidder may submit the certificate of insurance meeting specifications at this time at his/her option. *The City must receive this letter or certificate within 5 business days after verbal / electronic notification has been delivered to the recommended bidder* or the bidder will be considered non-responsive and the bid un-awardable. This process will occur before presentation of the award recommendation to the Troy City Council.

FINAL INSURANCE CERTIFICATE SUBMISSION:

After approval by Troy City Council, the City's Purchasing Manager will review the insurance certificates and endorsements to ensure all acceptable documents have been received and allow (5) additional business days after verbal / electronic notification to submit final insurance certificate(s) in accordance with specifications. The City of Troy reserves the right to WITHHOLD AND KEEP any bid surety for failure to comply. The company will be considered in default of contract and will be barred from doing business with the City of Troy for a minimum of three (3) years for failing to meet insurance requirements.

COMPANY NAME: Mid-Ohio Electric Company

SIGNATURE PAGE

PRICES:

Prices quoted shall remain firm for 60 days or bid award, whichever comes first, except the successful bidder whose prices shall remain firm through project completion and final acceptance in accordance with specifications.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Robert Calkins

NOTE:

The undersigned has checked carefully the bid figures and understands that he/she shall be responsible for any error or omission in this bid offer and is in receipt of all addendum as issued.

COMPANY: Mid-Ohio Electric Company

ADDRESS: 1170 McKinley Avenue CITY: Columbus STATE: OH ZIP: 43222

PHONE: (614) 956-8234 FAX NUMBER: (614) 274-1671

REPRESENTATIVE'S NAME: Robert Calkins

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: (Print) Robert Calkins

TERMS: Net 30 days from Completion WARRANTY: 2 year

CHECK NUMBER: 3406831 COMPLETION DATE: TBD

E-MAIL: bcalkins@mid-ohioelectric.com

EXCEPTIONS: Any exceptions, substitutions, deviations, etc. from the City of Troy specifications and this proposal must be stated below and reason for, and are an integral part of this bid offer.

The pump station manufacturer estimates shipment at 18-20 weeks after receipt of signed contract and approved submittal drawing.

Mid-Ohio Electric can have the projected completed within a week after arrival barring any weather or uncontrollable delay.

ACKNOWLEDGEMENT:

I, Robert Calkins, certify that I have read the *Instructions to Bidders* (3 Pages) and that the bid proposal documents contained herein were obtained directly from the City's Purchasing Department or MITN website, www.bidnetdirect.com/city-of-troy-mi and is an official copy of the Authorized Version.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Robert Calkins

NOTE:

The City of Troy, at their discretion, may require the bidder to supply a Financial Report from an impartial Financial Credit Reporting Service before award of contract.

IMPORTANT: All City of Troy purchases require a SAFETY DATA SHEET, where applicable, in compliance with the MIOSHA "Right to Know" Law. Please include a copy of any relevant SDS at the time of bid submission.

U.S. FUNDS: All prices are to be quoted in U. S. Currency.



November 8, 2021

Addendum 1
ITB-COT 21-53
Pump Station Replacement
Page 1 of 1

To All Bidders:

Please be advised, the following additional questions have been submitted for clarification for **ITB-COT 21-53, Pump Station Replacement**. The clarification(s) and or change(s) will be considered an integral part of the original proposal document.

Request for clarification was received as follows:

QUESTION – What does the new stations GPM/PSI need to be?

ANSWER - The new station should be 1250 GPM/135 PSI.

QUESTION - Specification #14 Common Intake Header. Existing intakes are individual (as shown in the original delivery picture) HDPE was used with floaters out in the pond. I don't see a section specifying new intake, or foot valve in the pond need to be provided


ANSWER - It is the intention of the City of Troy to keep the same intakes and foot valves. There are two on the existing pump station and the specs are requesting one.

QUESTION - With the manufacturers lead time there is concern with the April 1st deadline.

ANSWER - Bidders that have concerns with meeting the deadline are encouraged to list an exception.

Please be advised that the City of Troy Purchasing Department has authorized the following ANSWERS TO QUESTIONS regarding Bid Proposal **ITB-COT 21-53, Pump Station Replacement**. The CHANGES will be considered an integral part of the original proposal documents.

I, the undersigned bidder, have read this Addendum 1 and have integrated the clarification(s) and or change(s) into the *Bid Proposal* and *Specifications* for **ITB-COT 21-53, Pump Station Replacement**. All other items in the original bid proposal remain the same. This Addendum 1 should be attached to the electronic bid submission, on or before **Thursday, November 18, 2021 at 10:00 AM EST** in the office of the City Clerk.

COMPANY:	Mid-Ohio Electric Company
NAME OF AUTHORIZED COMPANY REPRESENTATIVE:	Robert Calkins
SIGNATURE:	
ADDRESS:	1170 McKinley Avenue Columbus, OH 43222
DATE:	11.29.21



November 11, 2021

Addendum 2
ITB-COT 21-53
Pump Station Replacement
Page 1 of 1

To All Bidders:


Please be advised, the following sample documents have been submitted for clarification for **ITB-COT 21-53, Pump Station Replacement**. The clarification(s) and or change(s) will be considered an integral part of the original proposal document.

Request for clarification was received as follows:

Sample Documents of Certificate of Insurance

Please be advised that the City of Troy Purchasing Department has authorized the following SAMPLES OF COI regarding Bid Proposal **ITB-COT 21-53, Pump Station Replacement**. The CHANGES will be considered an integral part of the original proposal documents.

I, the undersigned bidder, have read this Addendum 2 and have integrated the clarification(s) and or change(s) into the *Bid Proposal and Specifications* for **ITB-COT 21-53, Pump Station Replacement**. All other items in the original bid proposal remain the same. This Addendum 2 should be attached to the electronic bid submission, on or before **Thursday, November 18, 2021 at 10:00 AM EST** in the office of the City Clerk.

COMPANY: Mid-Ohio Electric Company
NAME OF AUTHORIZED COMPANY REPRESENTATIVE: Robert Calkins
SIGNATURE: 
ADDRESS: 1170 McKinley Avenue
Columbus, OH 43222
DATE: 11.29.21



November 16, 2021

Addendum 3
ITB-COT 21-53
Pump Station Replacement
Page 1 of 2

To All Bidders:

Please be advised, the following statements have been submitted for clarification for ITB-COT 21-53, Pump Station Replacement. The clarification(s) and or change(s) will be considered an integral part of the original proposal document.

This addendum also serves as a bid extension to the **new bid opening date of December 2, 2021 at 10:00 AM EST.** Please see below for the revised Zoom Meeting information.

Request for clarification was received as follows:

- Add an Autoflush wye strainer in the discharge pipe sized for the total flow of the pump station and re-pip to existing drain line.
- Add two Victaulic couplings in the discharge flow meter spool to provide alignment flexibility for installation and future maintenance.
- Delete the single common suction pipe and replace with individual main 75 HP suction pipes.
- Provide Victaulic butterfly valve for each individual main 75 HP suction line to provide alignment flexibility for installation and future maintenance
- Supply two main pumps similar to a Goulds 3656 M & L group or equivalent to provide maximum flow and pressure with a 75 HP motor.
- Provide a common line from both individual main pump suction lines to the PM pump and supply an isolation and check valve from each main suction for future maintenance and to prevent backflow.
- Provide a 3" pressure relief valve in lieu of the 4" specified. For the desired flow and piping, a 3" relief valve will be able to bypass sufficient water back to the water source to prevent over pressurizing the system.

Zoom Meeting Bid Opening

Time: Dec 2, 2021 10:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/86513557311?pwd=VFdCTVFTaW52dE03VGVXby9CQmU5dz09>

Meeting ID: 865 1355 7311

Passcode: 922749

One tap mobile

+13017158592,,86513557311#,,,,*922749# US (Washington DC)

+13126266799,,86513557311#,,,,*922749# US (Chicago)

Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 865 1355 7311

Passcode: 922749 Find your local number: <https://us02web.zoom.us/j/kiw2R2jGz>

Please be advised that the City of Troy Purchasing Department has authorized the following STATEMENTS regarding Bid Proposal **ITB-COT 21-53, Pump Station Replacement**. The CHANGES will be considered an integral part of the original proposal documents.

I, the undersigned bidder, have read this Addendum 3 and have integrated the clarification(s) and or change(s) into the *Bid Proposal and Specifications* for **ITB-COT 21-53, Pump Station Replacement**. All other items in the original bid proposal remain the same. This Addendum 3 should be attached to the electronic bid submission, on or before Thursday, December 2, 2021 at 10:00 AM EST

COMPANY: Mid-Ohio Electric Company

NAME OF AUTHORIZED COMPANY REPRESENTATIVE: Robert Calkins

SIGNATURE: 

ADDRESS: 1170 McKinley Avenue
Columbus, OH 43222

DATE: 11.29.21



SCHEDULE OF VALUES

Your company **MUST** complete this form.

Supply List	Unit Cost
Watertronics Pump Station as specified	\$ 154,967.49
includes labor for demolition and installation	\$
	\$
	\$
	\$

Note: Individual equipment prices and labor costs to install those items are requested if the quantity changes during project implementation.

ADDITIONAL MATERIALS:	UNIT PRICE
	\$
	\$
	\$
	\$
LABOR:	
	\$
	\$
	\$
	\$
EQUIPMENT:	
	\$
	\$
	\$
	\$

Note: If more space is required, attach additional sheets if needed but use the format established above.

Please include prices for additional services necessary, if additional work results from a change to the Scope of Work.

COMPANY NAME: Mid-Ohio Electric Company



BIDDER QUESTIONNAIRE

Please provide the following information and submit with your bid proposal:

- 1. Your company has been in business since 1955 (years)
- 2. Has your company been in Chapter 7 during the last ten (10) years?
() Yes When: _____ (X) No
- 3. How many years of experience does your company have installing pumps and pump stations?
30 Years
- 4. Our Company has completed 8 pump station installations in the last year.
- 5. If applicable, list all proposed subcontractors to be used in the performance of this contract and the work to be performed by each. Include a complete list and references of all subcontractors and sub-subcontracts.
N/A

6. **List Tradesmen who would be assigned to this project:**
Please provide years of experience, areas of expertise, and/or list any additional training classes taken to increase expertise in this field for the people listed in this section who will be assigned to project.

TITLE	NAME	TRADE	EXPERIENCE / YEARS
Vice President	Vince Langhirt	Service Technician	30
	Daniel Langhirt	Service Technician	6

THE FOREGOING QUESTIONNAIRE IS A TRUE STATEMENT OF FACTS:

Signature of Authorized Company Representative: Robert Callin

Company: Mid-Ohio Electric Company

Address: 1170 McKinley Avenue
Columbus, OH 43222

Phone Number: 614-274-8000



Mid-Ohio Electric Company
Pump Station & Motor Specialists

1170 McKinley Avenue...Columbus, OH 43222

Project Name:	Sanctuary Lakes GC	Date:	November 30, 2021
Site Location:	Troy, MI	Quotation:	FRQ1987
Installation:	Inside - Weather Resistant Building	Quoted By:	Bob Calkins
Customer Contact Name:	Jim Vandenberghe	Sales Rep:	Bob Calkins
Email:	jimvan18@gmail.com	Phone:	614-956-8234
		Email:	bcalkins@mid-ohioelectric.com
Performance:	1200GPM @ 135PSI	Lift:	6FT
Input Power:	460VAC/3Phase/60Hz	Panel SCCR:	35KA
Model Number:	HCLV-1-75X2/5VMS-460-3-1200-135	FCC Type:	None

CATEGORY	DESCRIPTION	QTY
Station Configuration	• Horizontal Centrifugal - Station Spec	1
Approvals and Certifications	• UL Listed - Industrial Control Panel	1
Paint Colors	• Paint Color - Watertronics - Green	1
Pump Motors - HC	• 75HP HC Prem Efficiency Motor - 460V/3Ph	2
Motor Winding Heaters	• HC Motor Winding Heater	2
Pumps - HC	• Pump, Horizontal Centrifugal, 75HP, 3600RPM	2
Pumps - VMS	• Pump and Motor, VMS, 5HP-460V/3Ph	1
Pump Discharge Headers	• Discharge Header - 100 GPM	1
	• Discharge Header - 625 GPM	2
Discharge Manifolds	• Discharge Manifold - Duplex Pump	1
Pressure Relief Valves	• 3" Pressure Relief Valve	1
Discharge Strainers	• 8" WYE Strainer with Autoflush - 1580 GPM	1
Flow Meter	• Data Industrial 220 Series Flowmeter, Brass	1
Level Controls	• Remote Level Control - w/2 Pond Fills	1
Pump Prime Systems	• Positive Prime	1
Pump Station Base	• Pump Station Base - Formed Steel	1
Pump Station Base Accessories	• Skid Shim Kit, Stainless Steel	1
Disconnects	• Station Disconnect Switch - 400A Fused	1
VFDs	• Variable Frequency Drive, 75HP, 380-480V/3ph	1
XL Contactors	• VFD (XL) Contactor - 460-575V/3Ph - 75HP	2
	• Motor Starter - 460-575V/3Ph - 5HP	1
Control Systems	• Type 1 - Sigma PLC Logic Controller	1
	• Power - Phase Monitor Protection	1
Touchscreen Displays	• VirtualVision III - 7.0" Color LCD Touchscreen	1
Control Switches	• Lighted HOA Switch	3
Surge Protection	• Standard Surge/Lightning Protection	1
Optical Devices	• Flow Signal Opto Coupler - For Sharing Signal	1
	• Flow Sensor Opto Isolator	1
Remote Start Options	• Remote Disable Relay - 24VAC/DC	1
Fertigation Accessories	• Fertigation Run Relay	1
	• Chemical Treatment Relay	1
Electrical Enclosures	• Electrical Enclosure - 75x48x16 STL/WHT	1
Electrical Enclosure Accessories	• Inspection Window Kit - 5" x 3" WHT	1
Electrical Enclosure Cooling	• Heat Exchanger - Large (5-12K Btu)	1
Documentation	• Operation & Maintenance Manual (English) - Electronic Copy	3
Custom Option	• 6" x 36" Steel Suction Spool	2
	• 6" x 8 ft. Discharge Spool	1
	• 6" Inlet Victaulic Isolation Valve	2
	• 3" Discharge Spool for Wye Strainer	1

STANDARD EQUIPMENT FEATURES: (included in Total Station Price)

Q

001-000006 Horizontal Centrifugal - Station Spec 1

- A variable speed Horizontal Centrifugal pump station shall be provided. The pump station shall include variable frequency drive speed control, horizontal centrifugal pumps, piping, valves, electrical panel, base and all other features (where applicable as specified below). Station shall be designed to be installed either outside or inside a weather resistant building furnished by the owner as specified above. A formed and reinforced base platform will support all manifolding, pumps, motors, and control panels to provide an integral unit ready to quickly install at the job site. Configuration of station inlet, discharge, power connections and layout/orientation of basic system components shall be indicated on the sales drawing. The station shall be completely assembled (where applicable), calibrated, and subjected to a dynamic run test including safety check prior to breakdown and shipment to customer.

005-000002 UL Listed - Industrial Control Panel 1

- The station ELECTRICAL CONTROL PANEL shall be UL listed and meet or exceed UL508A specifications for safety of industrial control panels. Panel shall be assembled and tested in a UL508A certified panel shop.

010-000001 Paint Color - Watertronics - Green 1

- Pump station pumping components shall be painted Watertronics GREEN for maximum durability and resistance to corrosion. The paint system shall consist of a multi-step system including media blasting, application of a rust prohibitive epoxy prime coat followed by a two-part industrial grade ultraviolet resistant polyurethane finish having a total dry film thickness of not less than 5 mils. Each coat will be applied and baked for one half hour at 165 degrees F. Pump station components including base, pipework, discharge heads, manifolds, isolation and relief valves, grooved clamps and supports shall be painted unless otherwise specified on sales drawing.

102-000010 75HP HC Prem Efficiency Motor - 460V/3Ph 2

- A 75HP premium efficient (HC) horizontal centrifugal motor shall be provided. The motor shall be (ODP) open drip proof construction, inverter ready rated with class F windings. The motor shall be sized properly for continuous operation of the pump at any point along the designed pump performance curve without exceeding the motors specified horsepower rating.

115-000001 HC Motor Winding Heater 2

- A winding heater shall be installed inside the motor to reduce motor winding condensation and reduce winding failures due to internal arcing on VFD powered motors. One winding heater is required per motor.

122-000010 Pump, Horizontal Centrifugal, 75HP, 3600RPM 2

- A 75HP single stage close coupled Horizontal Centrifugal pump shall be provided. The pump assembly shall be bolted directly to the motor face and be constructed of heavy duty cast iron with a single dynamically balanced bronze impeller. A mechanical carbon/ceramic motor shaft seal shall be provided for long life and maintenance free operation. A temperature sensor shall also be provided in the pump volute case to facilitate safety shut down of the pump under high temp conditions. The pump shall be selected specifically for the application by Watertronics to maximize performance and efficiency.

123-000002 Pump and Motor, VMS, 5HP-460V/3Ph 1

- A 5HP (VMS) Vertical Multi-Stage pump and motor assembly shall be provided. The motor shall meet or exceed NEMA standards for high durability. The pump shall be constructed of stainless steel with multi stage dynamically balanced stainless impellers and mechanical carbon/ceramic motor shaft seal for long life and maintenance free operation. A temperature sensor shall also be provided to facilitate safety shut down of the pump under high temp conditions. The pump assembly shall be selected specifically for the application by Watertronics to maximize performance and efficiency.

145-000001 Discharge Header - 100 GPM 1

- A pressure maintenance pump discharge header assembly shall be provided for a maximum flow of 100GPM. The header assembly shall include a check valve, butterfly valve and related pipework required to connect pump to discharge manifold or spool. The pipework shall be fabricated from A53, Grade B schedule 40 CARBON STEEL and painted per job specifications.

145-000004 Discharge Header - 625 GPM **2**

- A pump discharge header assembly shall be provided for a maximum flow of 625GPM. The header assembly shall include a check valve, butterfly valve and related pipework required to connect pump to discharge manifold or spool. The pipework shall be fabricated from A53, Grade B schedule 40 CARBON STEEL and painted per job specifications.

200-000002 Discharge Manifold - Duplex Pump **1**

- A custom fabricated DUPLEX PUMP discharge manifold shall be provided. The manifold shall be designed and fabricated by Watertronics to maximize flow and efficiency and to meet specific customer installation requirements. All fabricated piping shall conform to ASTM specifications A53 for Grade B welded or seamless pipe. Discharge piping 12" and larger shall be a minimum "Standard Wall" thickness. Discharge piping 10" and smaller shall be Schedule 40. All welded flanges shall be forged steel slip-on or weld neck type. All welded fittings shall be seamless, conforming to ASTM Specification A234, with pressure rating not less than 150 psi. The manifold assembly shall include a main discharge isolation valve, discharge pressure gauge, three 3/4" fertigation ports and a winterization drain port with 3/4" ball valve.

210-000001 3" Pressure Relief Valve **1**

- A 3" pressure relief valve shall be installed on the discharge piping downstream of the pressure regulating valves. The valve shall be sized to bypass sufficient water back to the water source to avoid the discharge pressure from exceeding the maximum programmed pressure set point by more than 10 PSI.

220-000004 8" WYE Strainer with Autoflush - 1580 GPM **1**

- A high efficiency low pressure drop 8 INCH wye strainer shall be provided. The wye strainer housing shall be made entirely from ASTM A126B cast iron rated for 175PSIG at 150 degrees F. The internal screen shall be fabricated from 304 stainless steel with 1/8" perforations and shall flow up to 1580 GPM with a 1PSI or less pressure drop. The strainer shall be automatically flushed after a specific pump station run time. The time between flush events and the flush duration shall be programmable through the station touch screen display.

280-000001 Data Industrial 220 Series Flowmeter, Brass **1**

- A high quality impeller style flow meter shall be provided to measure water flow with an accuracy of +/- 1%. full scale. The flow meter housing shall be made of BRASS. The sensor electronics shall be fully sealed in epoxy potting suitable for indoor or outdoor installation.

290-000005 Remote Level Control - w/2 Pond Fills **1**

- A robust industrial grade remote POD STYLE level control system shall be provided. The system shall consist of a level transducer and a low level safety shutdown float designed for location in a remote pond or tank for accurate and reliable level control. The controls shall be fully integrated with the control system with programmable set points accessible through the station touchscreen display. The level control system shall function to shut- down the pump system in the event of a low water condition. An additional isolated 5A relay contact shall be provided to control each of TWO external pond fill or other external fill sources. The level transducer shall be rated for a maximum water depth of 33.5 feet. Maximum distance from control panel to pod 100 feet.

330-000001 Positive Prime **1**

- A positive prime system shall be provided that maintains system prime, when the pumping station is idle, by using a regulating valve to distribute pump discharge-side pressure to the low pressure inlet-side and by using check valves to retain the inlet-side pressure. Manual/hand priming of the pumps is required for initial startup.

400-000001 Pump Station Base - Formed Steel **1**

- Pump station components shall be mounted on a formed steel base. Formed steel construction is used to minimize weld seams and maximize strength. The base material shall be 3/8" thick ASTM A-26 hot rolled carbon steel plate. Structural steel shall be welded on the underside of the base to maximize structural rigidity. Base shall have a minimum of (eight) Ø3" lifting points (two at each corner). Base shall include a hinged wet well hatch whenever possible. Base shall be supplied with four anchor brackets and concrete wedge anchor bolts if base length is under 12ft. For base lengths over 12ft, six anchors shall be provided. The base size shall be approximately 144 x 60 INCHES.

410-000001 Skid Shim Kit, Stainless Steel **1**

- A skid shim kit shall be provided to take up small gaps between skid and floor and to insure level installation of skid. Each kit shall include the following stainless steel shims; Qty (2) - 1/2"x2"x5" , Qty(2) - 3/8"x2"x5" , Qty(4) - 1/4"x2"x5" , Qty(4) - 1/8"x2"x5" .

- 500-000012 Station Disconnect Switch - 400A Fused** **1**
- A 3-pole 400 amp maximum FUSED UL Listed main disconnect switch shall be provided. The disconnect switch shall include an operating handle mounted in the main electrical panel door that shall open all ungrounded conductors of the service entrance to the panel. The disconnect switch shall be mechanically interlocked to prevent access while the operating handle is in the ON position. The station disconnect switch shall be correctly sized for the maximum station load and shall meet all applicable NEC and UL508A requirements.
- 520-000029 Variable Frequency Drive, 75HP,380-480V/3ph** **1**
- A high efficiency industrial grade 75HP variable frequency drive shall be provided. The VFD shall be specifically designed for water pumping applications and include a graphical control interface keypad. All internal printed circuit boards shall be conformal coated for long service life.
- 540-000039 VFD (XL) Contactor - 460-575V/3Ph - 75HP** **2**
- A 460-575V/3Ph - 75HP cross line (XL) industrial grade dual interlocking contactor set shall be provided for the pump. The contactor set shall allow the assigned pump to be run manually across the line or from the VFD output. It will also facilitate sequencing of pumps when more than one main pump is present. An HOA, (Hand-Off-Auto) switch will be provided for each pump. When HOA is in Hand position, the contactor set will engage to power pump directly across the line. If Off position, pump will be disabled and when in Auto, pump will run on VFD when assigned as lead pump otherwise the contactor set will sequence the pump on as a lag pump where applicable.
- 540-000070 Motor Starter - 460-575V/3Ph - 5HP** **1**
- A 460-575VAC/3Ph - 5HP industrial grade Motor Starter shall be provided. The motor starter shall provide integrated switching, thermal and current overload protection per NEC article 430 safety requirements. The switching contacts shall be rated for a minimum of 200,000 cycles under full load conditions.
- 600-000002 Type 1 - Sigma PLC Logic Controller** **1**
- The electrical control system shall be an Industrial grade PLC with a color touch screen operator interface device and custom programming written specifically for this project. Control logic shall be based on redundant design and interlocking of control devices for maximum safety and proper sequence of operation. In addition to diagnostic functionality available through the touchscreen display, the PLC controller shall also have diagnostic LEDs for monitoring status of discrete inputs and outputs. The PLC shall contain RS232 and RS485 communication ports for monitoring and programming purposes and shall contain an EEPROM, battery backed RAM and non-volatile memory for storage of critical configuration data. The PLC will have a high speed counter, clock and calendar function with year, month, day, hour, minute, and day of week.
- 600-000003 Power - Phase Monitor Protection** **1**
- An advanced microprocessor based Power Phase Monitoring system shall be provided to protect the pump system from equipment failure due to power faults occurring on the incoming electrical service to the pump station. The monitor shall actively monitor for phase loss, phase reversal, phase unbalance, under voltage and overvoltage conditions. In the event that these one or more of these conditions occur, the Phase Monitor shall signal the PLC logic controller to shut down the pump system preventing damage to pump system components. The phase monitor fault limits and time to trip shall be adjustable. A status LED shall indicate the fault type causing the shutdown event.
- 610-000003 VirtualVision III - 7.0" Color LCD Touchscreen** **1**
- An industrial grade 7.0" WVGA (800x480) Wide Color TFT LCD touchscreen user interface display shall be provided featuring: Digital flow (GPM) and pressure (PSI) display, Both cumulative and resettable gallons pumped indicators, Pump ready/running status with elapsed run time display per pump, Flow-based pressure regulation to match discharge pressure with irrigation demand, Individual motor overload reporting, Minute by minute data logging saved to a removable flash RAM card, 32MB card to store approximately 12 months of data, Historic and real time X-Y plotting of pump station operation, Filter controls, Alarm log file, Ability to change system parameters such as setpoint pressure, time delays, Fertigation graphic and control interface when sold with a Watertronics EZ Feed Injection Package. Life of the display shall be 50,000 hours. The display software shall be configured for the pump station features.
- 620-000001 Lighted HOA Switch** **3**
- A lighted switch actuator shall be provided which shall be illuminated GREEN whenever the controlled item is active. One required per switch.
- 630-000001 Standard Surge/Lightning Protection** **1**
- A Standard 40kA max impulse current rated surge protective device shall be provided on the incoming power

connections to the station. The SPD shall utilize high energy solid state suppression circuitry to effectively protect electrical equipment from severe electrical disturbances. Diagnostic LEDs shall be provided on the device to indicate operational status of the device when powered.

- 640-000001 Flow Signal Opto Coupler - For Sharing Signal** 1
- An optical coupling device shall be provided for sharing of pump station flow signal with external customer control systems. The opto-coupler is rated for 3-30VDC (24VDC) nominal supply from customer control system and shall provide a minimum of 2500V isolation between station control system and external systems.
- 640-000002 Flow Sensor Opto Isolator** 1
- An optical isolation device shall be provided for isolating OFF SKID station flow sensor from the control system. The optical isolator shall effectively improve flow signal quality and eliminate interference, ground loops and other signal disturbances from entering station control electronics.
- 650-000003 Remote Disable Relay - 24VAC/DC** 1
- A 24VAC/DC remote disable relay input shall be provided. The remote disable relay shall effectively disable the pump station when the remote start relay coil is supplied 24VAC/DC power from an irrigation controller or other external power source provided by customer. If the station is running and relay is powered, the station will safely shutdown. When power is removed from the relay, the station will return to normal operation.
- 720-000001 Fertigation Run Relay** 1
- A Fertigation Run relay shall be provided to activate a customer provided chemical injection system. The relay output shall turn on when the station reaches a minimum flow set point and turn off when station flow drops below set point. The minimum flow set point shall be adjustable through the touchscreen display where provided.
- 720-000003 Chemical Treatment Relay** 1
- A Chemical Treatment relay shall be provided to activate a customer provided chemical injection system. The relay output shall turn on anytime a main pump is running. The chemical treatment relay shall have 2 DPDT 8A contacts.
- 750-000003 Electrical Enclosure - 75x48x16 STL/WHT** 1
- A heavy duty industrial grade 75Hx48Wx16D UL Listed, NEMA 4 outdoor rated enclosure shall be provided to protect electrical control system components. The enclosure shall be custom built to Watertronics specifications specifically for water pumping applications and shall be fabricated of no less than 12GA carbon steel finished on all inside and outside surfaces in polyester based WHITE powder coat finish for maximum durability. The enclosure shall be provided with heavy duty integral hinges with lift off doors, INTERIOR LIGHTING PACKAGE, heavy duty key lockable door handles, continuously welded seams, mechanical interlocks, and drip shield. The electrical component back panel shall be galvanized steel for superior EMC performance.
- 760-000003 Inspection Window Kit - 5" x 3" WHT** 1
- A NEMA 4 outdoor rated 5"H x 3"W inspection window kit shall be provided in the electrical enclosure door for viewing electrical component status. The window frame shall be steel painted white with clear polycarbonate window.
- 770-000002 Heat Exchanger - Large (5-12K Btu)** 1
- A premium quality closed loop water to air HEAT EXCHANGER cooling system shall be provided. The heat exchanger shall control temperature levels within the electrical enclosure protecting sensitive electronic components from overheating conditions. The heat exchanger shall be rated NEMA 4 for indoor/outdoor installations and prevent outside air or cooling water from entering electrical enclosure. The heat exchanger shall be properly sized to the application up to a maximum of 512K Btu cooling capacity.
- 975-000001 Operation & Maintenance Manual (English) - Electronic Copy** 3
- A detailed OPERATION and MAINTENANCE manual shall be provided detailing basic system operation, alarms, general maintenance procedures and use of the operator interface. The manual shall be in English and provided in electronic format.
- 999-000001 6" x 36" Steel Suction Spool** 2
- 6" x 36" Steel Suction Spool

999-000002 6" x 8 ft. Discharge Spool 1

- 6" x 8 ft. Discharge Spool

999-000003 6" Inlet Victaulic Isolation Valves 2

- 6" Inlet Victaulic Isolation Valves

999-000004 3" Discharge Spool for Wye Strainer 1

- 3" Discharge Spool for Wye Strainer

PUMP STATION PRICE (INCLUDES ALL STANDARD EQUIPMENT FEATURES)	U.S. Dollars	\$154,967.49
Domestic US Freight from Factory to Job Site:		INCLUDED
Off Load & Setup Supervision:		INCLUDED
Lift To Off-Load and Set Pump Station:		INCLUDED
Start-Up:		INCLUDED
Labor to remove existing and install new pump station:		INCLUDED
Warranty - (Including Parts and Labor)		2 YR STANDARD
Performance, Maintenance & Labor and Material Bonds		INCLUDED
<p>Shipment: Estimated 18-20 weeks after receipt of signed contract and drawing approval. A firm delivery date will be established and transmitted within 5 days of receipt of all final details and documents.</p>		

680-0000011	WaterVision Cloud - AT&T - w/5YR Subscription	1	Included	Included	
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- WaterVision Cloud - AT&T network CELLULAR remote pump system monitoring package shall be provided. The system includes all hardware, software and 5 YEAR SUBSCRIPTION for connection of a single pump station to the WaterVision Cloud Network via a cellular connection. The system shall allow customer to remotely monitor the pump station and the customer's other WaterVision Cloud enabled pump stations on the same property or multiple properties at any time from a cell phone, tablet, PC or other web based device. The system shall also allow control of the pump station including enable/disable and reset of alarms. The communication hardware will accept up to eight additional CHOICE CARD inputs. The WaterVision Cloud system is also expandable through connection of additional WaterVision Cloud enabled pump systems. Additional hardware is required for system expansion. Subscription may be renewed in future years for low annual fee approximately \$450/year. Contact PSN for future subscription pricing.

EQUIPMENT PER QUOTATION: FRQ1987

ACCEPTED BY:

Company Name: _____

Signature: _____

Print Name: _____

Title: _____

Signature Date: _____

Requested Delivery Date: _____

Is this sale taxable? (Circle one) Yes No (If the order is non-taxable, a tax certificate for the "ship to state must be submitted with this order"

Please Return One Signed Copy of This Quotation on Acceptance. Merchandise delivered or shipped is due and payable to:
Mid-Ohio Electric Company Address: 1170 McKinley Road Columbus, OH 43222 Phone: 614-274-8000 Attn: Shelly Langhirt

BILL TO INFORMATION:

Company Name: _____ Phone: _____ Email Address: _____

Billing Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____

Title: _____

SHIP TO INFORMATION:

Company Name: _____ Phone: _____ Email Address: _____

Shipping Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____ Title: _____

Thank you for the opportunity to quote on your pump station needs, if you have any questions or require further information, please call us at 614-956-8234.



Proposer's Sworn and Notarized Familial Disclosure
(to be provided by the Proposer)

The undersigned, the owner or authorized officer of Mid-Ohio Electric Co. (the "Proposer"), pursuant to the familial disclosure requirement provided in the Request for Proposal, hereby represent and warrant, except as provided below, that no familial relationships exist between the owner(s) or any employees of

Sanctuary Lake Co. and any member of the City of Troy City Council or City of Troy management.

List any Familial Relationships:

None



BIDDER:
Mid-Ohio Electric Co. Inc.

By: Cynthia S. Langford
Its: President

Ohio
STATE OF MICHIGAN)
)ss.
COUNTY OF Franklin)

This instrument was acknowledged before me on the 31st day of November, 2021, by

Devlin Clemons



CITY OF TROY
OAKLAND COUNTY, MICHIGAN
NON-COLLUSION AFFIDAVIT

TO WHOM IT MAY CONCERN:

Cynthia S. Langhiet, being duly sworn deposed, says that he/she
(Print Full Name)

is President. The party making the foregoing proposal or bid,
(State Official Capacity in Firm)

that such bid is genuine and not collusion or sham; that said bidder has not colluded, conspired, connived, or agree, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding and has not in any manner directly or indirectly sought by agreement or collusion, or communication or conference, with any person to fix the bid price or affiant or any other bidder, or to fix any overhead, profit, or cost element of said bid price, or that of any other bidder, or to secure the advantage against the City of Troy or any person interested in the proposed contract; and that all statements contained in said proposal or bid are true.

Cynthia S. Langhiet
SIGNATURE OF PERSON SUBMITTING BID

[Signature]
NOTARY'S SIGNATURE

Subscribed and sworn to before me this 30th day of November, 2021 in and for Franklin
County.

My commission expires:

4/24/2025





**CERTIFICATION REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The prospective participant certifies, to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in transactions under any non-procurement programs by any federal, state or local agency.
2. Have not, within the three year period preceding, had one or more public transactions (federal, state, or local) terminated for cause or default; and
3. Are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) and have not, within the three year period preceding the proposal, been convicted of or had a civil judgment rendered against it:
 - a. For the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction (federal, state, or local), or a procurement contract under such a public transaction;
 - b. For the violation of federal, or state antitrust statutes, including those proscribing price fixing between competitors, the allocation of customers between competitors, or bid rigging; or
 - c. For the commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

I understand that a false statement on this certification may be grounds for the rejection of this proposal or the termination of the award. In addition, the general grant of this authority exists within the City's Charter, Chapter 12, Section 12.2- Contracts.

I am able to certify to the above statements.

Mid-Ohio Electric Co., Inc
Name of Agency/Company/Firm (Please Print)

Cynthia S. Langhitt President
Name and title of authorized representative (Please Print)

Cynthia S. Langhitt President 11/30/2021
Signature of authorized representative Date

I am unable to certify to the above statements. Attached is my explanation.



Legal Status of Bidder:

The Bidder shall fill out the appropriate form and strike out the other two:

Mid-Ohio Electric Co, Inc.

A corporation duly organized and doing business under the laws of the State of Ohio
for whom Cynthia S. Langhiet, bearing the office title of President
_____, whose signature is affixed to this proposal, is duly authorized to execute contracts.

~~A partnership, all members of which, with addresses, is:~~

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

~~AN INDIVIDUAL, WHOSE SIGNATURE IS AFFIXED TO THE PROPOSAL:~~

_____	_____
-------	-------



**VENDOR CERTIFICATION
THAT IT IS NOT AN
"IRAN LINKED BUSINESS"**

Pursuant to Michigan law, (the Iran Economic Sanctions Act, 2012 PA 517, MCL 129.311 et seq.), before accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must first certify that it is not an "IRAN LINKED BUSINESS", as defined by law.

Vendor	
Legal Name	Mid-Ohio Electric Co Inc.
Street Address	1170 McKinley Ave
City	Columbus
State, Zip	Ohio 43222
Corporate I.D. Number/State	256991 Ohio
Taxpayer I.D. #	31-446140

The undersigned, with: 1.) full knowledge of all of Vendors business activities, 2.) full knowledge of the requirements and possible penalties under the law MCL 129.311 et seq. and 3.) the full and complete authority to make this certification on behalf of the Vendor, by his/her signature below, certifies that: the Vendor is NOT an "IRAN LINKED BUSINESS" as require by MCL 129.311 et seq., and as such that Vendor is legally eligible to submit a bid and be considered for a possible contract to supply goods and/or services to the City of Troy.

Signature of Vendor's Authorized Agent:

Cynthia S. Langhitt

Printed Name of Vendor's Authorized Agent:

Cynthia S. Langhitt

Witness Signature:

Dori Sanders

Printed Name of Witness:

Dori Sanders



500 West Big Beaver
Troy, MI 48084
troyml.gov

CITY COUNCIL AGENDA ITEM

Date: December 13, 2021

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Robert C. Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiepe, Public Works Director
Dennis Trantham, Facilities and Ground Operation Manager
Brian Goul, Recreation Director
Emily Frontera, Purchasing Manager

Subject: Budget Amendment and Standard Purchasing Resolution 2 – Low Bidder Meeting Specifications - Replacement of Pump Station located at the Sanctuary Lake Golf Course (Introduced by Nikki McEachern, Assistant Recreation Director))

History

- Established in 2004, Sanctuary Lake is a par 71 links-style setting, 18 holes, and offers four sets of tees ranging from 4,750 to 6,555 yards.
- In 2010, Billy Casper Golf (now Indigo Golf) was awarded a management contract for Troy's two golf courses (Resolution #2010-06-123).
- The pump station assembly is used to draft water from the pond to irrigate the entire golf course.
- Using detained storm water from the pond is the exclusive method of irrigating the course.
- The original pump station assembly, consisting of the control board and pumps, has been repaired multiple times since its installation.
- The pump station assembly has reached the end of its reliable life. Repair parts are no longer available causing the full replacement of the pumps and controls.
- In efforts to limit disruption to irrigation efforts, it is recommended to replace the pump assembly when it is not in use.
- Failure to replace the pump station assembly could lead to the inability to irrigate the course with collected storm water from the pond, which would cause damage to the turf resulting in an unplayable course.
- Replacement of the pump station assembly was identified in the Facilities Condition Assessment and Analysis.

Purchasing

- On December 2, 2021, a bid opening was conducted as required by City Charter and Code to provide all equipment, material and labor for the pump station replacement at Sanctuary Lake Golf Course.
- The bid was posted on the Michigan Inter-governmental Trade Network (MITN) website; www.mitn.info.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Purchasing (continued)

- Three hundred and fifty-six (356) vendors were notified via the MITN system. Three (3) bid responses were received. Below is a detailed summary of potential vendors for the bid opportunity:

Companies notified via MITN	356
Troy Companies notified via MITN	12
Troy Companies notified - Active email Notification	11
Troy Companies - Active Free	1
Companies that viewed the bid	99
Troy Companies that viewed the bid	0

MITN provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy. **Active MITN** members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City. **Active MITN non-paying members** are responsible to monitor and check the MITN website for opportunities to do business with the City. **Inactive MITN member** status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.

- After reviewing the bid proposals *Mid-Ohio Electric Company from Columbus, OH* was the low bidder meeting all specifications for removal and installation of the Sanctuary Lake Golf Course pump station and is being recommended.
- Although *Mid-Ohio Electric Company* was not the low bidder, they are the next lowest bidder who could provide the full scope of work and meet our installation needs in the shortest amount of time which is critical to ensuring the course is irrigated properly for the upcoming season.
- The lowest bidder did not meet this requirement because their scope of work did not include dismantling and reconnection of the electrical portion of the project and their installation date was June 30 which is well into the golf season.

Financial

This project will require a budget amendment to the Sanctuary Lake Buildings and Improvements General Repairs Capital Fund for a not to exceed amount of \$170,500. Expenditures will be charged to account number 583.768.7975.900.

Recommendation

City management recommends awarding a contract to the low bidder meeting specifications *Mid-Ohio Electric Company of Columbus, OH* for the Replacement of the Pump Station at the Sanctuary Lake Golf Course at prices contained in the bid tabulation opened December 2, 2021 for an estimated cost of \$154,967.49 with a 10% contingency for a not to exceed amount of \$170,500. It is also recommended that City Council approve a budget amendment to the Sanctuary Lake Golf Course Building and Improvements General Repairs Capital Fund in the amount of \$170,500. The award is contingent upon the contractor's submission of properly executed insurance documents and all other specified requirements.

CITY OF TROY
 BID TABULATION
 PUMP STATION REPLACEMENT

VENDOR NAME:	ProPump and Controls, Inc.	Mid-Ohio Electric Company	Detroit Pump & Manufacturing
CITY:	Shelbyville, KY	Columbus, OH	Warren, MI
CHECK NUMBER:	30189	3406831	None Submitted
CHECK AMOUNT:	\$5,000.00	\$5,000.00	

PROPOSAL: FURNISH ALL EQUIPMENT, MATERIAL AND LABOR TO DISMANTLE AND DISPOSE OF CURRENT PUMP STATION AND INSTALL NEW PUMP STATION AT SANCTUARY LAKE GOLF COURSE

COMPLETE FOR THE SUM OF:	\$138,089.11	\$154,967.49	\$238,768.00
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CONTACT INFORMATION: Name:	Chis Orrel	Robert Calkins	Raymond Lim
24 Hr. Phone No.:	563-564-9413	614-956-8234	248-890-0301
Hours of Operation:	7AM - 6PM	7AM - 6PM	8AM - 4:30PM
REFERENCES: Y or N	Y	Y	2 given
PROPOSED PAYMENT SCHEDULE:	Net 30 Day After Invoice	65% due at delivery; balance due net 30 after final start-up	20% upon submittal approval; 60% upon delivery of equipment; 20% upon completion & start-up.
CAN MEET COMPLETION DATE: Y or N	No - Approx 6/30/21	No - 18-22 weeks after signed contract & drawing approval	Y
DAYS AFTER NOTICE WORK WILL COMMENCE:	Not Specified	Not Specified	140
MANDATORY SITE INSPECTION: Y or N	Y	Y	Y
INSURANCE MET: Y or N	Y	Y	Y
PAYMENT TERMS:	Not Specified	Net 30 days from completion	Payment Schedule
WARRANTY:	2 Years	2 Year	1 Year
COMPLETION DATE:	ASAP	TBD	Not Specified
EXCEPTIONS: Y or N	Pump station manufacturer is on 20 plus week lead time.	Mfer estimates shipment at 18-20 wks after receipt of signed contract & approved drawing. After shipment project can be completed within a week	1. Permits; 2. Foot Values (Reuse existing foot valves); 3. Existing suction and discharge piping to the bldg we are intending to reuse.
ACKNOWLEDGEMENT: Y or N	Y	Y	Y
SCHEDULE OF VALUES: Y or N	Y	Y	Y
BIDDER QUESTIONNAIRE: Y or N	Y	Y	Y
3 ADDENDUMS: Y or N	N	Y	N
FORMS: Y or N	N	Y	Y

ATTEST:
 (*Bid Opening conducted via a Zoom Meeting)
 Brian Goul

 Dennis Trantham

 Heather Chomiak

 Andrew Chambliss

 Emily Frontera
 Purchasing Manager



MIDOH-2

OP ID: LS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/30/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Agency of Ohio 7100 N High St Ste 300 Worthington, OH 43085-2333 Ralph L Guarasci 614-848-3000	CONTACT NAME: Ralph L Guarasci PHONE (A/C, No, Ext): 614-848-3000 FAX (A/C, No): 614-848-7698 E-MAIL ADDRESS: Ralph@IAofOhio.com														
INSURED Mid Ohio Electric Co 1170 McKinley Ave Columbus, OH 43222-1113	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A : Cincinnati Insurance Co</td> <td style="text-align: center;">10677</td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Cincinnati Insurance Co	10677	INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURER C :															
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		EPP 0056101	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	X		EPP 0056101	01/01/2021	01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EPP 0056101	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) Y/N <input type="checkbox"/> N/A If yes, describe under DESCRIPTION OF OPERATIONS below			OH EMPL LIABILITY EPP 0056101	01/01/2021	01/01/2022	<input type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder is named as an Additional Insured as per form GA472 - Automatic Additional Insured
 30 day notice of cancellation applies.
 Project: Troy, Sanctuary Lake Golf Course, 1450 E. South Blvd, Troy MI 48085

CERTIFICATE HOLDER

CANCELLATION

TROY--3 CITY OF TROY Building Inspection 500 West Big Beaver Road Troy, MI 48084	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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