



Sheldon Neeley
Mayor

REQUEST FOR PROPOSALS

PROPOSAL NO. 26000502

Publish Date: 6/25/25

The City of Flint, Finance Department of Purchases & Supplies, is soliciting sealed bids for providing:

SWITCHGEAR MAINTENANCE

Per the attached additional requirements.

If your firm is interested in providing the services requested, please submit:

Submit to City:

- 1 original, printed, signed, original proposals and signed addenda
- 2 additional copies unbound
- 1 electronic copy

Please follow the following bid timeline.

Questions

All written questions shall be directed Lauren Rowley, Purchasing Manager by **Wednesday, July 2, 2025, by 10am EST** to lrowley@cityofflint.com.

Bid Submission Requirements

1. The mail in **HARD COPY** with the original signature (signed documents) must be received by **Wednesday, July 9, 2025, by 11:00 A.M. (EST)**, City of Flint, Finance Department - Division of Purchases and Supplies, 1101 S. Saginaw St., Room 203, Flint, MI, 48502. Bids must be in a sealed envelope clearly identifying the proposal name and proposal number.
2. **Electronic Copies** are being accepted on the BidNet Direct platform. Please submit them by **Wednesday, July 9, 2025, by 11:00 A.M. (EST)**.
 - An electronic bid submission user guide can be found here: <https://faq.bidnetdirect.com/electronic-bid-submission>.
 - Bidnet Direct's Vendor Support team is available M-F from 8 a.m. – 8 p.m. ET. You can contact them at (800) 835-4603 or support@bidnet.com.
 - Emailed copies may be submitted to PurchasingBids@cityofflint.com in the event of technical error. Please note that in the subject line of the email, type in the proposal name and number. This must be submitted by the due date and time.
3. Faxed bids are not accepted.
4. Both mail in proposal and electronic submittal must be received by the due date and time.

Bid Opening

Bid Opening

Wednesday, July 9 · 11:00 – 11:30am

Time zone: America/New_York

Google Meet joining info

Video call link: <https://meet.google.com/dmi-hvrn-jyq>

Or dial: (US) +1 513-536-8107 PIN: 197 121 977#

More phone numbers: <https://tel.meet/dmi-hvrn-jyq?pin=3124229124755>

All additional proposal documents, requirements, addendums, specifications, and plans/drawings (if utilized) are available on the Purchasing page of the City of Flint's web site at <https://www.cityofflint.com/purchasing/>.

Effective immediately upon release of these Bidding Documents, and until notice of contract award, all official communications from proposers regarding the requirements of this Bid shall be directed to:

Lauren Rowley
810-766-7266 ext. 2904
lrowley@cityofflint.com

The City, or designee, shall distribute all official changes, modifications, responses to questions or notices relating to the requirements of this Bid. Addendum to this Bid may be developed and shared with all Vendors. Any other information of any kind from any other source shall not be considered official, and proposers relying on other information do so at their own risk.

NOTICE TO VENDOR Offers, subject to the conditions made a part hereof, will be received at this office, ***1101 S. Saginaw St., Flint, MI 48502 for the following:***

City of Flint has partnered with BidNet as part of the [MITN Purchasing Group](#) (branded page link) to post bid opportunities to this site. As a vendor, you can register with the [MITN Purchasing Group](#) and be sure that you see all available bids and opportunities. By selecting automatic bid notification, your company will receive emails once the City of Flint has a bid opportunity that matches your company's business. In addition, the site handles bid opportunities, RFPs, and RFQs for other member governmental agencies throughout Michigan. The City of Flint looks forward to providing you with more bid information and simplifying the entire bid, proposal, and quote processes for everyone involved. We appreciate your cooperation and welcome your participation. If you need help registering, please call the MITN Purchasing Group support department toll free 1-800-835-4603 option #2.

Link to City of Flint open solicitations:

[MITN Purchasing Group](#) (branded page link)

INSTRUCTIONS TO VENDORS

- 1) **PRE-BID INFORMATION AND QUESTIONS:** Each bid that is timely received will be evaluated on its merit and completeness of all requested information. In preparing bids, Bidders are advised to rely only upon the contents of this Request for Proposals (RFP) and accompanying documents and any written clarifications or addenda issued by the City of Flint. If a Bidder finds a discrepancy, error or omission in the RFP package, or requires any written addendum thereto, the Bidder is requested to notify the Purchasing contact noted on the cover of this RFP, so that written clarification may be sent to all prospective Bidders. **THE CITY OF FLINT IS NOT RESPONSIBLE FOR ANY ORAL INSTRUCTIONS.** All questions must be submitted in writing to the Finance Department of Purchases and Supplies before any pre-bid deadline (if specified) or at least one (1) week prior to the proposal opening date indicated on the front of this document.
- 2) **RFP MODIFICATIONS:** The City of Flint has the right to correct, modify or cancel the RFP, in whole or in part, or to reject any Bid, in whole or in part, within the discretion of the City of Flint, or their designee. If any such changes are made, all known recipients of the RFP will be sent a copy of such changes. If any changes are made to this RFP document by any party other than the City of Flint, the original document in the City of Flint's files takes precedence.
- 3) **PROPOSAL SUBMISSION:**
 - a) The Bidder must include the following items, or the proposal may be deemed non-responsive:
 - i) All forms contained in this RFP, fully completed.
 - b) Bids must be submitted to the Finance Department of Purchases and Supplies, City of Flint, 1101 S. Saginaw

Street, Room 203, Flint, Michigan 48502 by the date and time indicated as the deadline. The Purchasing Department time stamp will determine the official receipt time. It is each Bidder's responsibility to insure that their proposal is time stamped by the Purchasing Department by the deadline. This responsibility rests entirely with the Bidder, regardless of delays resulting from postal handling or for any other reasons. Proposals will be accepted at any time during the normal course of business only, said hours being 8:00 a.m. to 5:00 p.m. local time, Monday through Friday, legal holidays as exception.

- c) Bids must be enclosed in a sealed, non-transparent envelope, box or package, and clearly marked on the outside with the following: RFP Title, RFP Number, Deadline and Bidder's name.
 - d) Submission of a bid establishes a conclusive presumption that the Bidder is thoroughly familiar with the Request for Proposals (RFP), and that the Contractor understands and agrees to abide by each and all of the stipulations and requirements contained therein.
 - e) All prices and notations must be typed or printed in ink. No erasures are permitted. Mistakes may be crossed out and corrections must be initialed in ink by the person(s) signing the bid.
 - f) Proposals sent by email, facsimile, or other electronic means will not be considered unless specifically authorized in this RFP.
 - g) All costs incurred in the preparation and presentation of the bid are the Bidder's sole responsibility; no pre-bid costs will be reimbursed to any Bidder. All documentation submitted with the proposal will become the property of the City of Flint.
 - h) Proposals must be held firm for a minimum of 120 days.
- 4) **EXCEPTIONS:** Bidder shall clearly identify any proposed deviations from the Terms or Scope in the Request for Proposals. Each exception must be clearly defined and referenced to the proper paragraph in this RFP. The exception shall include, at a minimum, the proposed substitute language and opinion as to why the suggested substitution will provide equivalent or better service and performance. If no exceptions are noted in the bid, the City of Flint will assume complete conformance with this specification and the successful Bidder will be required to perform accordingly. Bids not meeting all requirements may be rejected.
- 5) **DUPLICATE BIDS:** No more than one (1) bid from any Bidder including its subsidiaries, affiliated companies and franchises will be considered by the City of Flint. In the event multiple proposals are submitted in violation of this provision, the City will have the right to determine which bid will be considered or, at its sole option, reject all such multiple proposals.
- 6) **WITHDRAWAL:** Bids may only be withdrawn by written notice prior to the date and time set for the opening of bids. No bid may be withdrawn after the deadline for submission.
- 7) **REJECTION/GOOD STANDING:** The City of Flint reserves the right to reject any or all bids, or to accept or reject any bid in part, and to waive any minor informality or irregularity in bids received if it is determined by the City of Flint, or their designee, that the best interest of the City will be served by doing so. No bid will be considered from any person, firm or corporation in arrears or in default to the City on any contract, debt, taxes or other obligation, or if the Bidder is debarred by the City of Flint from consideration for a contract award pursuant to Section 18-21.5 (d) of Article IV of the "Purchasing Ordinance of the City of Flint".
- 8) **PROCUREMENT POLICY:** Procurement for the City of Flint will be handled in a manner providing fair opportunity to all businesses. This will be accomplished without abrogation or sacrifice of quality and as determined to be in the best interest of the City. The City of Flint and their officials have the vested authority to execute a contract, subject to City Council and Mayoral approval where required.
- 9) **BID SIGNATURES:** Bids must be signed by an authorized official of the Bidder. Each signature represents binding commitment upon the Bidder to provide the goods and/or services offered to the City of Flint if the

Bidder is determined to be the lowest Responsive and Responsible Bidder.

- 10) **CONTRACT AWARD/SPLIT AWARDS:** The City of Flint reserves the right to award by item and/or group of items. The Bidder to whom the award is made will be notified at the earliest possible date. Tentative acceptance of the bid, intent to recommend award of a contract and actual award of the contract will be provided by written notice sent to the Bidder at the address designated in the bid if a separate Agreement is required to be executed. After a final award of the Agreement by the City of Flint, the Contractor/Vendor must execute and perform said Agreement. All proposals must be firm for at least 120 days from the due date of the proposal. If, for any reason, a contract is not executed with the selected Bidder within 14 days after notice of recommendation for award, then the City may recommend the next lowest responsive and responsible Bidder.
- 11) **NO RFP RESPONSE:** Bidders who receive this RFP but who do not submit a bid should return this RFP package stating "No Bid" and are encouraged to list the reason(s) for not responding. Failure to return this form may result in removal of the Bidder's name from all future lists.
- 12) **FREEDOM OF INFORMATION ACT (FOIA) REQUIREMENTS:** Bids are subject to public disclosure after the deadline for submission in accordance with state law.
- 13) **ARBITRATION:** Contractor/Vendor agrees to submit to arbitration all claims, counterclaims, disputes and other matters in question arising out of or relating to this agreement or the breach thereof. The Contractor's/Vendor's agreement to arbitrate shall be specifically enforceable under the prevailing law of any court having jurisdiction to hear such matters. Contractor's/Vendor's obligation to submit to arbitration shall be subject to the following provisions:
 - a) Notice of demand for arbitration must be submitted to the City in writing within a reasonable time after the claim, dispute or other matter in question has arisen. A reasonable time is hereby determined to be fourteen (14) days from the date the party demanding the arbitration knows or should have known the facts giving rise to their claim, dispute or question. In no event may the demand for arbitration be made after the time when institution of legal or equitable proceedings based on such claim dispute or other matters in question would be barred by the applicable statute of limitation.
 - b) Within fourteen (14) days from the date that demand for arbitration is received by the City, each party shall submit to the other the name of one person to serve as an arbitrator. The two arbitrators together shall then select a third person, the three together shall then serve as a panel in all proceedings. Any decision concurred in by a majority of the three shall be a final binding decision.
 - c) The final decision rendered by said arbitrators shall be binding and conclusive and shall be subject to specific enforcement by a court of competent jurisdiction.
 - d) The costs of the arbitration shall be split and borne equally between the parties and such costs are not subject to shifting by the arbitrator.
 - e) This provision shall survive the expiration or termination of this Agreement in perpetuity.
- 14) **BID HOLD:** The City of Flint may hold bids for a period of one hundred twenty (120) days from opening, for the purpose of reviewing the results and investigating the qualifications of bidders prior to making an award.
- 15) **NONCOMPLIANCE:** Failure to deliver in accordance with specifications will be cause for the City of Flint and they may cancel the contract or any part thereof and purchase on the open market, charging any additional cost to the Contractor/Vendor.

- 16) **DISCLAIMER OF CONTRACTUAL RELATIONSHIP:** Nothing contained in these documents shall create any contractual relationship between the City and any Subcontractor or Sub-subcontractor.
- 17) **ERRORS AND OMISSIONS:** Bidder is not permitted to take advantage of any obvious errors or omissions in specifications.
- 18) **INTERPRETATION:** In the event that any provision contained herein shall be determined by a court of competent jurisdiction or an appropriate administrative tribunal to be contrary to the provision of law or to be unenforceable for any reason, then, to the extent necessary and possible to render the remainder of this Agreement enforceable, such provision may be modified or severed by such court or administrative tribunal having jurisdiction over this Agreement and the interpretation thereof, or the parties hereto, so as to, as nearly as possible, carry out the intention of the parties hereto, considering the purpose of the entire Agreement in relation to such provision.
- 19) **LAWS AND ORDINANCES:** The Bidder shall obey and abide by all of the laws, rules and regulations of the Federal Government, State of Michigan, Genesee County and the City of Flint, applicable to the performance of this Agreement, including, but not limited to, labor laws, and laws regulating or applying to public improvement, local government, and its operational requirements.
- ~~20) **LOCAL PREFERENCE:** Contractors/bidders located within the corporate city limits of Flint, Michigan may be given a seven percent (7%) competitive price advantage. Additionally, if the lowest responsible bidder is not located within the limits of the City of Flint, but is located within the County of Genesee, and said bidder does not exceed the bid of the lowest non-local bidder by more than three and one-half percent (3-1/2%), then said lowest Genesee County bidder may be determined to be the lowest responsible bidder, and make the award to such Genesee County bidder accordingly, subject to the approval of the City Council. If the lowest non-local bidder does not exceed that of any Proposers/bidders by (7%) inside the City of Flint or (3-1/2%) inside the County of Genesee, then the Purchasing Director shall be allowed to request that the lowest local vendor match the price offered by the lowest non-local vendor.~~
- 21) **MATERIAL WORKMANSHIP AND STANDARDS OF PERFORMANCE:** The Bidder agrees to exercise independent judgment and to complete performance under this Agreement in accordance with sound professional practices. In entering into this Agreement, the City is relying upon the professional reputation, experience, certification and ability of the Bidder by her/him/themselves or by others employed by her/him/them and working under their direction and control. The continued effectiveness of this Agreement during its term or any renewal term shall be contingent, in part, upon the Bidder maintaining her/his/their operating qualifications in accordance with the requirements of federal, state and local laws. All materials furnished must be new, of latest model and standard first grade quality, or best workmanship and design, unless otherwise expressly specified. Bidder, if required, must furnish satisfactory evidence of quality materials; offers of experimental or unproven equipment may be disregarded.
- 22) **MODIFICATIONS/CHANGES:** Any modification to this agreement must be in writing and signed by the authorized employee, officer, board or council representative authorized to make such modifications pursuant to the State law and local ordinances.
- 23) **NON-COLLUSION:** The Bidder acknowledges that by signing this document that she/he/they is/are duly authorized to make said offer on behalf of the company she/he/they represent(s) and that said bid is genuine and not sham or collusive and not made in the interests or on behalf of any person not therein named, and that she/he/they and said bidder have not directly induced or solicited any other person(s) or corporation to refrain from responding to this solicitation and that she/he/they and said bidder have not in any manner sought by collusion to secure to themselves and said bidder any advantage over any other bidder.
- 24) **NON-DISCRIMINATION:** Pursuant to the requirements of 1976 P.A. 453 (Michigan Civil Rights Act) and 1976 P.A. 220 (Michigan Handicapped Rights Act), the local unit and its agent agree not to discriminate against any

employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight, marital status or because of a handicap that is unrelated to the person's ability to perform the duties of nondiscrimination provision identical to this provision and binding upon any and all contractors and subcontractors. A breach of this covenant shall be regarded as a material breach of this contract.

25) **SUBCONTRACTING:** No subcontract work shall be started prior to the written approval of the subcontractor by the City. The City reserves the right to accept or reject any subcontractor.

26) **UNION COMPLIANCE:** Bidder agrees to comply with all regulations and requirements of any national or local union(s) that may have jurisdiction over any of the materials, facilities, services or personnel to be furnished by the City.

27) **WAIVER:** Failure of the City to insist upon strict compliance with any of the terms, covenants or conditions of this Agreement shall not be deemed a waiver of that term, covenant or condition or of any other term, covenant or condition. Any waiver or relinquishment of any right or power hereunder at any one or more times shall not be deemed a waiver or relinquishment of that right or power at any other time.

28) **CITY INCOME TAX WITHHOLDING:** Contractor and any subcontractor engaged in this contract shall withhold from each payment to his employees the City income tax on all of their compensation subject to tax, after giving effect to exemptions, as follows:

- a) Residents _____ of _____ the _____ City:
At a rate equal to 1% of all compensation paid to the employee who is a resident of the City of Flint.
- b) Non-residents:
At a rate equal to 1/2% of the compensation paid to the employee for work done or services performed in the City of Flint.

These taxes shall be held in trust and paid over to the City of Flint in accordance with City ordinances and State law. Any failure to do so shall constitute a substantial and material breach of this contract.

29) **CONTRACT DOCUMENTS:** The invitation for proposal, instructions to proposal, proposal, affidavit, addenda (if any), statement of Bidder's qualifications (when required), general conditions, special conditions, performance bond, labor and material payment bond, insurance certificates, technical specifications, and drawings, together with this agreement, form the contract, and they are as fully a part of the contract as if attached hereto or repeated herein.

30) **DISCLAIMER OF CONTRACTUAL RELATIONSHIP WITH SUBCONTRACTORS:** Nothing contained in the Contract Documents shall create any contractual relationship between the City and any Subcontractor or Sub-subcontractor.

31) **EFFECTIVE DATE:** Any agreement between the City and the Bidder shall be effective upon the date that it is executed by all parties hereto.

32) **FORCE MAJEURE:** Neither party shall be responsible for damages or delays caused by Force Majeure nor other events beyond the control of the other party and which could not reasonably have anticipated the control of the other party and which could not reasonably have been anticipated or prevented. For purposes of this Agreement, Force Majeure includes, but is not limited to, adverse weather conditions, floods, epidemics, war, riot, strikes, lockouts, and other industrial disturbances; unknown site conditions, accidents, sabotage, fire, and acts of God. Should Force Majeure occur, the parties shall mutually agree on the terms and conditions upon which the services may continue.

- 33) **INDEMNIFICATION:** To the fullest extent permitted by law, Bidder agrees to defend, pay on behalf of, indemnify, and hold harmless the City of Flint, its elected and appointed officials, employees and volunteers and others working on behalf of the City of Flint, including the Project Manager, against any and all claims, demands, suits, or losses, including all costs connected therewith, and for any damages which may be asserted, claimed, or recovered against or from the City of Flint, its elected and appointed officials, employees, volunteers or others working on behalf of the City of Flint, by reason of personal injury, including bodily injury or death and/or property damage, including loss of use thereof, which may arise as a result of Bidder's acts, omissions, faults, and negligence or that of any of his employees, agents, and representatives in connection with the performance of this contract. Should the Bidder fail to indemnify the City in the above-mentioned circumstances, the City may exercise its option to deduct the cost that it incurs from the contract price forthwith. These provisions shall survive the termination or expiration of any agreement entered into as a result of this request.
- 34) **INDEPENDENT CONTRACTOR:** No provision of this contract shall be construed as creating an employer-employee relationship. It is hereby expressly understood and agreed that Bidder is an "independent contractor" as that phrase has been defined and interpreted by the courts of the State of Michigan and, as such, Bidder is not entitled to any benefits not otherwise specified herein.
- 35) **NO THIRD-PARTY BENEFICIARY:** No contractor, subcontractor, mechanic, material man, laborer, vendor, or other person dealing with the principal Contractor shall be, nor shall any of them be deemed to be, third-party beneficiaries of this contract, but each such person shall be deemed to have agreed (a) that they shall look to the principal Contractor as their sole source of recovery if not paid, and (b) except as otherwise agreed to by the principal Contractor and any such person in writing, they may not enter any claim or bring any such action against the City under any circumstances. Except as provided by law, or as otherwise agreed to in writing between the City and such person, each such person shall be deemed to have waived in writing all rights to seek redress from the City under any circumstances whatsoever.
- 36) **NON-ASSIGNABILITY:** Contractor shall not assign or transfer any interest in this contract without the prior written consent of the City provided, however, that claims for money due or to become due to Contractor from the City under this contract may be assigned to a bank, trust company, or other financial institution without such approval. Notice of any such assignment or transfer shall be furnished promptly to the City.
- 37) **NON-DISCLOSURE/CONFIDENTIALITY:** Contractor agrees that the documents identified herein as the contract documents are confidential information intended for the sole use of the City and that Contractor will not disclose any such information, or in any other way make such documents public, without the express written approval of the City or the order of the court of appropriate jurisdiction or as required by the laws of the State of Michigan.
- 38) **RECORDS PROPERTY OF CITY:** All documents, information, reports and the like prepared or generated by Contractor as a result of this contract shall become the sole property of the City of Flint.
- 39) **SEVERABILITY:** In the event that any provision contained herein shall be determined by a court or administrative tribunal to be contrary to a provision of state or federal law or to be unenforceable for any reason, then, to the extent necessary and possible to render the remainder of this Agreement enforceable, such provision may be modified or severed by such court or administrative tribunal so as to, as nearly as possible, carry out the intention of the parties hereto, considering the purpose of the entire Agreement in relation to such provision. The invalidation of one or more terms of this contract shall not affect the validity of the remaining terms.
- 40) **TERMINATION:** This contract may be terminated by either party hereto by submitting a notice of termination to the other party. Such notice shall be in writing and shall be effective 30 days from the date it is submitted unless otherwise agreed to by the parties hereto. Contractor, upon receiving such notice and prorated payment upon termination of this contract shall give to the City all pertinent records, data, and information

created up to the date of termination to which the City, under the terms of this contract, is entitled.

- 41) **TIME PERFORMANCE:** Contractor's services shall commence immediately upon receipt of the notice to proceed and shall be carried out forthwith and without reasonable delay.
- 42) **EVALUATION OF PROPOSAL:** In the City's evaluation of proposals, at minimum: cost, serviceability, financial stability, and all requirements set forth in this document shall be considered as selection and award criteria unless otherwise specified.
- 43) **PREVAILING WAGE:** When applicable, all work for this project, including that of any subcontractor or sub-subcontractor, must meet Davis-Bacon Act requirements and full prevailing wage. Information on Davis-Bacon reporting and requirements, including payroll reporting, can be found at: <https://www.dol.gov/whd/govcontracts/dbra.htm>
- 44) **INSURANCE & BONDS:** The bidder whose proposal is accepted will be required to furnish bonds and evidence of insurance within five days from date of Notice of Award. In case of failure or refusal on the part of the bidder to furnish bonds, if required, within the set period, the amount of deposit may be forfeited to the county and the contract may be awarded to the next lowest responsible bidder. Upon the notification of award and approval of the bond, the deposit will be returned to the proposer. The deposit of persons other than the one to whom an award is made will be returned to the person or persons making the proposal immediately after the contract and bonds have been executed.
- 45) **PROPOSAL SUBMISSION:** Proposals and all information requested of the vendor shall be entered in the appropriate spaces. Failure to do so may disqualify the vendor's offer. An authorized officer or employee of the bidder shall submit the proposal.
- 46) **PRICES:** Prices proposed shall be for new products in current production unless otherwise specified. Where refurbished or discontinued items are offered they must be clearly identified as such. Prices proposed shall be exclusive of any rebates due the City. Any rebates the City may be entitled to should be shown as a separate line item and include expiration date. Corrections and/or modifications received after the bid closing time specified will not be accepted. Unit prices prevail. All prices will be bid F.O.B. DESTINATION, INCLUDE ALL DELIVERY AND ANY ADDITIONAL CHARGES, and remain in effect as specified in the quotation.
- 47) **AWARD:** Unless otherwise stated in the proposal documents, the City cannot guarantee exclusivity of the contract for the proposed products or services. Award of the proposal shall be based upon a combination of factors, including but not limited to, adherence to proposal requirements, references and any other factors that may be in the City's best interest. The City reserves the right to reject any and all bids, and to waive any defect or irregularity in bids. The City reserves the right to accept and separate items in the bid; and to accept the proposal that in the opinion of the City is to the best advantage and interest of the public we serve. The City also has the right to re-solicit bids if it is deemed to be in the best interest of the City. The City reserves the right to reject low bids which have major deviations from our specification; to accept a higher quotation which has only minor deviations. By signing the bid, the vendor agrees to accept a split award unless the awarded vendor clearly indicates that it takes exception. The bid will be awarded to that responsible, responsive bidder whose proposal conforms to this solicitation, and will be most advantageous to the City, with regard not only to price, but also to availability of product, location and quality of product considered.

The City reserves the right to award all line items, to make no award or to award on an individual line item basis, whichever is deemed to be in the best interest of the City.

Time of delivery may be a consideration in the award.

48) **ETHICS IN PURCHASING:** Bidders and proposers are required to comply with Flint City Ordinance 3865 in its entirety. It is incumbent upon and the responsibility of the bidder to become familiar with and comply with the Purchasing ordinances as outlined in 3865 covering chapter 18 of the Flint City Ordinances. Bidder/Proposer acknowledges in accordance with Flint City Ordinance Section 18-21.19 Ethics in Purchasing, any and all communication about the bid selection process should be directed to those City employees delegated with the authority with respect to all purchases of goods and services.

Bidder/Proposer acknowledges and agrees that while a procurement is pending, bidders and proposers shall not communicate about the solicitation with any City employee, agent, or elected official, other than the purchasing director or other City personnel identify in the solicitation. This means that bidder and proposer are prohibited from communicating orally or by written communications, including but not limited to voicemail messages, social media, email, in person, among any other form of communication while the award is pending, to the aforementioned, with the exception to those employees designated by the City. If you are unclear about the process, it is your duty and obligation to contact the designated employee(s) for clarification.

Violations of the ethics provision of the ordinance, without regard to if the violation rises to the level of a criminal violation, may subject the bidder or proposer to debarment.

49) **BID PROTESTS:** If Bidder/Proposal believe that they are aggrieved in connection with the solicitation or award of the purchase order or contract, they may protest the action to the City as outlined in Flint City Charter Section 18-21.15.

THE FOLLOWING PAGES MUST BE COMPLETED AND INCLUDED WITH SUBMITTAL IN THE FOLLOWING ORDER.

Purchasing Checklist:

- ☐ Exhibit A - Complete Proposal Submittal with detailed Summary of Pricing
- ☐ Exhibit B –Qualifications and Licenses Requirements
- ☐ Exhibit C – Disclosure of Supplier Responsibility Statement
- ☐ Exhibit D - List of References
- ☐ Exhibit E - Certificate of Insurance
- ☐ Exhibit F – Non-Bidder’s Response
- ☐ Exhibit G – City of Flint Affidavit



❖ EXHIBIT A - SUBMITTAL WITH DETAILED SUMMARY OF PRICING

SCOPE OF WORK ATTACHED SEPARATELY.

1. Failure to use this bid form shall result in bid disqualification.
2. Failure to bid on all items shall result in an "incomplete bid" determination.
3. List value-added considerations on a separate sheet of paper.
4. All bid pricing to include shipping and freight charges.

THIS PAGE MUST BE COMPLETED AND INCLUDED WITH THE BID

The undersigned hereby certifies, on behalf of the respondent named in this Certification (the "Respondent"), that the information provided in this offer submitted to the City of Flint, Department of Purchase and Supplies is accurate and complete, and that I am duly authorized to submit same. I hereby certify that the Respondent has reviewed all documents and requirements included in this offer and accept its terms and conditions.

Terms: _____

Fed. ID #: _____

Company (Respondent): _____

Address: _____

City, State & Zip Code: _____

Phone / Fax Number: _____ FAX: _____

Email: _____

Print Name and Title: _____

(Authorized Representative)

Signed: _____

(Authorized Representative)

EXHIBIT B - QUALIFICATIONS AND LICENSES REQUIREMENTS

Please give a synopsis of your qualifications and experience with this service:

Please list Licenses:

How long have you been in business?

Have you done business with the City of Flint?

If yes, please state the project name.

EXHIBIT C – DISCLOSURE OF SUPPLIER RESPONSIBILITY STATEMENT

1. List any convictions of any person, subsidiary, or affiliate of the company, arising out of obtaining, or attempting to obtain a public or private contract, or subcontract, or in the performance of such contract or subcontract.

2. List any convictions of any person, subsidiary, or affiliate of this company for offenses such as embezzlement, theft, fraudulent schemes, etc. or any other offense indicating a lack of business integrity or business honesty which affect the responsibility of the contractor.

3. List any convictions or civil judgments under state or federal antitrust statutes.

4. List any violations of contract provisions such as knowingly (without good cause) to perform, or unsatisfactory performance, in accordance with the specifications of a contract.

5. List any prior suspensions or debarments by any government agency.

6. List any contracts not completed on time.

7. List any documented violations of federal or state labor laws, regulations or standards, or occupational safety and health rules.

**❖ EXHIBIT D – LIST OF REFERENCES: (3) SIMILAR SCOPE OF WORK FROM
THE LAST 5 YEARS**

Providing the following contact information enables the City of Flint to contact those accounts as references.

Reference #1:

Company/Municipality: _____

Contact Person: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Email: _____

Type of Project: _____

Project Timeline (Dates): _____ Budget: _____

Reference #2:

Company/Municipality: _____

Contact Person: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Email: _____

Type of Project: _____

Project Timeline (Dates): _____ Budget: _____

**❖ EXHIBIT D – LIST OF REFERENCES: (3) SIMILAR SCOPE OF WORK FROM
THE LAST 5 YEARS (CONTINUES)**

Reference #3:

Company/Municipality: _____

Contact Person: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

Email: _____

Type of Project: _____

Project Timeline (Dates): _____ Budget: _____

❖ EXHIBIT E – CERTIFICATE OF INSURANCE

INSURANCE REQUIREMENTS

The Contractor shall notify all insurance agents and companies retained by the Contractor that these insurance requirements shall be included in any Agreement between the Contractor and the City of Flint.

The Contractor shall purchase and maintain, at its sole expense and as long as it is providing services to the City, the following insurance coverage:

Commercial General Liability - Occurrence form, including coverage for bodily injury, personal injury, property damage (broad form), premises/operations, blanket contractual, and products/completed operations. Coverage shall be endorsed to include the City as an additional insured for work performed by the Contractor in accordance with the Agreement.

Minimum Limits:

- \$1,000,000 per occurrence/\$2,000,000 general aggregate
- \$2,000,000 aggregate for products and completed operations
- \$1,000,000 personal and advertising injury

Automobile - Michigan "no-fault" coverage, and residual automobile liability, comprehensive form, covering owned, hired, and non-owned automobiles. Coverage shall be endorsed to include the City as an additional insured for work performed by the Contractor in accordance with the Agreement.

Minimum Limits:

- No-fault coverages - statutory
- \$500,000 per person/\$1,000,000 per accident - bodily injury
- \$500,000 per occurrence - property damage
- A combined single limit of \$1,000,000 per occurrence

Workers' Compensation and Employer's Liability- Statutory coverage or proof acceptable to the City of approval as a self-insurer by the State of Michigan.

❖ EXHIBIT E – CERTIFICATE OF INSURANCE (CONTINUES)

Minimum Limits:

- Workers' Compensation - statutory
- Employer's Liability - \$100,000 each accident/\$100,000 disease - each employee
- \$500,000 disease - policy limit

Professional Liability – Covering acts, errors or omissions of a professional nature committed or alleged to have been committed by the Contractor or any of its subcontractors. Coverage shall be effective upon the date of the Agreement and shall remain effective for a period of three (3) years after the date of final payment thereunder. Such coverage shall be endorsed to include any subcontractors hired by the City.

Minimum Limits:

- \$1,000,000 per occurrence, \$1,000,000 annual aggregate

Insurance coverage shall cover all claims against the City of Flint, its officials and employees, arising out of the work performed by the Contractor or any subcontractors under the Agreement. Should any work be subcontracted, it shall be the responsibility of the Contractor to maintain Independent Contractor's Protective Liability Insurance with limits equal to those specified above for Commercial General Liability Insurance. In addition, the Contractor shall provide proof of Workers' Compensation Insurance for all subcontractors in compliance with the required statutory limits of the State of Michigan.

Said policies of insurance shall be with companies licensed to do business in the State of Michigan and in a form satisfactory to the City. All insurance companies must maintain a rating of B+, VIII or better from AM. Best Company. Certificates of insurance with a thirty-(30) day cancellation clause shall be filed with and approved by the City at least five (5) days in advance of commencing work under the Agreement. Cancellation, material restriction, non-renewal or lapse of any of the required policies shall be grounds for immediate termination of the Agreement by the City.

The City reserves the right to request a complete certified copy of the policies for the above coverage's.

Any reduction or exhaustion in the limits of required insurance coverage shall not be deemed to limit the indemnification afforded in accordance with the Agreement or any amendments thereto.

Depending on the subject matter of the transaction, the City may require other insurance coverage in addition to the coverage's contained herein.

THE BID NUMBER IS TO APPEAR ON ALL INSURANCE CERTIFICATES

❖ EXHIBIT F – NON-BIDDER'S RESPONSE

VENDOR'S NAME: _____

NON-BIDDER'S RESPONSE

For the purpose of facilitating your firm's response to our invitation to bid, the City of Flint is interested in ascertaining reasons for prospective bidder's failure to respond to "Invitations to Bid". If your firm is not responding to this bid, please indicate the reason(s) by checking any appropriate item(s) below and return this form to the above address.

We are **not** responding to this "Invitation to Bid" for the following reason(s):

_____ Items or materials requested not manufactured by us or not available to our company.

_____ Our items and/or materials do not meet specifications.

_____ Specifications not clearly understood or applicable (too vague, too rigid, etc.).

_____ Quantities too Small.

_____ Insufficient time allowed for preparation of bid.

_____ Incorrect address used. Our correct mailing address is:

_____ Our branch / division handles this type of bid. We have forwarded this bid on to them but for the future the correct name and mailing address is: _____

_____ **OTHER:** _____

Thank you for your participation in this bid.

AFFIDAVIT FOR INDIVIDUAL

STATE OF _____

S.S.

COUNTY OF _____

_____ being duly sworn,
deposes and says that they are the person making the above bid; and that said bid is genuine and not sham or
collusive, and is not made in the interest of or on behalf of any person not therein named, and that they have not
directly or indirectly induced or solicited any bidder to put in a sham bid; that they have not directly or indirectly
induced or solicited any other person or corporation to refrain from bidding, and that they have not in any manner
sought by collusion to secure themselves any advantage over other bidders.

Subscribed and sworn to before me at _____, in said County and State,

this _____ day of _____, A.D. 20_____,

*Notary Public, _____ County, _____

My Commission expires _____, 20____

❖ **EXHIBIT G – CITY OF FLINT AFFADAVIT**

FOR CORPORATION

STATE OF _____

S.S.

COUNTY OF _____

_____ being duly sworn, deposes and says that she/he/they
is _____ of _____

(Official Title)

(Name of Corporation)

a corporation duly organized and doing business under the laws of the State of _____
the corporation making the within and foregoing bid; that they executed said bid in behalf of said corporation by
authority of its Board of Directors; that said bid is genuine and not sham or collusive and is not made in the
interests of or on behalf of any person not herein named, and that they have not and said bidder has not directly
or indirectly induced or solicited any other person or corporation to refrain from bidding; that they have not and
said bidder has not in any manner sought by collusion to secure to themselves or to said corporation an advantage
over other bidders.

Subscribed and sworn to before me at _____, in said County and State,

this _____ day of _____, A.D. 20 _____,

*Notary Public, _____ County, _____

My Commission expires _____, 20 _____

**City of Flint
Water Pollution Control Facility**

**Primary Electrical Distribution System
Switchgear Maintenance Specification**

I. PURPOSE

- A. The City of Flint Water Pollution Control Facilities (WPCF) is seeking detailed bids from Industrial Electric Testing and Repair Firms with in-depth electrical expertise to continue a medium and low voltage switchgear and motor control center preventative and corrective maintenance program. The selected firm will be responsible for all testing, cleaning, training and repairs to the electrical distribution system.

II. PRELIMINARY SCOPE OF WORK:

- A. The project is scheduled to be completed over three fiscal years (July 1 - June 30). This solicitation is for a time and materials proposal to perform the specified work.
- B. The work shall be completed in three phases.

1. PHASE I - Medium Voltage Equipment (4160 Volt)

- a. Infra-red study and written report.
- b. Report of any remaining asbestos material in power distribution system. City of Flint will remove or abate any asbestos found.
- c. Clean, inspect, test, and repair of equipment in accordance with National Electric Testing Association (NETA) standards. This may include double testing of medium voltage cable and transformers, if recommended by the bid awardee and authorized by WPC.
- d. Written maintenance and repair recommendations, including cost estimates.
- e. Grounding inspection and testing, per NEC-2024 and the latest adopted code in Michigan. Provide a written report detailing the findings and recommendations to repair any deficiencies.
- f. Provide training to WPC Employees, if requested.

2. PHASE II - LOW VOLTAGE EQUIPMENT (480 Volt)

- a. Correct and retest any problem areas from Phase I and provide written report.

- b. Infra-red study and written report.
- c. Clean, inspect, test and repair of equipment in accordance with NETA standards
- d. Grounding inspection and testing, per NEC-2024 or latest adopted code in Michigan. Provide a written report detailing the findings and recommendations to repair any deficiencies.
- e. Written report detailing preventative maintenance recommendations.

3. PHASE III -

- a. Correct and retest any problem areas from Phases I & II and provide final written report.
- b. Confirm all switchgear relay calibration settings and provide written report.
- c. Test transformer oil on all applicable transformers and provide written report.

III. GENERAL REQUIREMENTS

- A. The testing firm shall be a recognized electrical testing and/or apparatus service firm with a minimum of five years experience in medium-voltage switchgear service, testing and repairs. Technicians assigned to perform work shall be factory-certified in maintenance and repair work and be NETA-certified. Certification shall be provided with the bid documents. The firm shall comply with all applicable NFPA regulations, NFPA 70E in particular, and other standard industry safety-related codes.
- B. The firm shall be able to provide State of Michigan certified electrical engineering services as requested. Typical services required may include but are not limited to control wiring, relays, trip curve calculations and short-circuit studies.
- C. The testing firm shall provide all material, equipment, labor and technical supervision to perform all inspections, tests and work herein specified or otherwise requested or required. This shall include any loading, unloading, moving or positioning of equipment and materials. This shall also include any power requirements necessary for testing.
- D. It is the intent of these inspections and tests to field verify and assure that the WPCF's primary and secondary electrical distribution system equipment and components are operating within industry and manufacturer's tolerances and standards. This includes but is not limited to all protective devices and relays including Ground-Fault, meters, circuit breakers, circuit interrupters, switches, Kirk-Key interlock schemes, electrical interlocks and insulation systems.
- E. All circuit switching and de-energizing shall be the responsibility of the City of Flint. No shutdowns or testing or inspection work shall commence without specific notification and
Water Pollution Control - Switchgear Maintenance (T)

direction from the City of Flint. Any de-energizing of circuits required by the contractor shall be listed in the bid.

- F. Any system, material, equipment or workmanship which is found to defective during the course of this testing and inspections shall be reported in writing to the City of Flint. In the case where failure appears imminent or where personnel safety is jeopardized the defect shall be reported immediately to the City of Flint.
- G. Minor system repairs which can be corrected at the time of the testing and inspections shall be performed during the execution of the work. Other repairs shall performed at the discretion of the City of Flint and may be contracted separately. WPC shall be informed of any repairs immediately.
- H. The testing firm shall maintain a written record of all tests and work performed, and upon completion of each individual set of tests and inspections (i.e. Switchgear S2), shall assemble and certify a final test report which shall include copies of all raw field data taken during the execution of the work.
- I. Additional work may be requested as required.

IV. SCHEDULING OF WORK

- A. Some of the work covered by this specification may require significant power outages to the WPCF. This may interrupt the pumping and processing of wastewater and sludge. It will therefore require special care to ensure that the process is not excessively interrupted. Such work may be required to be performed during the weekend, so as to minimize the impact.

V. TRAINING

- A. If requested, training for a minimum one (1) Electrical Foreman, and two (2) Electricians or other designated personnel on Switchgear and Motor Control Center Maintenance shall be provided by OEM Factory Certified Instructors. Training shall include as a minimum:
 - 1. Original equipment manufacturers operation and maintenance recommendations.
 - 2. OSHA, MIOSHA, NEC and NFPA code regulations related to Power Distribution Systems.
 - 3. The training shall be a minimum 16 hours per person (64 man-hours total) on equipment listed in Appendix A, or as approved by the electrical foreman. The training shall be performed on-site at WPC.
 - 4. Complete training to cover Switchgear control logic and coordination for WPC Electricians and Electrical Foreman.

5. The WPC employees trained under this contract to properly operate the equipment shall be capable of training the remaining personnel to safely restart the facility in a timely manner in the event of a power outage or failure upon completion of the training.
6. Review and update of WPCF, Operation and Maintenance Manual sections related to electrical safety. The company shall provide all training material.

VI. TEST PROCEDURES

- A. The following describes the City of Flint WPC minimum testing and inspections to be performed on the equipment which comprises the Primary and Secondary Electrical Distribution System. If additional tests are required by Law, Code or manufacturer, those tests will also be performed and the City informed of the test and the results. Deliberate failure to perform any required test by Law, Code, manufacturer or the City of Flint shall result in a breach of contract. A listing of the equipment and components to be tested and/or inspected is attached in Appendix A.

1. Infra-red Heat Scan
 - a. Prior to equipment shutdowns for the purpose of inspections and testing, an infra-red heat scan shall be conducted throughout the Primary and Secondary Electrical Distribution System. It is intended that this scan shall identify potential problem areas within the system prior to the physical inspections.
 - b. The report generated by this infra-red heat scan shall include: photographs of any over temperature conditions, along with a regular photograph for positive identification of the location, noted system deficiencies with degree of the potential problem described, prioritized list of problems from most severe to least severe, and recommendations for repairs along with estimated costs and time required to complete repairs. Where possible, the actual load conditions or other extenuating circumstances shall be noted at the time of the survey.
2. General Cleaning and Testing
 - a. Remove accumulated dust and dirt using a vacuum cleaner and wiping. Compressed air shall not be used. Clean all surfaces using NETA industry standard procedures and materials.
 - b. Inspect equipment, bus and contacts for wear, damage, deterioration or other detrimental conditions.
 - c. Clean operating system using standard NETA industry procedures. Lubricate and test operating system of equipment using standard NETA industry procedures and materials.

- d. Inspect, check, and correct alignment of equipment, electrical connections, physical connections, mechanical parts and all appurtanances.
- e. Check integrity of insulation systems utilizing doble testing and other standard NETA industry tests.
- f. When left, all equipment shall be within manufacturer and industry specifications and shall perform properly as intended. Equipment needing attention or repairs shall be tagged, brought to the attention of the WPC Electrical Foreman and noted on the applicable report.
- g. Protective relays shall be calibrated to manufacturer's specifications and tested to verify proper operation.
- h. Medium voltage cables shall be tested with a 2500 volt meg-ohm meter. Dielectric Absorption Rate and Polarization Index results shall be provided. A doble test of cables shall be performed. The cables SHALL NOT be high potential tested unless directed in wiring by the City of Flint.

VII. INVOICING

- A. Invoices shall be submitted per individual switchgear line-up and shall include the following as a minimum:
 - 1. Date(s) of work.
 - 2. Technicians performing work.
 - 3. Equipment worked on.
 - 4. Status of equipment when work started.
 - 5. Status of equipment when work finished.
 - 6. Detailed description of work performed.
 - 7. Hours spent on job.
 - 8. All applicable test reports.
- B. All travel time must be included in the bid pricing.
- C. Invoices shall be submitted within two weeks of the completion of the work.

APPENDIX - A EQUIPMENT LISTING

Main Outdoor Switchgear S1S

G.E. Magne-Blast Metal Clad 5 kV Switchgear with heaters and two (2) control power transformer drawers.

2-Main Breakers - Nameplate Data:

G.E. Magne-Blast Type AM-4.16-250-9H
4.76 kV Max., 1200 Amperes, ML-13 Mechanism
Manu. Date 11/75, Instr. Book GEK-41902
230 VAC Control with Capacitor Trip Devices

Protective Relays:

6 - 12IAC51A8
2 - 12IAC53A801A Very Inverse Time Overcurrent Relays

East Pump Station - Main Outdoor Switchgear S1N

G.E. Magne-Blast Metal Clad 5 kV Switchgear with heaters, two (2) potential transformer drawers and two (2) control power transformer drawers.

2 - Main Breakers - Nameplate Data:

G.E. Magne-Blast Type AM-4.16-250-9H
4.76 kV Max., 1200 Amperes, ML-13 Mechanism
Manu. Date 6/80, Book GEK-41902
230 VAC Control with Capacitor Trip Devices

Protective Relays:

6 - 12IFC51B1A Inverse Time Overcurrent Relays
2 - 12IFC51A2A Inverse Time Overcurrent Relays
2 - 12ICR53A1A Phase Sequence and Undervoltage Relays

Main Blower Building Switchgear - S2

G.E. Magne-Blast Metal Clad 5 kV Switchgear, Double-Ended Line-up with two (2) Main Breakers, one (1) Tie Breaker and six (6) Feeder Breakers (three on each side) with one (1) Spare Cubicle.

2 - Main Breakers - Nameplate Data:

G.E. Magne-Blast Type AM-4.16-250-9H
Water Pollution Control - Switchgear Maintenance (T)

4.76 kV Max., 1200 Amperes, ML-13 Mechanism
Manu. Date 11/75, Instr. Book GEK-41902
230 VAC Control with Capacitor Trip Devices

Protective Relays:

6 - 12IAC77A803A Inverse Time Overcurrent Relays
18 - 12IAC77B811A Inverse Time Overcurrent Relays
6 - 12IAC53A801A Very me Overcurrent Relays
2 - 12ICR53A1A Phase Sequence and Undervoltage Relays
2 - 12NBV11A1A Voltage Balance Relays
2 - 12IAV51A1A Undervoltage Relays
2 - 12CFF13A1A Frequency Relays

Equipment Building Switchgear - S3

G.E. Magne-Blast Metal Clad 5 kV Switchgear and G.E. Limit-

Amp 5 kV Motor Starters and Controls; with two (2) Main Breakers, one (1) Tie Breaker, two (2) Limit-Amp 5kV Motor Starters/Controls, two (2) 5 kV Transform Primary Fused Switches, one (1) control power transformer drawers and one (1) potential transformer drawer.

2 - Main Breakers & 1 Tie Breaker- Nameplate Data:

G.E. Magne-Blast Type AM-4.16-250-9H 4.76 kV Max., 1200 Amperes, ML-13 Mechanism Manu. Date 1/76, Instr. Book GEK-41902 230 VAC Control with Capacitor Trip Devices)

2 Limit-Amp Starters - Nameplate Data:

G.E. Type IC7160A118G, Cat No. 0379X0510R02
4160 VAC, 1750 HP
Instr. Book GEH-3091, GEH-3102, GEH-4449
Blower No.5 - 1750 HP
Blower No.6 - 1750 HP

Protective Relays:

6 - 12IAC77A803A Inverse Time Overcurrent Relays
6 - 12IJD52A11A Motor Differential Relays

2 - Transformers - Nameplate Data:

G.E. Distribution Transformer, Class AA
Model No. 9T26F2060G4, 500 KVA, 4160-4
4.9% Impedance

2 - Motor Control Centers - Nameplate Data:

Allen-Bradley Centerline Intellicenter.

Blower Building Switchgear & Motor Control Center - XP1

G.E. Magne-Blast Metal Clad 5 kV Switchgear and G.E. Limit-

Amp 5 kV Motor Starters and Controls; two (2) - Incoming Line Breaker, six (6) - Limit-Amp 5kV Motor Starters/Controls, two (2) - 5 kV Transformer Primary Fused Roll-out Switches, two (2) - potential transformer drawers, one (1) - metering compartment, 1 - G.E. AKD-5 Low Voltage Switchgear, and one (1) - Motor Control Center.

2 - Incoming Line Breakers - Nameplate Data:

G.E. Magne-Blast Type AM-4.16-150H-4SML, 4.76 kV Max., 1200 Amperes, ML-11C Mechanism, Manu. Date 1/63, Instr. Book GEI-50143, 230 VAC Control with Capacitor Trip Devices

5 - Limit-Amp Starters - Nameplate Data:

G.E. Type IC7160A128D, Cat No. 0211X0162R01S1-5
4160 VAC, Instr. Book GEH-3059, Manu. Date: 2/62
Blower No.1 - 700 HP
Blower No.2 - 1500 HP
Blower No.3 - 1500 HP

1 - Limit-Amp Starter - Nameplate Data:

G.E. Type IC7160A118G, Cat No. 0379X0510R02
4160 VAC, 1750 HP
Instr. Book GEH-3091, GEH-3102, GEH-4449
Blower No.4 - 1750 HP

Protective Relays:

3 - 12IAC51B806A Inverse Time Overcurrent Relays
3 - 12IAC51A101A Inverse Time Overcurrent Relays

1 - Transformer - Nameplate Data:

G.E. Dry Type Transformer, Class AA, No. E-687881, 1500 KVA, 4160-480Y/277
Volts, 5.34% Impedance, Instr. Book GEI-65056

1 - AKD-5 Low Voltage Substation

1 - Main Breaker - Nameplate Data:

G.E. Type AK-2A-75, 3000 Amp Frame
65,000 Amp Interrupting, Instr. Book GEH-2021
Type EC-1B Trips, T.C.C. 1BB-3
LTPU = 2500 Amps, Instantaneous = 4X

1 - Feeder Breaker - Nameplate Data:

G.E. Type AK-2A-50, 1600 Amp Frame
50,000 Amp Interrupting, Instr. Book GEH-2021
Type EC-2A Trips, T.C.C. 1C-3
LTPU = 1200 Amps, Instantaneous = 4X

1 - Motor Control Center - Nameplate Data:

Allen-Bradley Centerline Intellicenter
480 Volts, 3 Phase, 3 Wire, 60 Hertz
MCC XP1 - Blower Building

Storage Building Motor Control Center - P15

G.E. 7700 Line Control Center, IC7
480 Volts, 3 Phase, 3 Wire, 60 Hertz
MCC P15 - Storage Building

Administration Building Motor Control Center - P11

Allen-Bradley Centerline Intellicenter
MCC P11 - Administration Building

Aeration Control Building Motor Control Center - XP4

Allen-Bradley Centerline Intellicenter
XP4 - Aeration Control Building

Water Pollution Control - Switchgear Maintenance (T)

Compartment Transformer No. 1 - Nameplate Data:

G.E. Oil Filler Transformer, Class OA
1000 KVA, Instr. Book GEI-87374
4160-480Y/277 Volts, 5.79% Impedance

Compartment Transformer No. 2 - Nameplate Data:

G.E. Distribution Transformer, Class OA
500 KVA, Serial No.
4160-480Y/277 Volts, 5.90% Impedance

Compartment Transformer No. 3 - Nameplate Data

G.E. Distribution Transformer, Class OA
500 KVA, Serial No. L709213THLA
4160-480Y/277 Volts, 5.90% Impedance

Compartment Transformer No. 4 - Nameplate Data

G.E. Distribution Transformer, Class OA
500 KVA, Serial No.
4160-480Y/277 Volts, 5.90% Impedance

Compartment Transformer No. 5 - Nameplate Data

G.E. Distribution Transformer, Class OA
500 KVA, 77 Volts, 5.90% Impedance

Sludge Blending & Storage Tank Control Building Motor Control Center - P14 & XP3

G.E. 7700 Line Control Center, IC7700
480 Volts, 3 Phase, 3 Wire, 60 Hertz

Allen-Bradley Centerline Intellicenter
MCC P14 - Sludge Blending & Storage Tank Control Building
MCC XP3 - Sludge Blending & Storage tank Control Building

Sludge Thickening Tanks Bldg. Motor Control Center - XP5 & P13

G.E. 7700 Line Control Center, IC7700
480 Volts, 3 Phase, 3 Wire, 60 Hertz

MCC XP5 - Sludge Thickening Tanks Bldg.
MCC P13 - Sludge Thickening Tanks Bldg.

Grit Pump Building Motor Control Center - XP2

AB Centerline Intellicenter
MCC XP2 - Grit Pump Building

Phosphate Removal Control Building Motor Control Center - P6

AB Centerline Intellicenter
MCC P6 - Phosphate Removal Control Building

Grit De-Watering Building Motor Control Center - P7

AB Centerline Intellicenter
MCC P7 - Grit De-Watering Building

Northwest Pumping Station Motor Control Center - P3 & XP9

AB Centerline Intellicenter
MCC P3 - Northwest Pump Station
MCC XP9 - Northwest Pump Station

Pre-Aeration Building Transformer - Nameplate Data:

G.E. Sealed Gas Transformer, Class AA
300 KVA, Instr. Book GEI-87372, 77 Volts, 4.91% Impedance
No. E-687866

Pre-Aeration Building Motor Control Center - XP8

G.E. 7700 Line Control Center, IC7700
480 Volts, 3 Phase, 3 Wire, 60 Hertz
MCC XP8 - Pre-Aeration Building

Vacuum Filter & Incinerator Building Switchgear

Two (2) G.E. Outdoor Load Interrupt Switches, two (2) G.E. Transformers, Eaton Double-ended Low Voltage Switchgear with two (2) Main Break, (1) Tie Breaker, four (4) Feeder Breakers, and four (4) Motor Control Centers.

2 - Load Interrupt Switches - Nameplate Data

G.E. Outdoor, 4.8 kV - 5.5 kV Max. Design
600 Amp Continuous, 600 Amp Interrupting

2 - Service Center Transformers - Nameplate Data

G.E. Oil Filled Transformer, Class OA

Water Pollution Control - Switchgear Maintenance (T)

1500 KVA, 4160-480Y/277 Volts, 5.76% Impedance

- 1 Eaton Low Voltage Switchgear with TVSS, Main-Tie-Main Configuration with Auto/Manual Switchover

4 - Motor Control Centers

AB Centerline Intellicenter
MCC P9R - Incinerator Building
MCC P9L - Incinerator Building
MCC P8W – Incinerator Building
MCC P8E – Incinerator Building

Trickling Filter Effluent Lift Station Motor Control Center - P10

G.E. 7700 Line Control Center, IC7700
480 Volts, 3 Phase, 3 Wire, 60 Hertz
MCC P10 - Trickle Filter Effluent Lift Station

East Pump Station Switchgear

Two (2) G.E. Outdoor Load Interrupt Switches, two (2) G.E. Transformers, Double-ended
G.E. AKD-6 Low Voltage
Double-ended Unit Substation with two (2) Main Breakers, one (1) Tie Breaker, ten (10)
Feeder Breakers; and two (2) Motor Control Centers.

2 - Load Interrupt Switches - Nameplate Data:

G.E. Outdoor, 4.8 kV - 5.5 kV Max. Design
600 Amp Continuous, 600 Amp Interrupting

2 - Service Transformers - Nameplate Data:

G.E. Oil Filled Transformer, Class OA/FA
1000/1150 KVA, 4160-480Y/277 Volts,
No. L247765A-B, Instr. Book GEK-45264, GEK-5676

2 - Main Breakers & 1 - Tie Breaker - Nameplate Data:

G.E. Type AKR-5A-50, I.D. 75A712141-130-132
1600 Amp Frame, 1600 Amp Sensors
Type SST Trips with L.T., S.T. AND GND
Electrically Operated with Auto-Throw-Over Scheme
Instr. Book GEI-86150

10 - Feeder Breakers - Nameplate Data:

Water Pollution Control - Switchgear Maintenance (T)

G.E. Type AKR-5A-30, I.D. 75A712141-133-142, 800 Amp Frame, 800 Amp Sensors, Type SST Trips with L.T., S.T. AND GND Manually Operated, Instr. Book GEI-86150

2 - Motor Control Center

Allen-Bradley Centerline Intellicenter

Third Avenue Pumping Station Switchgear

G.E. Magne-Blast 5 kV Switchgear with two (2) Main Breakers, one (1) Tie Breaker, four (4) Limit-Amp 5 kV Motor, two (2) 5 kV Transformer Primaries, two (2) Disconnect Switch, two (2) potential transformer drawers, two (2) control power transformer drawers, and two (2) Motor Control Centers.

2 - Main Breakers - Nameplate Data:

G.E. Magne-Blast Type AM-4.16-250-9H
4.76 kV Max., 1200 Amperes, ML-13 Mechanism
Manu. Date 11/75, Instr. Book GEK-41902
230 VAC Control with Capacitor Trip Devices

Protective Relays:

6 - 12IAC77B811A Inverse Time Overcurrent Relays
2 - 12IAC77A801A Inverse Time Overcurrent Relays

4 - Limit-Amp Starters - Nameplate Data:

G.E. Type IC7160A118G, Cat No. 0379X0510R10
4160 VAC, 700 HP
Instr. Book GEH-3091, GEH-3102, GEH-4449
Raw Sewage Pump No.1 - 700 HP
Raw Sewage Pump No.2 - 700 HP
Raw Sewage Pump No.3 - 700 HP
Raw Sewage Pump No.4 - 700 HP

2 - Motor Control Centers

Allen-Bradley Centerline Intellicenter

Please note that Water Pollution Control has been and shall continue to transition and upgrade its primary distribution equipment over the next few years to Eaton MV Switchgear and disconnects and related apparatus. The firm shall be familiar and licensed with Eaton equipment and appurtenances.

City of Flint

Water Pollution Control Facility - Switchgear Maintenance Bid Form

BID FORM			
QTY	ITEMS (include cabling)	TOTAL COST	
1	Main Outdoor Switchgear S1S		
1	East Pump Station – Switchgear S1N		
1	Blower Building Switchgear S2		
1	Equipment Building Switchgear S3		
1	Blower Building Switchgear & MCC XP1		
1	Storage Building MCC - P15		
1	Administration Building MCC - P11		
1	Aeration Building MCC – XP4		
1	Compartment Transformer No. 1		
1	Compartment Transformer No. 2		
1	Compartment Transformer No. 3		
1	Compartment Transformer No. 4		
1	Compartment Transformer No. 5		
1	Sludge Blending - MCC's P14 & XP3		
1	A-Grit Pump Building MCC XP2		
1	Phosphate Removal MCC P6		
1	B-Grit De-Watering MCC P7		
1	Northwest Pump Station MCC's P3 & XP9		
1	Pre-Aeration Building Transformer		
1	Vacuum Filter and Inc. Switchgear SC1/SC2		
1	Trickling Filter Lift Station MCC P10		
1	East Pump Station Switchgear (480VAC)		
1	Third Avenue Switchgear S4		
2	Infra Red Reports of Electrical System		
1	Training Cycle		
\$10,000	% Mark-up on Materials	%	
TOTAL EQUIPMENT & TESTING			
Estimated Hours	Labor description	Cost per Hour	Extended Cost
20	Labor Class I – Technician		
5	Labor Class II – Foreman		
5	Labor Class III - Engineer		
TOTAL LABOR			
TOTAL BID			

1. Failure to use this bid form may result in bid disqualification.
2. List value-added considerations on a separate sheet of paper.

Terms: _____ Dest: _____ Fed. ID#: _____

FIRM NAME: _____

ADDRESS: _____ CITY/STATE/ZIP _____

PHONE: _____ FAX: _____

SIGNED: _____ DATE: _____