



**City of Painesville Ohio Electric Division
325 Richmond St, Painesville, OH 44077**

REQUEST FOR BID

For electric distribution services including the installation, splicing and termination of MV Cables per the "INDEX TO SPECIFICATIONS" established by Encompass Engineers & Architects, INC., included as part of this BID document and marked as "Exhibit A".

BID TITLE: Painesville Electric Distribution H-6 Sectional Replacement

BID ISSUE DATE: MAY 5, 2026

BID DUE DATE & TIME: May 27, 2026, at 1:00 PM

ISSUING DEPARTMENT: Office of the City Manager, City of Painesville 7 Richmond St
Painesville, OH 44077

BID MUST be delivered to the ISSUING DEPARTMENT by the date and time listed.

Any proposal received after this date and time will be returned and/or unopened.

REQUESTING DEPARTMENT: City of Painesville Electric Department

This BID Request has an Engineer established project total valuation of \$80,000,00 (EIGHTY THOUSAND DOLLARS). The City of Painesville has set a project operational completion date not to surpass September 25, 2026.



PAINESVILLE BID FOR CONSTRUCTION SERVICES FOR SECTIONAL REPLACEMENT OF PAINESVILLE ELECTRIC DISTRIBUTION H-6 CIRCUIT AS IDENTIFIED AND SPECIFIED IN CRITERIA PROVIDED BY Encompass Engineers & Architects, INC.

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PART ONE: GENERAL BID INSTRUCTIONS

BID QUESTIONS

All questions and inquiries during the time prior to the deadline must be directed to the following individual:

Individual Name: Joe Price – Electric Superintendent

Address: Painesville Electric Plant, 325 Richmond St, Painesville, OH 44044

Email Address: jprice@painesville.com

BID Qualification Guidelines

1. The City of Painesville reserves the right to issue addenda to the BID at any time. If an addendum is issued less than seventy-two (72) hours prior to the approval of the BID due date, the closing date may at the discretion of the City be modified accordingly.
2. Multiple qualification submissions for the same Firm / Vendor / Organization / Agency service may be considered non-compliant and may be considered disqualified.
3. The City is not liable for any costs incurred by the vendor in the preparation and presentation of qualifications submitted in response to the BID.
4. All materials submitted become property of the City. Selection or rejection of a response does not affect this right. Submitted materials will not be returned.
5. The City reserves the right to refrain from contracting with any vendor. The release of this BID does not compel the City to purchase.
6. Once the BID contract is awarded, all documents submitted to the City as part of the qualification become public information. The City does not encourage the inclusion of confidential/proprietary information in response to the BID. Written requests for confidentiality may be submitted to the BID contact. The BID in its entirety, nor cost, will be considered confidential or proprietary. Under Ohio Revised Code Section 149.43, the City will make final determination of application for disclosure on an ad hoc basis. For confidential financial statements that may be required, please place in a separate envelope clearly marked "CONFIDENTIAL FINANCIAL STATEMENTS."



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PART TWO: GENERAL BID QUALIFICATION PROCEDURE

BID Inspection: Bidding Contractor should carefully review this BID for defects and questionable or objectionable matters. Comments concerning defects and objectionable material shall be made in writing and received by the BID contract at least ten (10) days before proposal opening. Protests based on any omission or error, or on the content of the solicitation, will be disallowed if these faults have not been brought to the attention of the RFP contact at least ten (10) days before the qualification opening.

BID Submission must be delivered and received by the City of Painesville Finance Department, on or before the deadline date and time. The BID may submit for review an unofficial response via email to jprice@painesville.com for preliminary review.

1. Submission Directly to the Issuing Department

- a. BID must be submitted in a sealed envelope Titled “Painesville Electric Distribution H-6 Sectional Replacement”, with the BIDDING CONTRACTOR name listed on the front of the envelope.
- b. BID MUST be delivered IN PERSON, Courier Service, or USPS mail to The City of Painesville Finance Department (Located on the 1st Floor of Painesville City Hall, 7 Richmond St, Painesville, OH, 44077). Any proposal received after this date and time will be returned unopened.
- c. The official BID closing time will be determined by the City Finance personnel present at the designated closing date, and the same will record receipt of all submittals at that time.
- d. The BIDDER assumes the risk of the method of dispatch. The City assumes no responsibility for delays caused by any delivery service. Postmarking by the due date is not acceptable.
- e. BID may not be delivered by facsimile transmission or other telecommunication or electronic means unless otherwise specified.
- f. Hand-delivered proposals may be delivered to the City of Painesville Finance Department Monday through Friday between the hours of 8:30 a.m. and 4:00 p.m., excluding holidays observed by the City of Painesville City Hall.



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PART THREE: BID REVIEW & NOTICE OF AWARD

Each BID will be reviewed and each BID amount and the bidding vendor name recorded as listed on the cover page. No other details of the qualification will be disclosed at this time.

Rejection: The City reserves the right and discretion to reject any or all proposals for any reason or all proposals for no reason at all without incurring liability.

Withdrawal: Vendors may withdraw a submitted proposal any time up to the closing date and time by submitting a written **request to withdraw** and sent via email to the Electric Superintendent at: jprice@painesville.com.

BID Qualification & Evaluation: All qualifying BIDS will be reviewed to determine if they are responsive. A team of Electric Department Distribution personnel will evaluate each BID in accordance with the following:

1. Not to Exceed Cost of services and materials as outlined in “Exhibit A”.
2. FIRM’s prior experience and certification in high voltage electric distribution services.
3. Project Methodology & Probable Timeline through construction to operational status.
4. Hourly Fees for any additional work outside of the scope of this BID project.

BID Clarifications and Corrections: The City may request clarifications from any vendor during the evaluation process. The City may also provide the vendor with an opportunity to correct defects in its proposal if the City determines it will not result in an unfair advantage for the vendor and it is in the City’s best interest. Any clarification or correction that is broader than the scope of the City’s request may result in the vendor’s qualification being disqualified.

Contract Award: The City of Painesville will issue a **Notice of Intent** email to the BID awarded vendor, notifying vendor of the recommended action. The evaluations and placement of the non-awarded vendors will not be part of the Notice.



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PART FOUR: CITY of PAINESVILLE SPECIFICATIONS

A. Qualification information and discussion:

It is the intent of the City to provide and share information with an opportunity to discuss in person, by phone, or via online TEAMS meetings, with prospective proposal vendors and allow them the opportunity to ask questions.

B. DIVERSITY REQUIREMENTS: No Diversity goal for this project.

C. PROPOSAL FORMAT: The BID must be submitted in compliance with the specifications provided in “Exhibit A”, the

D. BID SUBMITTAL: Delivered prior to deadline and addressed to:

**City of Painesville – City Manager
C/O City of Painesville Finance Department
7 Richmond St
Painesville, OH 44077**

E. PROPOSAL FORMAT: The proposal should be submitted in compliance with the electric distribution services including the installation, splicing and termination of MV Cables per the “INDEX TO SPECIFICATIONS” established by Encompass Engineers & Architects, INC., “Exhibit A”.

F. ATTACHMENTS: “Exhibit A” – Project Criteria as outlined in “INDEX TO SPECIFICATIONS”. “Exhibit B” – PROJECT SITE PLAN LEGEND – “CIRCUIT H-6”

G. Power System Engineering & Consulting:

**Encompass Engineers & Architects, INC.
407 West Main Cross Street
Findlay, OH 45840
419-427-1819**



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MINIMUM SCOPE AND LIMIT OF INSURANCE *(Equal to the monetary award of contract)*

1. The Contractor shall furnish a Worker's Compensation Certificate and Certificate of Insurance evidencing the insurance coverages required herein are in full force and effect.
2. Acceptance of a non-conforming certificate of insurance by the County shall not constitute a waiver of any rights of the parties under this Contract.
3. The Certificates of Insurance evidencing these coverages shall contain the following language where applicable:

“City of Painesville and its officials, officials, employees and volunteers, are additional insureds on a primary and non-contributory basis (coverage is primary and non-contributory),” and a “Waiver of Subrogation in favor of the City.”

4. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 if a later edition is used).

Exhibit A

INSTALLATION SPECIFICATIONS
FOR
URD MV CABLE

CIRCUIT H6
AT THE
ELECTRIC PLANT

PROJECT NO. 25-1033

FOR
CITY OF PAINSVILLE, OHIO

Prepared by:



ENCOMPASS ENGINEERS AND ARCHITECTS, INC.
Power System Engineering & Consulting
407 West Main Cross Street
Findlay, OH 45840
419-427-1819

FEBRURARY, 2026

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1. GENERAL

1.1. Summary

1. This section includes the installation, splicing and termination of MV Cables.

1.2. Description of Work

1. Remove Failed 15kV Cables
2. Install New 15kV Cables
3. Install Three (3) MV Termination Kits
4. Install Three (3) MV Splice Kits

1.3. Referenced Standards

- National Electrical Safety Code (NESC)
- Insulated Power Cable Engineers Association (IPCEA)
- National Electrical Manufacturers Association (NEMA)
- Institute of Electrical and Electronics Engineers (IEEE)
- American National Standards Institute (ANSI)
- National Fire Protection Association (NFPA)
- Environmental Protection Agency (EPA)
- Local and State Electrical Codes
- National Electrical Code (NEC)
- Building Officials and Code Administrations International, Inc. (BOCA)

1.4. Coordination

1. The Contractor shall be responsible to contact all utilities whose installations may be encountered during the excavation and construction and to locate such utilities whether or not they are identified in the specification or on the drawings. The Contractor shall be responsible for damages and required repairs to all utilities as a result of his Work.
2. Notify the following Agencies and/or utilities in advance of excavation or construction in areas in which other utilities may be encountered.
 - a. Ohio Utilities Protection Services (Ohio) 1-800-362-2764
 - b. Gas Utilities
 - c. Telephone
 - d. Electric Utilities
 - e. Cable Television Companies
 - f. Fiber Optic Companies
 - g. Highway Department
 - h. Street Department
 - i. City Engineering for Sewer and Water Pipelines
 - j. Industries with Underground Pipe Lines

1.5. Quality Assurance

1. Terminator Qualifications:

- a. Installer shall submit current terminator certifications from the cable manufacturer for all personnel that will perform cable terminating activities. Terminators will not be allowed to perform work without current certifications.
2. Splicing Qualifications
 - a. Only trained and certified cable splicers shall perform the work.
3. Confined Space Qualifications
 - a. Installer shall have all required training on identifying, entering and working safely in spaces with limited access and potential hazards defined by OSHA regulations.

1.6. Material Handling and Storage

1. Receipt of Materials:

- a. Equipment shall be boxed, crated or otherwise suitably protected during shipment, handling and storage in accordance with manufacturer's recommendations.
- b. Unload all equipment promptly when delivered.
- c. Inspect all equipment and material for damage and check against shipping receipts for any missing parts. Inform Owner of any shortages or damaged materials at the time of delivery. Report obvious shipping damage immediately to Owner. Note the damage on the shipping company's forms before accepting shipment.
- d. The Contractor shall be responsible for any damage or missing items of stored equipment and material while in his custody.

2. Material Storage:

- a. Equipment and materials shall be placed in storage areas as designated.
- b. All equipment and materials shall be protected against moisture and water damage.
- c. Materials shall be stored such that materials being used first will not have to be lifted over materials which will be used later.
- d. As much as possible, all parts for a particular piece of equipment shall be stored in one location.
- e. Deliver all spare or extra parts to the Owner's designated location and store as directed at the end of the job.

2. EXACUTION

2.1. General Requirements

1. Contractor shall de-term and remove splices along with existing cable from powerhouse to manhole.

2. Contractor shall pull new 500MCM AL 15kV cable provided by Painesville from powerhouse to manhole where the cable fault was located.
3. Contractor shall provide termination kits terminate three (3) MV cables on the powerhouse side
4. Contractor shall provide and install splice kits for three (3) MV cables to existing cables in manhole where fault was located.

2.2. Layout and Field Measurements

1. Secure all field measurements required for proper and accurate installation of the work. Exact measurements are the responsibility of the Contractor
2. Furnish or obtain templates, patterns, and setting instructions required for the installation of the work. All dimensions shall be verified by the Contractor in the field
3. Obtain line and grade from benchmarks, base lines and other reference points presently established.
4. Provide labor, tools, stakes, and materials as required to establish temporary or permanent reference marks in connection with the work.
5. Perform detailed measurements and transfer elevations as required to layout and construct work.

2.3. Wire Identification

1. Identification shall include all color-coding tape, cable markers and nylon tie marker plates to identify the cable at each termination as outlined herein.
2. Identify each phase at its termination where the wire jacket/insulation is free of markings.
3. Red burial tape identifying conductors below shall be installed where applicable per NESC requirements.

2.4. Cable Installation

1. Prior to setting up equipment and material for any cable pull, the vaults shall be thoroughly cleaned of all fine sand, dirt, or dried concrete residue, and then dried. These conditions shall be maintained in the vault while any work with cable is conducted therein.
2. All leader lines blown through the ducts shall be clean and dry.
3. Cables shall be pulled in the directions indicated on the drawings.
4. Installer shall maintain reliable radio and/or telephone connections between the cable reel trailer and the winch.
5. In addition to that normally required, the following equipment shall be utilized for all cable pulling operations.
 - a. A variable speed pulling winch capable of at least 150% of the maximum expected pulling tension.

6. Pulling lines shall be of rated working load compatible with the pulling winch and of a size and construction to minimize any abrasive action on the internal duct wall. Fishing, duct proofing, and leader lines shall be designed and utilized as to not damage the ducts.
7. Pulling lines and leader lines shall be clean and dry when installed in the duct.
8. A reliable nonfreezing type of swivel, or swivel connection, shall be inserted between the pulling rope and the cable pulling eye, grip, or loop to prevent twisting under strain.
9. Installer shall provide all guide reels and rollers, and feed tubes necessary to guide the cable into the ducts and to limit all feed and take-ups and bends to a radius not less than 20 times cable outside diameter, or as recommended by the cable manufacturer.
10. Installer shall install the cable in such a manner that at no time is the cable bent to a radius less than twenty (20) times the cable diameter except during permanent positioning within the vaults or at termination structures.
11. Cable rollers and guides shall be placed along the cable pull as required to support cable during cable pulling. The cable shall not be allowed to rest or scrap on the vault entries, timbers, rock or any sharp or hard object that could damage the cable.
12. Only lubricants recommended by the cable manufacturer and acceptable to Owner shall be used. The duct shall be pre-lubricated and lubricants shall be applied liberally and continuously during the entire pull.
13. A thorough continual visual inspection for flaws, breaks, or abrasions of the exterior of each cable shall be made as it leaves the reel. Each inspector shall be equipped with direct communication with the pulling winch operator. Pulling operations shall be immediately stopped upon detection of any irregularities. Owner shall be immediately informed of these irregularities.
 - a. The pulling speed shall be slow enough to allow for this inspection.
 - b. In the event that damage should occur to the cable jacket during cable installation, cable installation shall be halted and Owner notified of the damage. Repair of the cable jacket shall be made subject to the approval of Owner.
14. The pulling tension of any cable shall not exceed the maximum tension recommended by the cable manufacturer. Pulling mechanisms of both the manual and power types used by Installer shall have the rated capacity in tons clearly marked on the mechanism.
15. The area of the cable covered by the pulling eye or seal plus 6 inches shall be cut off and discarded when the pull is completed.
16. After the cable is pulled into place, the pulling eyes or cable grips shall be removed and any cable which was sealed prior to the pull shall be resealed.

17. The cable shall be carefully placed in the vault such that no cable crosses or rests upon another cable. One cable shall not be laid directly upon another cable.

18. The cable shall be allowed a minimum of 24 hours of resting in the ducts after pulling before any terminating activities.

2.5. Cable Terminations

1. Manufacturer and Installer shall supply current training certificates for all terminating personnel.
 - a. Only personnel with current training certificates shall be allowed to perform the termination work.
2. A Manufacturer representative shall be present at all times during the termination activities.
3. Installer shall install the cable termination system in strict accordance with the manufacturer's recommendations and instructions.
4. Installer shall inspect the end of each of the transmission cables for the presence of moisture when the cables are cut for terminating. If moisture is noted then Installer shall:
 - a. Immediately notify Owner.
 - b. Take pictures of the cable at the cut, the pulling eye and the free end sealing cap.
 - c. Discontinue terminating of the cable until the moisture ingress problem is resolved.
5. The terminations shall be installed in a clean and controlled environment per the cable manufacture's specifications. If the weather conditions are unfavorable and Installer is conducting termination work, proper measures shall be taken to maintain an appropriate environment.
6. If termination of a cable cannot be completed during a given work day, then any exposed cable insulation or high voltage conductor shall be effectively sealed to preclude ingress of moisture until the termination can be completed.
7. Installer is responsible for all scaffolding, bucket trucks or temporary platforms required to make terminations in a professional and safe manner.
8. Installer is responsible for all miscellaneous materials and supplies required for the installation.
9. Installer shall afford Owner, at Owner's option, the opportunity to have its employees or representatives observe all phases of cable termination.
10. Smoking is not permitted during cable terminator installation.

2.6. Cable Splicing

1. Manufacturer and Installer shall supply current training certificates for all splicing personnel.
 - a. Only personnel with current training certificates shall be allowed to perform the splicing work.

2. A Manufacturer representative shall be present at all times during the splicing activities.
3. Installer shall install the cable splices in strict accordance with the manufacturer's recommendations and instructions.
4. The splices shall be installed in a clean and controlled environment per the cable manufacture's specifications. If the weather conditions are unfavorable and Installer is conducting termination work, proper measures shall be taken to maintain an appropriate environment.
5. Use correct tools for accurate and strong installation.
6. Make sure to prep cable to manufacturer specs.
7. Inspect splices for any deficiencies after work is done. Report and deficiencies to the Owner immediately.

2.7. Repairs

1. If any significant damage occurs to the cable jacket during installation, Owner must be notified immediately. Significant cable damage is defined as any damage that penetrates the jacket by 50 mils or greater. If cable damage exceeds 30% of the thickness of the cable jacket but does not penetrate the metallic sheath, then the jacket damage must be repaired using the procedure recommended by the cable manufacturer.
2. If the cable damage penetrates the metallic sheath but does not penetrate insulation semi- conducting shield then the cable repair procedure must be approved by Owner and the cable manufacturer.
3. If the cable damage penetrates the insulation semi-conducting shield, then the cable must be removed and replaced.
4. Any cable repair costs shall be to the account of the Installer.

2.8. Cleaning

1. The work included under these Technical Specifications shall include removal of all foreign materials from the Site, repair of all damage, and restoration of the Site to as good or better condition than when the work was commenced by the Installer.

2.9. Traffic

1. Contractor shall be responsible for all traffic control during installation of cables and pulling of cables through and into existing manholes.
2. Contractor shall coordinate with the City of Painesville for traffic control and any need for police assistance for traffic control.

END OF SECTION

END of Exhibit A

Exhibit B




Exhibit B



LEGEND
 ● MANHOLE
 — UNDERGROUND CABLE

NOTE: APPROXIMATELY 358' OF UNDERGROUND CABLE

<p>PROJECT NO: 24-106</p> <p>DRAWING BY: DJP</p> <p>CHECKED BY: AMK</p> <p>DATE: 11/20/23</p> <p>PREPARED BY: PRELIMINARY</p> <p>FULL SIZE SHEET: 36" x 48"</p>	<p>CIRCUIT H6 REBUILD</p> <p>PAINESVILLE</p> <p>325 RICHMOND ST. PAINESVILLE, OH 44077</p>	<p>PRELIMINARY</p>	 <p>ENCOMPASS ENGINEERS-ARCHITECTS-POWER</p> <p>PH: 419-427-1212 WWW.ENCOMPASS.COM</p>
<p>C-1.0</p> <p>SITE LAYOUT</p>			