



City of Painesville Ohio Electric Division

325 Richmond St, Painesville, OH 44077



PART ONE: GENERAL INSTRUCTIONS

SOLAR TRANSFORMERS BID Contact:

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

Individual Name: Mike Dougherty – Electric Assistant Superintendent

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

Email Address: mdougherty@painesville.com

BID Guidelines:

1. The City of Painesville reserves the right to issue addenda to the BID documents at any time. If an addendum is issued less than seventy-two (72) hours prior to the approval of the RFP due date, the closing date may at the discretion of the City be modified accordingly.
2. 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.
3. 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.
4. The City reserves the right to refrain from contracting with any vendor. The release of this BID does not compel the City to purchase.
5. Once the transformer contract is awarded, all documents submitted to the City as part of the qualification become public information. Under Ohio Revised Code Section 149.43, the City will make final determination of application for disclosure on an ad hoc basis.
6. Vendors 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 contact at least three (3) 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 three (3) days before the bid opening.



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BID Submission Requirements:

A. Proposals must be submitted in a sealed envelope Titled **SOLAR TRANSFORMERS BID**, with the bidding party name listed on the front of the envelope.

B. Proposals **MUST** be delivered **IN PERSON**, Courier Service, or USPS mail to **The City of Painesville Finance Department, 7 Richmond St, Painesville, OH, 44077**. Any proposal received after this date and time will be returned unopened. Proposals may not be delivered by facsimile transmission or other telecommunication or electronic means unless specified.

C. Proposals must be delivered by **May 14, 2026 at 12 PM (noon)**. The official closing time will be determined by the City Finance personnel present at the designated closing date, who will record receipt of all submittals at that time. Vendor 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 and time is not acceptable. 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.

D. Each bid must contain the full name of each and every person, company or corporation interested in the same; shall state whether individual, partnership or corporation, and **each bid shall be accompanied by a bid bond, bank cashier's or official's check, or certified check payable to the City of Painesville, Ohio drawn on a solvent bank, in the amount of 10% of the total contract amount** as a guarantee that if the bid is accepted a contract will be entered into and performed.

E. No bidder may withdraw their bid for a period of **sixty (60) days** from the date of the opening of the sealed proposals.

F. Each bid must include a fully filled out **BID PAGE**, included in this bid document in Part Three.

G. Each bid must be in accordance with the Bid Specifications stated in this bid document in Part Two.

H. Each bid must include an **Attestation of BABA (Build America, Buy America) Compliance** document.



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Each proposal will be reviewed and each 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 Assistant Superintendent at: mdougherty@painesville.com.

Qualification Evaluation: All qualifications will be reviewed to determine if they are responsive. Responsive qualifications will be evaluated. A team will evaluate each proposal in accordance with the following:

1. Conformance to the BID Specifications
2. New or refurbished transformers
3. Bid Amount
4. Stated Lead Time (Preferably no more than 26 weeks from receipt of purchase order)

Proposal 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 vendor(s), notifying vendor of the recommended action. Bid tabulation sheets of vendor's names, bid amounts, and lead time will be available upon request from the BID contact.

Additional Requirements:

Build America Buy America (BABA): Provisions of the infrastructure Investment and Jobs Act (IJA) (P.L. 117-58, §§70911 -70917). Link to [EPA BABA website](#) and their [Resources](#) page.

Foreign Entity of Concern/Prohibited Foreign Entities: - [IRS Notice 2026-15](#) and Domestic Content [IRS Notice 2025-08](#)

Part IV. Item I, pg 9 - [2CFR Part 200](#), and OMB Circular No. A-123



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PART TWO: SOLAR TRANSFORMER BID SPECIFICATIONS

The Solar Transformer Bid shall include providing the City of Painesville the following:

- **Quantity of BABA Compliant transformers: Ten (10)**
- **Solar Step Up Transformer Specifications:**
 - **2000 kVA**
 - **Windings: Al/Al**
 - **%Z of 5.75%**
 - **Liquid-filled MTR Step Up Pad-mounted Transformer**
 - **Fluid: Natural Ester Fluid FR3**
 - **Core: Grain Oriented Steel**
 - **Phase: 3-phase**
 - **Frequency: 60 Hz**
 - **Average Winding Rise: 65 degrees C**
 - **Ambient Temperature: 30 degrees C**
 - **High Voltage: 13.8/7.967kV Wye Grounded**
 - **High Voltage Taps: +/- 2 @ 2.5% each**
 - **High Voltage BIL: 95kV BIL**
 - **Low Voltage: 600/347V Wye Grounded**
 - **Low Voltage BIL: 30kV BIL**
 - **Low Voltage Neutral: X0H0 bushing with ground strap**
 - **Feed Configuration: Loop Feed**
 - **Color: Green (Munsell 7GY 3.29/1.5)**

Features (included in price):

TANK & CABINET:

- Dry Nitrogen Blanket
- Penta-head cabinet handle bolt

BUSHINGS:

- 6 HV protective caps
- Loadbreak Inserts (dead front) x 6
- ANSI C57.12.34 Fig 9&11 HV bushing pattern (minimum)
- 600 amp HV bushing wells x 6
- 10-hole Integral Spade Bushings x 4
- Spade Supports
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern

(continued on next page)



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SOLAR TRANSFORMER BID SPECIFICATIONS CONTINUED...

FUSES:

- Fused bayonet no isolation link x 3
- Oil retaining valve on bayonet x 3
- Parallel oil-immersed partial range current limiting fuse x 6

SWITCHES:

- 4-position 600 amp T-Blade switch Make Before Brake

MONITORING

- Liquid level gauge
- Dial type thermometer
- Pressure Relief Valve
- Pressure vacuum gauge

FITTINGS

- Drain valve and sampler

MARKINGS

- Three (3) DANGER HIGH VOLTAGE Signs
- Non-PCB label
- UL Listed Label
- Arc Flash Warning Label (JC# 29C5506H01)
- External KVA Stencil

OTHER

- Electrostatic shielding
- 9.5" x 17.5" Tank Handhole Cover
- 18" deep cabinet
- DOE Efficiency (2016)
- Scoop drip shield x 3
- Full Deck Pallet
- 10 hole ground pad in LV compartment
- Approval drawings are required

TESTS

- Per IEEE



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PART THREE: BID PAGE

Bid Price per Transformer : \$ _____

X 10 (ten) Transformers

Bid Price for 10 (ten) Transformers : \$ _____

(number of weeks lead time following receipt of purchase order)

(bidder signature)

(bidder name printed)

(bidder company name)