



FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

<https://www.faypwc.com/bids/>

Bid Addendum

PWC Number: PWC2425077

Bid Title: Three (3) Continuous Rated 67KV Delta To 13.09 Y/7.56KV With LTC Rated 24/35/44.8 MVA Power Transformers at ONAN, ONAF, ONAF

Bid Opening Date and Time: June 19, 2025 @ 2:00 pm

Addendum Number: 4

Addendum Date: June 2, 2025

Procurement Advisor: Carla Wint
procurement@faypwc.com

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1. Return one properly executed copy of this addendum with bid response or prior to the Bid Opening Date/Time listed above.
 2. The solicitation is hereby modified as follows:
 - M1. Attachment B:** Bid Pricing Form has been updated and replaced as attached to this addendum
 3. Following are questions received about the solicitation and the SME's answers to the questions.
 - Q1.** Do you expect these transformers to be installed around the same time? (i.e. do we need to mobilize equipment multiple times?)
 - A1.** The deliveries will be staggered about one week apart due to outages needed to get the transformers into a substation. (Three separate deliveries and three separate mobilizations).
 - Q2.** ****General:**** In accordance with IEEE standards and manufacturing best practices, we would like to propose transformer ratings of 27/36/45 MVA. Please confirm if this rating is acceptable, with our aim to achieve an ONAF2 rating at 45 MVA as per the proposal requirements. It covers the requested 24/35.8/44.8 MVA requirements.
 - A2.** Yes, we would accept 45MVA rating at 65 C.
 - Q3.** ****General:**** Does your organization offer any financial support for MWDBE businesses participating in the procurement process as a main supplier?
 - A3.** PWC does not provide any financial support for MWDBE businesses.
 - Q4.** Regarding Section 5.2, Requirement of OLTC, it's not entirely clear if an On-Load Tap Changer (OLTC) is required on the High Voltage (HV) side as an alternative design. The section mentions a De-energized Tap Changer in the HV section, and we need further clarity on the need for an OLTC on the HV side as another design option
 - A4.** The OLTC is on the low side of the transformer winding. The high voltage side is a DETC
 - Q5.** Additionally, could you please confirm if an alternate OLTC is required on the Low Voltage (LV) side or if we should consider replacing the High Voltage De-energized Tap Changer from the initial Option 1 design?

- A5.** High-Voltage Taps, 5.2 The transformer shall have full-capacity, high-voltage taps at maximum rated kVA provided as follows:
- 70,600 Volts
 - 68,800 Volts
 - 67,000 Volts
 - 65,200 Volts
 - 63,400 Volts
- Q6.** On the topic of the Dynamic rating control cabinet, will Dynamic Ratings manufacture and deliver the control cabinet directly to the manufacturer?
- A6.** Yes.
- Q7.** Finally, we are interested in exploring Kleev USA gauges as an alternate supplier for the following requested components. Could you please outline the process for getting them approved for this project?
- A7.** This project does not have an alternate supplier for the requested components, nor is an alternate supplier being considered for this bid. The gauges that are accepted are Messko and Qualitrol brands only.
- Bidders with alternate supplier requests can email specifications for consideration for future projects to procurement@faypwc.com.
- Q8.** ****Experience:**** Our team has extensive experience in the procurement (bids, factory testing, and design review) and installation of transformers up to 900MVA/765kV. While SarvaUSA is new to this specific procurement process, we have a strong background and are at the forefront of transformer standards. Would it be acceptable to provide a list detailing our prior transformer experience?
- A8.** No, bidders are asked to bid the transformer based on the specification within the bid documents.
- Q9.** ****BID Deposit:**** As a minority-owned business, are there any support options available regarding the bond guarantee value amount?
- A9.** PWC does not provide any financial support for any minority owned-businesses regarding the bonding guarantee value amount.
- Q10.** We have been informed by the Surety VP the following:
"The requirement for a P&P bond would not be located on the bid bond form it would be somewhere in the RFP. The surety and I have both reviewed and cannot locate any mention of one, however, that doesn't mean it won't be required. Perhaps a supply bond rather than a P&P might be required? Have any addendums been issued, or has there been a pre-bid meeting where questions have been asked/answered, that have maybe addressed the need for a bond to guarantee the Contract/Sales Agreement/PO?"
- A10.** Payment and Performance bonds are not required for this project.
Reference Instructions to Bidders – Section K – Bid Bond for Bid Bond Information.
Addendums 1, 2, & 3, have been posted to the PWC Website at www.faypwc.com/bids.
- Q11.** Unfortunately, the surety will need the information prior to approving a bid bond. A bid bond guarantees that you will enter into the contract, as well as provide any P& P bonds that may be required. In their underwriting process they have to make sure that bond forms are acceptable (if there are any supplied by the Obligee), terms, if there is enough available capacity to issue a P&P bond if you are awarded, etc."
Please confirm what is necessary.
- A11.** Reference Instructions to Bidders – Section K – Bid Bond for Bid Bond Information.
Bid Bond forms are included in the Bid Documents.

Failure to acknowledge receipt of this addendum may result in rejection of the response.

Check ONE of the following options:

- ☐ Bid has not been mailed. Any changes resulting from this addendum are included in our bid response.
- ☐ Bid has been mailed. No changes resulted from this addendum.
- ☐ Bid has been mailed. Changes resulting from this addendum are as follows:

Execute Addendum:

Offeror: _____

Authorized Signature: _____

Name and Titled (Typed): _____

Date: _____

ATTACHMENT B: BID PRICING FORM

Bidder Information:

Name of Company

Address

Phone Number

Email Address

NAICS

**Is the company an N.C.
Certified HUB or DBE
Printed Name**

Title

Signature

Date

Bidders shall submit bids only on the Bid Pricing Forms provided herein, or exact copies thereof. Each bidder must sign the Bid Pricing Form and provide the manufacturer's name, lead time, and item number for each line item. Failure to provide a full and complete Bid Pricing Form, including the required signature, manufacturer's name, lead time, and item number, will result in the bid being deemed non-responsive, as PWC will not have the necessary information to properly evaluate the bids. **First Shipment to occur on or before August 1, 2027, to 1097 Public Works Drive, Fayetteville NC, 28301 following shipments should be 1 week apart for three (3) separate deliveries and three (3) separate mobilizations.**

Furnish And Deliver:

Item #	QTY.	UOM	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	3	E.A.	Three (3) Continuous Rated 67KV Delta To 13.09 Y/7.56 with LTC Rated 24/35.8/44.8 MVA Power Transformers At ONAN, ONAF, ONAF Manufacturer: _____ Lead Time: _____	\$	\$

TOTAL EXTENDED BID SUMMARY \$ _____

MAXIMUM GUARANTEED LOSSES

SCHEDULES 1⁽¹⁾

	LTC 1R Pos	LTC ⁽²⁾ Avg. 15R & 16R Pos.
Maximum guaranteed no-load kW losses, 100% voltage, 75°C, 50 MVA(3)	kW	kW
Maximum guaranteed load kW losses, (not total losses) at 50 MVA(3)	Kw	kW
Maximum guaranteed Total kW losses, at 50 MVA, 75°C(3)	kW	kW
Auxiliary kW losses, first stage cooling	kW	kW
Auxiliary kW losses, second stage cooling	kW	kW
Impedance %		%

MAXIMUM GUARANTEED PCB DIELECTRIC LEVEL (1)

Measured at the factory prior to oil filling of the transformer	PPM
Measured at the site after oil filling of the transformer	PPM

⁽¹⁾ All transformers in all bid schedules shall conform to these losses and values.

⁽²⁾ These levels will be considered in evaluating the bids.

⁽³⁾ No-load and total losses are to be guaranteed per ANSI or IEEE standards.

Delivery (Weeks)*

Bid Schedule No. 1

Approval Drawings**

Final Drawings**

Delivery**

The base quotation shall include the services of a Manufacturer's Field Service Engineer for the time outlined below per unit. Extra days (or credit for days not used) shall be supplied at a daily rate as quoted below:

Item

No. of Days Per Unit

Daily Rate*


LTC Power Transformer

kW

kW

*Adjustment for exceeding five (5) days or credit for less than three (3) days.

Bid Deposit. Use this space for attaching the check, if applicable:



[illegible]

- 1) If, in submitting this bid, the bidder has made any exceptions to bid documents, the bidder understands that PWC will evaluate the effect of such exceptions in determining the award of the agreement.

Respectfully submitted this _____ day of _____, 2025.

Name of Bidder

By _____

TITLE

Address of Bidder:

Manufacturer of Proposed Equipment:

Place city and country of Manufacturer Facility:
