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FAYETTEVILLE PUBLIC WORKS COMMISSION
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August 5, 2024

To: Potential Regulator Bidders
From: Paula Eckard, Supply Chain Analyst
CC: Candice Kirtz, Director of Supply Chain
Subject: Bid No. PWC2425009 for Regulator, Single Phase, 833 KVA, 14.4 KV

Fayetteville Public Works Commission hereinafter referred to as Commission manages and controls various pieces of equipment. As the legal title holder of equipment, the Commission has approved the sale of equipment by sealed bid. The surplus Regulators, totaling a lot of 3 each.

The Commission will accept sealed bids for this equipment until 2:00 p.m., Monday, August 26, 2024, at Fayetteville PWC, PO Box 1089, Fayetteville, NC 28301 or 1097 Public Works Drive, Fayetteville, NC 23301 Attn: Paula Eckard. All bids received shall be opened in public and the amount of each bid announced and recorded.

Bidding information may be viewed online at <https://www.faypwc.com/bids/>

The Commission reserves the right to withdraw the equipment from sale at any time and the right to reject any and all bids, waive all informalities concerning a bid or award a bid to the highest responsible bidder.

The successful bidder must remit payment within 30 calendar days from the bid award. The PWC Supply Chain Department accepts wire transfers, certified checks, or money orders as forms of payment. All items must be picked up from the PWC within 10 business days after receipt of payment. The PWC does provide loading, packing, shipping, and/or labor assistance for pickups. The successful bidder must arrange and perform all necessary transportation to ship, and/or remove the items. Property may be removed between the hours of 9:00 a.m. to 12:00 p.m. or 1:00 p.m. to 4:00 p.m. Monday through Friday, excluding State holidays.

Inquiries concerning the bidding process may be made to paula.eckard@faypwc.com, if you have prequalification or technical questions about the units offered, please contact joel.valley@faypwc.com.

**Public Works Commission
Fayetteville, NC
Electric Systems Division
Material Specification**

1-245-025

Revision Date

28 Mar 18

REGULATOR, SINGLE-PHASE, 833 KVA, 14.4 KV

Description:

Single-phase, oil immersed, self-cooled, automatic step voltage regulator designed for operation on a 24,940Y/14,400 volt, 60 Hz, 150 KV BIL system. The unit shall be capable of a 10 percent raise and lower in thirty-two (32) 5/8% steps, sixteen raise and sixteen lower, and constructed in accordance with IEEE C57.15. Unit shall be certified as Non-PCB, ANSI Type II mineral oil.

Bushings and Terminals:

Three 1600 amp, 18" creep, 110 KV BIL minimum bushings. Each bushing shall include three bronze stud, 4-hole, NEMA 4 inch connectors (Anderson Cat #HSDF-14-D-1/2-12).

Surge Arresters:

An external arrester shall be installed between the source and load bushings to limit the voltage rise across the series windings. Provisions shall be included to allow the installation of substation class surge arresters on both the source and load bushings.

Current and Potential Transformers:

The internally-mounted CT's and PT's shall be compatible with the regulator ratings and listed on the nameplate.

Accessory Equipment:

Regulator shall be equipped with a pressure indicator (Qualitrol 050 or approved equivalent with range of -15 to 15 lbs), a pressure-relief device, external position indicator, oil sight gauge, oil sampling valve, nameplates, substation base, and finished IEEE #70 gray complying with IEEE C57.12.31. Regulator shall be equipped with a SEL – 2431 (# 24310111X1248XXX30XXMMap_) digital control unit mounted on the regulator and enclosed in a weather-resistant, lockable enclosure. Digital control unit will include Fiber Optic (DNP-3.0) Ethernet 100 Base FX communications module with ST ports..

Performance Standards:

Shall meet or exceed all requirements of IEEE C57.15.

Delivery Standards:

Standard shipping pallet shall be capable of unloading by forklift.

Types Accepted:

<i>Manufacturer</i>	<i>Product</i>
COOPER	-----
SIEMENS	-----
HOWARD	-----

Note: Catalog numbers are shown for reference use only; supplier is responsible for conforming to specifications as stated.

Specification reviewed by: _____





**Surplus Regulators, Single Phase, 833 KVA, 14.4
KV Due August 26, 2024**

Bid Pricing Form

Bidders Information

Bidders Name: _____

Street Address: _____

Telephone Number: _____

Email: _____

Print Name and Title: _____

Bidders Authorized Signature: _____

Date: _____

Pricing

LOT	QTY <i>(LOT KVA TOTAL)</i>	UNIT COST	EXTENDED COST
Regulators	3 Each		