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April 24, 2025

To: Potential Surplus Switching Cabinet Bidders
From: Paula Eckard, Supply Chain Analyst
CC: Elbert Norris, Apparatus Repair Shop Supervisor
Subject: Bid No. PWC2425076 for Surplus Switching Cabinets

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 Switching Cabinet shipment consists of one (1) lot of three (3) Switching Cabinet, 25 KV, Live Front, PMH-8.

The Commission will accept sealed bids for this equipment until 3:00 p.m., Thursday, May 8, 2025, 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.

In order for a bid to be considered, the bidder must be pre-qualified to dispose of transformers. 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 elbert.norris@faypwc.com.

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

1-283-030

**Revision Date: December 5, 2024
Revised By: Janet Crockett**

SWITCHING CABINET, 25 KV, LIVE FRONT, PMH-8

DESCRIPTION:

Metal-enclosed pad mount 4-compartment outdoor distribution switching cabinet for use on 24940Y/14400 volt 60-hertz underground systems under normal service conditions. Enclosure will be a Category A per ANSI C37.20.3.6 & of minimum 11-gauge steel with stainless steel hardware finished in Munsell 7GY 3.29/1.5.12.2. Doors shall have 3-point auto-latch mechanism with pad-lockable handle and standard penta-head security bolts. Enclosure will be mounted to a removable 12" high sleeve and will bolt to a concrete vault PWC stock # 1-175-028.

Compartment 1 will contain 3-phase 600 AMP Load interrupting switches both connected to a common 600 amp bus, operated through crank-type operators accessible through side-mounted lockable doors. Compartments will feature mounting provisions for one (1) 21 kV surge arrester per phase, 2-bolt NEMA terminal pads, ground pads, grounding studs, mounting provisions for fault indicators, cable guides, easily removable non-conductive interphase barriers, full width & length access door, and non-conductive door phase barriers.

Compartment 2 will be empty.

Compartments 3 & 4 will each contain mountings for 3 single-phase fuse/interrupters (each connected to a separate phase) that will accept Type SML-20 fuse/silencer assemblies. Compartments will feature eye bolt line terminals that will accept # 2 thru #4/0 AWG, ground pads, grounding studs, fault indicator mounting provisions, cable guides, easily removable non-conductive interphase barriers, full width & length access door, storage pockets, and individual phase front barrier.

Performance Standards:

Maximum voltage: 25.8 kV; Low Frequency Withstand: 60 kV
Basic insulation Level: 125 kV; Continuous Current 600 A (1 & 2)
Rated Momentary Current: 20,000 A; Continuous Current: 200 A (3&4)
Rated load Interrupting Current @ 25 kV: 600 A (1&2), 200 A (3&4)
Rated short Time Current: 12,000 A Rated Fault one-time fault close:
Units will pass Rain Test (ANSI C37.20), Security and finish test per ANSI C57.12.28 and all applicable production tests in ANSI C37.20

Delivery Standards:

Units will be individually palletized, fitted with lifting provisions shipped on open trailers to permit unloading by line truck.

Types Accepted:

Manufacturer
S&C ELECTRIC

Product
55143R2-DE1G1G2HJM2M3P5

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

PMH- 8s – all three appear to have been installed in the field in the past

Serial # B-18517

- Mfg 10/1983
- Repaired / Repainted 6/23/2017
- 600 amp side opened/closed with switch activation

Serial # B18574

- Mfg 10/1983
- Contains porcelain lightning arresters in "unused" Compartment 2 – cap on one arrester is cracked
- 600 amp side opened/closed with switch activation

Serial # B-8193

- Mfg 5/1985
- Compartment 3 (200 amp) – missing (1) jaw
- 600 amp side opened/closed smoothly with switch activation



































Surplus Switching Cabinets

Due May 8, 2025

PWC2425076 Bid Pricing Form

Bidders Information

Bidders Name:

Street Address:

Telephone Number:

Email:

Print Name and Title:

Bidders Authorized Signature:

Date:

Pricing

LOT	QTY	UNIT COST	EXTENDED COST
Switching Cabinet	3 each		