

POWER SYSTEMS POWER SYSTEMS POWER SYSTEMS

Equipment Procurement



3.0 MVA UNIT SUBSTATION COMPARISON OF TENDER		
BIDDERS:		
2.0 TRANSFORMER		
Manufacturer	Hamond	Schneider Canada
Supplier	Wesco	Schneider Canada
Enclosure	EEMAC I	EEMAC I
Capacity	3000/4000 kVA	3000/4000 kVA
Voltage Rating	6600/600/347V	6600/600/347V
Impedance	7%	7%
Noise	68dB	68dB
Dimensions	180W x 98H x 70D	108W x 91.5H x 72D
Windings	Copper	Copper
Coil Encapsulation	Epoxy	Epoxy
Bus Insulation	Yes	Yes
Taps	2.5% 2-FCAN, 2-FCBN	2.5% 2-FCAN, 2-FCBN
Anti-vibration Pads	Yes	Yes
High Voltage Bus Rating	550A	1200A
High Voltage B.I.L.	95 kV	95 kV
Low Voltage Bus Rating	3950A	4000A
Low Voltage B.I.L.	10 kV	10 kV
Insulation Material	NOMEX	NOMEX
Insulation Class	220C	220C
Average Temp. Rise	80C	80C
Cooling Fans	Yes	Yes
Power for fans	Yes	Yes
Temp. Relay	Digital	DTR-1
Provision for Lifting	Yes	Yes

Based on system design criteria, present application and future expansion requirements, detailed equipment specifications are prepared, submitted for bid and evaluated for compliance.

- Equipment Specifications
- Vendor Coordination
- Bid Inquiries
- Bid Analysis
- Procurement Documentation
- Witness Testing
- Shop Drawing Review
- Expediting
- Site Acceptance



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