

Scope of new 2500 kva Transformer to Serve Casino 3

Furnish FOB Catoosa, OK a 3-phase pad mounted transformer meeting the following minimum specifications:

Description:

kVA	2500 kVA 3 Phase Pad-Mounted Transformer
Temperature Rise	65 degree average winding rise
Cooling Class	ONAN
Insulating fluid	Mineral Oil
Efficiency Standard	DOE 2016
High Voltage	13200 Delta Volts, 95 kV BIL
kV Class	15 kV
High Voltage Configuration	Dead Front, Loop Feed
Taps	2 - 2.5% taps above and 2 - 2.5% taps below nominal
High Voltage Bushings	200 amp Cooper bushing wells with removable studs (Qty: 6)
Inserts	15 kV, 95 kV BIL Cooper load-break inserts (Qty: 6)
Overcurrent Protection	None
Low Voltage	480Y/277 Volts, 30 kV BIL
Low Voltage kV Class	1.2 kV
Low Voltage Bushings	Integral aluminum 12-hole spade bushing(s) (Qty: 4)
Bushing Supports	Standard LV Bushing Support Assembly
Cabinet hardware	Penta-head cabinet door bolts
IEEE K-Dimension	Loop feed per IEEE C57.12.34-2015 Figure 11 minimum dimensions (without bails)
Coatings	Munsell Green (Munsell 7GY 3.29/1.5) topcoat
Gauges & Fittings	Liquid level gauge
Gauges & Fittings	Thermometer, dial-type
Gauges & Fittings	Pressure/vacuum gauge

Gauges & Fittings	Drain valve (1") with sampler in LV compartment
Gauges & Fittings	Pressure relief device, 35 SCFM
Gauges & Fittings	IR port
Tank accessories	IEEE standard two-hole ground pads (Qty: 3)
Cover	Welded cover with handhole

PERFORMANCE DATA:	**Losses are For Reference Only**
Target Impedance	5.76 % +/- 7.5%
No Load Losses @ 105% Voltage @20 C	2599 Watts
Estimated Overall Height	67.40 inches
Estimated Overall Width	100.36 inches
Estimated Overall Depth	74.86 inches