

Manufacturer: _____

Location of Plant: _____

Guaranteed losses for Autotransformer 230 KV-67KV, as described in Exhibit B - Technical Specifications included in the proposal, are as follows:

All losses are for the basic transformer at the MVA rating indicated, on "Neutral" LTC position and 69,000 volt no-load tap position, are to be stated "per transformer". Losses are to be for the basic transformer unit only and are not to include load tap-change equipment or other voltage regulating equipment.

Guaranteed No Load Loss, 25 MVA, LTC at N _____

Guaranteed Load Loss, 25 MVA, LTC at N _____

Guaranteed Load Loss, 25 MVA, LTC at 4 Raise _____

Guaranteed Load Loss, 25 MVA, LTC at 5 Raise _____

Approximate Power Required by Cooling Equipment, 33.3 MVA (watts) _____

Approximate Power Required by Cooling Equipment, 41.6 MVA (watts) _____

Approximate Dimensions (inches); see Sheet 3 (Figure AA-2):

"A" and "B" are as measured from the centerline of the H2 bushing

A _____ B _____ C _____

"E" and "F" are without radiators and with other normally demountable equipment removed.

D _____ E _____ F _____

H" is height of tank without bushings; "M" is

to top of HV bushings; "T" is to highest point above grade, either bushing or lightning arrester

H _____ M _____ T _____

High Voltage Phase Spacing (inches)

Low Voltage Phase Spacing (inches)

Approximate Weights (pounds)

Core and Coils/ Tank and Fittings

Liquid

_____ (_____ gallons)

Total Weight / Shipping Weight

Description of Core and Coil Design: _____

Load Tap Changer (LTC): The LTC proposed to be furnished as an integral part of the Autotransformer will have the following characteristics.

LTC Manufacturer

LTC Model Identification

LTC Transition Impedance Type

LTC Arc Interruption Method

LTC Drive Mechanism Type

LTC Continuous Current Rating

LTC Ratio of Series Transformer (if any)

LTC Operations before Initial Maintenance

LTC Guaranteed Operations Total Life

Radiator Manufacturer	_____	_____
Cooling System Fan (Pump) Motor Manufacturer/ Type	_____	_____
Fan (Pump) Motor hp / First Stage Quantity	_____	_____
Fan (Pump) Motor hp / Second Stage Quantity	_____	_____
Current Transformer Manufacturer	_____	_____
Maximum CT Quantity in HV Space	_____	_____
Maximum CT Quantity in LV Space	_____	_____
Maximum CT Quantity in Tertiary Space	_____	_____
	<u>High Voltage:</u>	<u>Low Voltage:</u>
Bushing Manufacturer	_____	_____
Bushing Type / Designation	_____	_____
Permissible safe cantilever loading (lb)	_____	_____
Lightning Arrester Manufacturer	_____	_____
High Voltage Lightning Arrester Type	_____	_____
Low Voltage Lightning Arrester Type	_____	_____

(Figure AA-2)

