INFORMATION TO BE PROVIDED BY TENDERERS

GENERAL

1.0 Manufacturers name_____

TRANSFORMER DETAIL

1.0 Primary voltage rating: _____kV

2.0 Secondary voltage rating: _____kV

3.0 Rated power: _____MVA

4.0 Impedance %: _____

5.0 Off Circuit Tap Switch.

No of positions: _____ %Steps: _____

6.0 Vector group: _____

TANK AND TANK COVER

1.0 Free-breathing: Yes/No

2.0 Tank cover welded to tank: Yes/No

3.0 Radiators galvanised. Yes/No

4.0 Method of Cooling: _____

5.0 Overall dimensions: Length_____mm. Breadth_____mm. Height_____mm.

6.0 Winding material: HV_____ LV_____

7.0 Mass of core and windings: _____kg

8.0 Oil capacity: _____(Litres)

9.0 Mass of transformer complete with oil: _____kg

10.0 Adjustable axial coils provided: Yes/No

11.0 Type of breather and dehydrating agent _____

12.0 The following information refers to the transformer when connected on the principal tapping and appropriate reference temperature for the class of insulation used.

13.0 Iron loss (Watts): _____

14.0 Copper loss at full load: _____at_____°C

15.0 Total load losses (Watts): _____at _____°C

16.0 Impedance at full load (%Z): _____

17.0 Reactance (% X): _____;

18.0 Regulation at full load at: 1.0 PF _____Percent, 0.8 PF _____ Percent at _____°C

19.0 Efficiency at full load at: 1.0 PF _____Percent, 0.8 PF _____Percent at _____ °C

20.0 Temperature rise at rated voltage and power of:

Windings: _____°C

Top oil: _____°C

21.0 Transformer Short Circuit withstand ability _____

END