

**Technical Addendum – I**

**Technical Specification of “Dry type Transformer”**

<b>Sl. No.</b>	<b>TS Clause</b>	<b>Page No.</b>	<b>Original Content</b>	<b>Amended Condition</b>
1	Part-I - General Specifications Sl. No. 2.1.2	4 of 18	The transformer shall be Vacuum Pressure Impregnated (VPI) type as specified in Part-II.	The transformer shall be <i>cast resin type (encapsulated)</i> as specified in Part-II.
2	Part-I - General Specifications Sl. No. 2.1.3	4 of 18	For VPI type transformers, windings shall be impregnated with epoxy resin by vacuum pressure impregnation process to ensure void free impregnation.	Deleted
3	Part-I - General Specifications Sl. No. 2.3.7	5 of 18	The transformer shall have vacuum pressure impregnated windings. Encapsulated windings shall be maintenance free, humidity resistant, tropicalized, fire resistant, self-extinguishing and when exposed to arcing no toxic gases shall be generated.	Encapsulated windings shall be maintenance free, humidity resistant, tropicalized, fire resistant, self-extinguishing and when exposed to arcing no toxic gases shall be generated.
4	Part-I - General Specifications Sl. No. 2.6.7	6 of 18	Vendor shall provide current transformers on neutral bus for REF protection and stand-by earth fault protection if specified in Part-II. CT for REF protection shall be installed before neutral bifurcation.	Deleted

5	PART – II - Design Data Sheet General Sl. No. 005	9 of 18	Type - Vacuum Pressure Impregnated (non-encapsulated	<i>Cast resin encapsulated</i>
6	PART – II - Design Data Sheet Performance Data Sl. No. 044 (b)	9 of 18	Load at which maximum efficiency is desired : <del>80 % F.L.</del>	Bidder to indicate
7	PART – II - Design Data Sheet Bushing & Terminal arrangement Sl. No. 089 (Neutral Current Transformer)	11 of 18	Scope of Supply : By Transformer Vendor	Deleted
8	PART – II - Design Data Sheet Accessories Sl. No. 093	11 of 18	Neutral CT for stand by E/F protection	Deleted
9	PART – II - Design Data Sheet Accessories Sl. No. 094	11 of 18	Neutral CT for REF protection	Deleted
10	Part-IIIB - Scope of Supply & Schedule of Prices Sl. No.1. A	14 of 18	750 kVA, 6.6 / 0.72 kV, * %Z, VPI type transformer	750 kVA, 6.6 / 0.72 kV, * %Z, <i>cast resin</i> type transformer

11	PART – IV - Inspection Test Plan Type Test Sl. No. A (ii)	15 of 18	Lightning Impulse test (with full wave & chopped wave on all three phases) (Each rating)	Applicable for similar / higher rating
12	PART – IV - Inspection Test Plan Special tests Sl. No. C (ii)	15 of 18	Short circuit test (Each rating)	Applicable for similar / higher rating
13	PART – IV - Inspection Test Plan Note : Sl. No. 2	15 of 18	Valid type / special test certificate for identical type & rating shall be submitted by the vendor for review.	Valid type / special test certificate for identical type & rating (similar/higher rating) shall be submitted by the vendor for review. In case of higher rating certificate, short circuit calculations to be submitted during vendor drawing approval.