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ANNEXURE – A to  
Specification No. RDSO/PE/SPEC/AC/ 0080 - 2007 (Rev.2)

**ACCEPTABLE MAKE AND SPECIFICATION OF  
THE MATERIAL USED IN  
60 kVA TRANSFORMER**

S.No	Description of the material	Nos.	Make	Specification
1.	Anti vibration mountings (loose supply) suitable for M12 stud.	4	Resistoflex EFM 2.65 / Dunlop/ Mettalisitc or any other make with prior approval of RDSO	-
2.	Super enameled copper round/rectangular winding wire/strip.	As required	As per latest vendor list of RDSO/CLW	IS: 13730, Pt 13 -93/ IS: 13730, Pt 29
3.	Connecting lead	As required	As per latest vendor list of RDSO/CLW	-BS: 6195
4.	Epoxy resin	As required	FT 2005/500EK Or 50 VT	Dr BECK
5.	Grommet/PG coupler	10	PMA, LAPP, Hummel or any other make with prior approval of RDSO	
6.	CRGO grade M27	As required	M/s POSCO(Korea), M/s NIPPON STEEL Corporation (Japan), M/s THYSSCENKRUUP(INDIA) or any other make with prior approval of RDSO.	IS: 3024 of 0.27 mm thickness
7.	SRBGF material		Make to be submitted by the firm at the time of design approval.	IS:10192-1982 with EP3 grade approval.
8.	Enclosure	01	-	SS 304 L-grade 2.0 mm thick enclosure and 5.0 mm top cover as per IS 6911 .
9.	Terminal Board	01	Make approved by RDSO/-PUs	As per clause No. 8.10
10.	Crimping socket/lug	As required	Make approved by RDSO/ Pus Chetna/Dowells	

- Note:**
1. All the materials should have fire retardant property complying HL-2 category of EN 45545.
  2. Firm should have test records of all raw material used in their transformer.
  3. Firm will submit the purchase bills of raw materials from approved sources as above.

Prepared by ADE(TL-AC & System Design)	Checked by DSE(TL-AC System Design)
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