

Annexure - I

This schedule is for providing turn-key protection to the EHV Transformer for eradicating oil leakage at the Grid Sub Station with Warrantee for the specified period.

1. Job description:

Sl. No.	Description of Job & Work	Location	Rate (INR)	Remarks
1.	Arresting of Oil leakage of the X'mer by using Belzona make Polymeric Compounds (1111, 1831, 9111, etc.). Initial cleaning preparing surface and then applying protective coating for total arresting oil leakage for: 100 MVA, 220/132 KV GEC make Transformer.	(1) Top Cover Plate (2) Radiator Joints (3) OLTC tank cover plates (4) Inspection window Any other area as required.		The Transformer leakage location will be covered in totality so no place will be left for transferring leakage after covering affected area.

2.0 Terms of work: -

2.1 The surface should be applied cleaner/ degreaser of standard company for cleaning surface/location. As this cleaner/degreaser will come in contact with Nitrile Rubber/ Rubberized cork sheet also present between joints, so this chemical should not have property to affect this sheet.

2.2 The surface having leakage is of continuous nature so in spite of cleaning/degreasing can/will have oil/water of atmosphere; so be provided with an effective molecular weld/ super metal/e metal with hardener to arrest X'mer oil leakage in these situations also. The surface of M.S. Steel/ Gasket/ Rubberized material should not be deformed or have any adverse effect.

2.3 The material used should be declared with its technical parameters so that our Job may not be adversely affected.

2.4 The protection provided should have tolerance to temperature range of (-) 5 degree C to 105 degree centigrade as such situations do occur in the operation of X'mers.

2.5 The protection provided should have a minimum satisfactory life of 5 years from the date of application. In case of otherwise the leakage will be rectified by you within a period of 15 days; from the date of intimation.


Executive Engineer

220 KV GSS, RRVNPL, Padampur