

Bharat Heavy Electricals Limited  
Ramachandrapuram:: Hyderabad  
M&S-P&C  
**Price Bid**

**Tender No. M&S/P&C/2016/37 Dt.12.07.2016**

**Name of Work- Oil Filtration of all the transformers and arresting Leakages of Selected transformers**

| S No.                      | Description of work  | Unit   | Qty   | Rate | Amount |
|----------------------------|--|--------|-------|------|--------|
| 1                          | Transformer oil filtration to improve dielectric strength of oil with High Vacuum Filter machine of capacity 2400 LPH or more. The filter unit shall filter Transformer oil to achieve BDV of 60 KV or more. The party shall have authorisation from the licensing authorities to test and issue the test certificates. The party shall issue transformer oil test certificates as per IS 6792. Filling of the transformer if low oil level. The transformers are located at various locations in the factory. The transformer of various capacities from 750 KVA to 10600 KVA will be given for filtration as per the availability. | Ltrs   | 88000 |      |        |
| 2                          | Transformer oil BDV Testing before and after Transformer oil filtration. Reports of Transformer Oil BDV to be given before Filtration. (Total Transformer = 65). Should have authorisation given by the CEIG for issuing test certificated on BDV.   | Sample | 130   |      |        |
| 3                          | Transformer oil acidity testing charges before and after filtration. (Total Transformer = 65). This should be done as per IS 1448. The method used should be stated while submitting tender. Also the lab should be authorised to do such tests. Copy needs to be submitted at the time of submission of reports.  | Sample | 130   |      |        |
| 4                          | Transformer oil testing for moisture content (PPM) as per IS 13567:1992, Tan Delta as per IS: 6262: 1971 before and after filtration (Total Transformer = 65)  | Sample | 130   |      |        |
| 5                          | Leakage Arresting of the list of Transformers attached in Annexure I. The details of the Transformers, type of leakage, make and year of manufacturing. The type of leakage is also given in the annexure. All the required tools required for leakage arresting is under the scope. All the materials required for Leakage arresting are under the scope of the vendor. Gaskets used should be of 70 C grade. Oil seals and O rings are also under the vendor scope . Leakage transformers list enclosed.   | Nos    | 12    |      |        |
| 6                          | Supply of 1 kg clear view type Silica Gel breather with crystals.  | Nos    | 65    |      |        |
| 7                          | Supply of Silica Gel crystals  | Kgs    | 50    |      |        |
| <b>Service Tax Extra @</b> |  |        |       |      |        |

Signature of the contractor