

CPI,
Stainless steel (S.S) oil sapling bottles

Annexure I

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SALIENT FEATURES-

1. The sapling bottles shall conform to IEC 567 and IS: 9434:1992 standards and should be seamless type suitable for hydrogen loss tests, dissolved gas analysis etc.
2. The transformer oil sample should not lose its properties, dissolved gases and quality during transportation in the container.
3. The capacity of the container shall be one litre and material should be SS 304.
4. Each bottle shall have two nos. of S.S needle valve of 0.26" along with welded S.S T-type of handle. It shall also have stainless steel adaptors - one on each side. The end caps (PP) shall be totally leak proof and should withstand a minimum pressure of 150 kg/cm².
5. The needle valves should be robust and should withstand accidental fall and jerks during transportation or while taking samples.
6. All the bottles before supply shall be tested by firm for being 100% leakage proof and firm will certify along with tests reports that all containers have withstood a pressure of 150 kg/cm².
7. The weight of each bottle should not exceed 2.25 kg
8. All test reports are to be submitted along with the offer and firm/bidder shall have executed at least five purchase orders of the quoted material to reputed organizations like NTPC, PGCIL, BHEL or PSTCL.
9. Any spare required to be part of testing or required in future shall be a part of equipment.
10. Any consumables required for one year shall be deemed to be a part of the material.
11. Temperature range of operation: -5°C to 50°C, storage: -25°C to 70°C
12. Humidity: Operation 80% RH (Non-condensing at 40°C) Storage: 95% RH at 40°C
13. Warranty: The entire instrument shall be over on warranty for a period of One year from the last date of complete commissioning of the test set up.
14. Repairs- The warranty period shall be twelve months from the date of issuing from store /commissioning or eighteen months from the Date of GR in the store- whichever is earlier. Manufacturer shall also give undertaking to provide back-up support readily in India for at least 10 years if material is offered by them directly or through their selling agents.
15. Service support: The supplier shall furnish a detailed organization structure of their service team, who had required qualifications and regular training records from manufacturer. Mode of attending service calls shall be given in detail.

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