



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
(CIN No.U40109MH2005SGC153646)

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SP/T-0506/0719

Date: 11.07.2019

AMENDMENT NO. I

Sub: Procurement of 13 Nos, of Power Transformers of various ratings alongwith New Uninhibited Insulating Oil - **Issue of Clarification / Amendment to Tender specifications thereof.**

Please refer e-Tender No. SP/T-0506/0719 [RFx. No. 5000000740], advertised for Procurement of 13 Nos. of Power Transformers of various ratings alongwith New Uninhibited Insulating Oil, due on 15.07.2019.

- 1) The **requirement of dehydrating filter breather for the conservator** as stated in sub-**Clause No. 5.4.5.1** of Cl. No. 5.4.5: Oil Preservation System under construction details as specified in Technical Specification of the tender **stands modified as under:**

5.4.5.1 Condition Controlled (Maintenance Free) Regenerating Silica Gel Breather

Conservator shall be fitted with a Condition Controlled (Maintenance Free) Regenerating Silica Gel Breather.

The **technical details of the Condition Controlled (Maintenance Free) Regenerating Silica Gel Breather** are provided in the modified clause no. 5.4.5.1 of Revised Technical Specification uploaded. It is requested to take note of the above **modification in construction detail of Oil Preservation System and comply.**

Further, requirement for **submission of drawing of general arrangement of condition controlled regenerating silica gel breather diagram (as per requirement)** is now **incorporated at Sr. No. 32 of Schedule B-5** (List of drawings to be submitted by successful bidder for approval of the Project & Design Department).

- 2) In **addition to the existing requirement** of technical specification, the **following requirements stand incorporated** under respective Clause Nos. in the **Revised Technical Specification**:

Clause No. 5.2 (TRANSFORMER LOSSES)

- 2) Percentage impedance voltage on normal tap and at rated MVA shall be as indicated in Principal Technical Parameters of this specification (Schedule-D1, Schedule-D2, Schedule-D3 and Schedule-D4 at Sr. No: 13) with 0% to +10% tolerance applicable, no negative tolerance is allowed.

Clause No. 5.11.1 (TAP CHANGER SWITCH (GENERAL REQUIREMENT))

- e) Each transformer unit shall be provided with on load tap changer driving gear mechanism having a protection class IP56 or better.

Clause No. 6.0 (TEST)

- (c) Dynamic short circuit test:

“MSETCL reserve right to carry out dynamic short circuit test on any power transformer at CPRI/ERDA. Supplier shall arrange to carry out the test, however MSETCL shall born the charges. If power transformer fails in dynamic short circuit test then entire lot/supplied transformers shall be rejected. The supplier shall replace already supplied transformer at his risk & cost. The decision in this regard shall be binding on supplier. Deviation in this regard shall not be accepted”

Clause No. 7.0 (INSPECTION)

- (I) The cost for stage inspection & final inspection (i.e. To & Fro air journey, lodging, boarding, local transport etc.) shall be borne by the bidder/supplier.

- (III) Final/Acceptance inspection:

After deputation of the 3rd party inspector for inspection at the manufacturer's works, if the material is not ready for inspection, the idle charges in respect of 3rd party inspector shall be borne by the transformer manufacturer.

Clause No. 8.0 (QUALITY ASSURANCE PLAN)

Cl. No. 8.1 (ix) List of fittings shall be supplied as per approved vendor list of MSETCL.

- 3) The GTP to be filled by the bidder (in physical form) is hereby incorporated in the Revised Technical Specification as Schedule E (E-1/E-2/E-3). Further, it is to clarify that GTP formats of 220 kV, 132 kV, 110 kV and 100 kV Class, 2 winding power transformers are common.

The **revised technical specification** incorporating the above modification(s) is uploaded in the RFx. All interested bidders are requested to take note of the above and submit their bids accordingly.

All other terms and conditions of the Tender specifications remain unchanged.

Yours faithfully,
-sd-
Executive Engineer (St. V)