



MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
CIN No. : U40109MH2005SGC153646

Name of Office: Central Purchase Agency,
Office Address: Prakashgad, 1st Floor, Plot No G-9, Anant Kanekar Marg, Bandra (East),
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SP/T-0604/0722

Date: 18.07.2022

Amendment -I

Sub:- Procurement of BCU-based Control & Relay Panels against LE scheme at various Substations under Vashi Zone in MSETCL against e-Tender No.SP/T-0604/0722 (Rfx No.5000001013) submission due on 20.07.2022.---**Issue of Clarification/Amendment to tender document in response to bidder's queries.**

Please refer e-Tender No. SP/T-0604/0722 (Rfx No.5000001013), advertised for procurement of BCU-based Control & Relay Panels against LE scheme at various Substations under Vashi Zone in MSETCL.

In response to above tender **Clarification/Amendment to Tender Specifications** on bidder's queries are given in Annexure-I enclosed herewith.

The Due dates of Submission and Opening of subject Tender are extended as under:

- i) Due date of Submission - 29.07.2022 upto 16:00 Hrs.
- ii) Due date of Opening - 29.07.2022 at 16:05 Hrs.

Bidders are requested to note the same and submit their offers accordingly.

This is issued without prejudice to all other terms & conditions of the subject tender.

Sd/-
Executive Engineer (St-VI)

ANNEXURE-I

1. As per BCU based CRP Specifications (Clause 29.1), the date of type tests shall be within the last Five years prior to the date of opening of tender. As per guide lines of Central Electricity Authority, Ministry of Power, Government of India, the validity period of type test for relays is Seven years. Further, for all the recent tenders of MSETCL the validity period is seven years. You are requested to review and clarify the same.

MSETCL Compliance --

- As per the CEA guidelines the validity period of 07 years for relays type test report is acceptable. However, as per the tender clause 29.1 for Type Test, the validity period for Panel Type Test report shall be 05 years.
- As per CEA guide lines the Type test reports, which could not be re-validated due to COVID pandemic since 23rd March 2020, shall be treated as valid up to 30th September 2022.

2. As per Schedule D of BCU based CRP Specifications, in case of 132kV and 220kV Transformers, it is mentioned that separate Bay Control unit shall be provided on LV side of Transformers. If the LV side voltage is 33kV or less, is it mandatory of providing separate BCU on LV side? Please clarify.

MSETCL Compliance --

- Yes, separate BCU for LV side of Transformers CRP is required.

3. As per Schedule D (15), It is mentioned that the bus bar protection panel shall be provided with MFM, BCU and Aux relays for CB & ISO control. Please clarify the purpose of these devices in bus bar protection.

MSETCL Compliance --

- MFM, BCU and Aux relays for CB & ISO control are not required in the bus bar protection panel . Kindly consider these corrections in schedule D (15).

4. As per Schedule D (15), It is mentioned that the bus bar protection panel shall be provided with Latch type (.....?:..) per bay with adequate NO+NC. Please clarify the purpose of these devices.

MSETCL Compliance --

- The latch relay (96x) is to be provided in addition to trip relay (96), required only if the total contact of 96 relay is less as per the required scheme.
5. Further, the contents mentioned under point no. 3 & 4 is covered in Schedule D and not in the Bus protection scheme under clause 20.5 of Specification. Please review and advise.

MSETCL Compliance --

- For Pt. No. 3. & 4 refer the reply above. The specification mentioned at clause no. 20.5 are proper.
6. In recent tenders of MSETCL, the following were mandatory for protection devices.
- The Protection devices shall be with 32 bit Microprocessors/controllers.
 - The binary inputs comply ENA 48-4 Standard to avoid mal operation due to induced voltages in cables.

whether the above points are applicable to present discussion protection devices or not.

MSETCL Compliance --

- The above points (6.a & 6.b) being part of MSETCL standard specifications; are applicable to the protection devices of this tender also.

7. As per BCU based CRP specifications (clause no. 21.6) Frequency Trend relay can be in build function of BCU. Can it be the in build function of Directional O/C and E/F relay/ further as per section D(8), it is mentioned as quantity one number of “ Numerical FTR+UFR” relay. Please review and advise.

MSETCL Compliance --

- Separate stand alone UFR+FTR needs to be provided.