



# MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO LTD

 MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd. महाराष्ट्र अधिकार	<b>Office of the Executive Engineer</b> <b>EHV O &amp; M DIVISION, Pimpri Chinchwad</b> <b>Bijli nagar, Near 220 KV Chinchwad S/stn, Pune –33</b> E mail ID – ee61b0@mahatransco.in	 UKAS QUALITY MANAGEMENT 043 ISO 9001:2008 CERTIFIED ORGANISATION
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No.: EE/PCDN/Tech./ No. 710

Date : 21.08.2023

**Subject:-** Inviting budgetary offers for estimation purpose for Supply, Erection, Testing & Commissioning of 33kV Vacuum Circuit Breakers with cradle solution & motorized racking to retrofit in existing 33kV HPA SF6 ABB make Circuit Breakers of all 22kV Indoor bays under EHV O&M Division, Pimpri Chinchwad.

**Dear Sir,**

The budgetary offers are invited for the following scope of work for Supply, Erection, Testing & Commissioning of 33kV Vacuum Circuit Breakers with cradle solution & motorized racking to retrofit in existing 33kV HPA SF6 ABB make Circuit Breakers of all 22kV Indoor bays under EHV O&M Division, Pimpri Chinchwad.

Sr. No	Name of Item	Unit	Quantity	Ex works per unit
A	Supply Portion			
1	Supply of Vacuum Circuit Breaker rated for 33kV, 1250A, 31.5kA for 3 sec along with cradle solution & motorized racking with temperature monitoring system to retrofit in existing ABB make HPA CB's for outgoing feeders	Set	10	
2	Supply of Vacuum Circuit Breaker rated for 33kV, 2000A, 31.5kA for 3 sec along with cradle solution & motorized racking with temperature monitoring system to retrofit in existing ABB make HPA CB's for Incomer & Bus Coupler feeders	Set	3	
B	Service Portion			
1	Service for Removal of existing components & Installation, Testing & Commissioning of new Components	EA	13	
2	Unloading & unpacking of material at customer Stores/ site, transportation of breakers from stores to Site location & Scrap material generated during the retrofitting activity to Scrap yard or Stores	EA	13	

**Note:**

1. The offer may be submitted by any manufacturer (OEM) / their authorized dealer. Submit the proof regarding authorised dealership of OEM. However the drawing & Bill of material of such retrofitting should be submitted. The offer will be accepted only if it found suitable for retrofitting in existing ABB make indoor panels.
2. Please specify all taxes & statutory cess as extra specifically with your offer.
3. Your Offer should reach this Office **on or before Date:28.08.2023** by e-mail on mail id [ee61b0@mahatransco.in](mailto:ee61b0@mahatransco.in) OR hard copy on office address.
4. The Offer should be valid for at least 06 (six) months.
5. The right to accept offer for part or to cancel any or all budgetary offer without assigning any reasons is reserved with undersigned.
6. Scope of work is as follow:

## **Scope of Work**

- 1 Removal of Existing old HPA circuit breakers
- 2 Removal of all components & associated control wiring in the breaker chambers
- 3 Installing New Vacuum circuit breaker along with Cradle with proper alignment.
- 4 Making jumper connections at the rear side to the main bus bars.
- 5 Removal of existing old panel side bushings.
- 6 Installation of new panel side bushings.
- 7 Making alignment of new installed breaker with new bushings.
- 8 Testing of newly installed VCB.
- 9 Commissioning of the Panel with the newly installed VCB.
- 10 Unloading & unpacking of material at customer Stores/ site.
- 11 Transportation of breakers from stores to Site location.
- 12 Transportation of Scrap material generated during the retrofitting activity to Scrap yard or Stores

Yours faithfully,

Sd/-

(Deepak D. Madane)

**Executive Engineer**

Pimpri-Chinchwad Division, Pune