

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD
(CIN NO- U40109MH2005SGC153646)

Office of the,
Executive Engineer
MSETCL EHV O&M, Division,
Near Market Yard, Bapat Camp, Kolhapur
Tal: - Karvir, Dist-Kolhapur-416 005
E-mail: - ee3210@mahatransco.in
Mobile: - Off-0231-2651529, Fax-0231-2680171

MSETCL/EE/EHV O&M/Dn./Kop/T/LP/ 123

Date :27.01.2023.

E- Enquiry (Budgetary offer)

Sub : - E-Enquiry for supply, Erection, commissioning of 19260 KVAR,125KV capacitor Bank at 110KV Bapat Camp Substation under EHV O&M Division Kolhapur.

Dear Sir

Budgetary offer are invited by the undersigned for supply, Erection, commissioning of **19260 KVAR,125KV** capacitor Bank at 110KV Bapat Camp Substation under EHV O&M Division Kolhapur **on or before: 03.02.2023 up to 18:00 Hrs.**

The other terms and conditions are as mentioned below:

- 1) Quotation should be duly filled in and submitted to this office via post or e-mail – ee3210@mahatransco.in
- 2) This enquiry is solely for collection of offer for estimate purpose & not for work allocation.
- 3) The offer should be submitted as per details mentioned below.
- 4) Quote rate in prescribed format & Attached Specifications::

A) Technical Specification details are below:

Sr. No.	Particular	Unit	Qty.	Rate per unit (Incl. of All Taxes)
1	Supply of 36 Nos. Of Capacitor cells as per below specification per capacitor unit:- A) Rating:- 535KVAR, 12.03KV B) Phase-1 C) Frequency:- 50HZ D) Fuse Protection:- Internal Fuse E) Capacitance:- 11.76 uF F) Current:- 44.47A G) BIL:- 28KV/75KVP H) Container:- CRCA 16SWG I) Bushing:- Solderable/welded J) Type:- APP K) Discharge Time:- 75V in less than 10 min L) Loss:- 0.2 Watt/KVAR (Max) M) Paint:- Light Gray as per IS-5 Shade No. 631	Nos.	50	
2	Interconnecting Copper Conductors & Proper sized of Lugs & tinned.	Set	1 (For 50 Cells)	

2	Erection of Capacitor cells on existing support Structure, Crimping of Interconnecting Conductors with proper sized Lugs, Testing & commissioning of Capacitor bank upto satisfaction of testing unit. at site.	Nos.	50	

B) The scope of the work will be as below:-

- 1) Supply of 36 Nos. Of Capacitor cells of above specification & Interconnecting Copper Links.
- 2) Erection of Capacitor cells on existing support Structure at site.
- 3) Interconnecting Conductor & proper sized Lugs to be crimped & tinned .
- 4) Testing & commissioning of Capacitor bank upto satisfaction of testing unit.
- 5) Supply of materials will be as per IS Standards:- IS 13925:2012 (Part-1)
- 6) The work should be completed at 110KV Bapat Camp & 220KV Mudshingi Substation.
- 7) Please quote the rate Incl. Of all applicable taxes.
- 8) Bifurcation of Taxes should be mentioned.

C) Following tests should be carried out on each Capacitor unit.

- 1) Sealing test
- 2) Measurement of capacitance
- 3) Voltage test between terminals
- 4) AC voltage test between Terminal & container
- 5) Test of discharge device
- 6) Capacitor loss tangent Measurement
- 7) Discharge test on terminal fuses.

It is requested to please quote the rate by considering all above specifications, type/Routine test & scope of work etc.

Sd/-
Abhijeet C. Dhamale
Executive Engineer
EHV O&M Dn. Kolhapur.