

INVITATION FOR BID (IFB)
(LOCAL COMPETITIVE BIDDING)

1.0 The Maharashtra State Electricity Transmission Company Limited Mumbai, herein after referred to as the 'Owner' (MSETCL) invites bids through SRM e-Tender in TWO bid system (Techno-commercial Bid & Price Bid) from eligible bidders in India having executed the work of Design, Supply, Installation, Testing & Commissioning of 5MVAR, 10MVAR & 15MVAR Capacitor Banks at EHV Substations under Aurangabad, Amravati, Nagpur, Nashik, Pune & Karad Zone in transmission sector on turnkey basis.

2.0 Scope of Work:

Design, Supply, Installation, Testing and Commissioning of 132kV & 33kV Capacitor Banks at various EHV Substations under Pkg-A for Amravati Zone (Amravati & Akola Circles), Aurangabad Zone (Aurangabad & Parli Circles) & Nagpur Zone (Nagpur & Chandrapur Circles)

S.N.	Zone	Circle	Substation	Rating of Capacitor Bank to be installed	Total MVAR
1	Amravati	Amravati	132kV Umarkhed	2 x 5 MVAR, 33kV	10
2			132kV Gunj	1 x 10MVAR, 33kV	10
3			220kV Anjangaon (Vihigaon)	2 x 5 MVAR, 33kV	10
4		Akola	132kV Malegaon	1 x 5 MVAR, 33kV & 1 x 10MVAR, 33kV	15
5			132kV MIDC Akola	1 x 10MVAR, 33kV	10
6			220kV Chikhali	2 x 15MVAR, 33kV	30
7			132kV Deulgaonraja	2 x 5 MVAR, 33kV	10
	Total – I				95
8	Aurangabad	Aurangabad	132kV Hingoli	2 x 5 MVAR, 33kV	10
9			132kV Sengaon	2 x 5 MVAR, 33kV	10
10			132kV Jintur	2 x 5 MVAR, 33kV	10
11			132kV Gangakhed	2 x 5 MVAR, 33kV	10
12			132kV Sonpeth	2 x 5 MVAR, 33kV	10
13			132kV Parbhani	2 x 5 MVAR, 33kV	10
14			132kV Jalna Old	2 x 5 MVAR, 33kV	10

15			132kV Sillod	2 x 5 MVAR, 33kV	10
16		Parli	220kV Paranda	2 x 5 MVAR, 33kV	10
17			132kV Kallamb	2 x 5 MVAR, 33kV	10
18			132kV Ujani	1 x 5 MVAR , 33kV	05
19			132kV Pangri	2 x 5 MVAR, 33kV	10
20			132kV Telgaon	2 x 5 MVAR, 33kV	10
21			220kV Manjarsumba	2 x 5 MVAR, 33kV	10
22			220kV Patoda	2 x 5 MVAR, 33kV	10
23			132kV Kinwat	2 x 5 MVAR, 33kV	10
24			132kV Ahmedpur	2 x 5 MVAR, 33kV	10
25			132kV Ardhapur	2 x 5 MVAR, 33kV	10
		Total – II			175
26	Nagpur	Nagpur	132kV Gondia	2 x 15MVAR, 132kV	30
27		Chandrapur	220kV Gadchiroli	2 x 5 MVAR, 33kV	10
28			220kV Virur	2 x 5 MVAR, 33kV	10
29			220kV Gadchandur	2 x 5 MVAR, 33kV	10
30			220kV Bhugaon	2 x 5 MVAR, 33kV	10
31			132kV Sindewahi	2 x 5 MVAR, 33kV	10
32			132kV Ashti	2 x 5 MVAR, 33kV	10
33			132kV Deoli	2 x 5 MVAR, 33kV	10
34			132kV Pulgaon	2 x 5 MVAR, 33kV	10
35			132kV Talegaon	2 x 5 MVAR, 33kV	10
36			132kV Seloo	2 x 5 MVAR, 33kV	10
37			132kV Jam	2 x 5 MVAR, 33kV	10
		Total – III			140
	GRAND TOTAL – PKG-A				410 MVAR

Design, Supply, Installation, Testing and Commissioning of 132kV & 33kV Capacitor Banks at various EHV Substations under Pkg-B for Karad Zone (Karad & Kolhapur Circles), Pune Zone (Solapur Circle) & Nashik Zone (Nashik & Bhusawal Circles)

S.N.	Zone	Circle	Substation	Rating of Capacitor Bank to be installed	Total MVAR
1	Karad	Karad	220kV Kadegaon	2 x 5 MVAR, 33kV	10
2			220kV Mhaisal	2 x 5 MVAR, 33kV	10
3			220kV Phaltan MIDC	1 x 10 MVAR, 33kV	10
4			132kV Shirala	1 x 5 MVAR, 33kV	05
5			132kV Satara Road	2 x 5 MVAR, 33kV	10
6			132kV Aundh	2 x 5 MVAR, 33kV	10
7			110kV Sankh	2 x 10 MVAR, 33kV	20
8			110kV Dighanchi	1 x 10 MVAR, 33kV	10
9			110kV Borgaon	1 x 5 MVAR, 33kV	05
10		Kolhapur	220kV Tilwani	2 x 10 MVAR, 33kV	20
11			220kV Bidri	1 x 5 MVAR, 33kV	05
12			220kV Hamidwada	1 x 5 MVAR, 33kV	05
13			220kV Dasturi	1 x 5 MVAR, 33kV	05
14			110kV Ichalkaranji	2 x 10 MVAR, 33kV	20
15			110kV Puikhadi	1 x 5 MVAR, 33kV	05
	Total – I				150
16	Nashik	Nashik	132kV Ghodegaon	2 x 10 MVAR, 33kV	20
17			132kV Nampur	2 x 10 MVAR, 33kV	20
18			132kV Taharabad	2 x 10 MVAR, 33kV	20
19			132kV Kalwan	2 x 10 MVAR, 33kV	20
20			132kV Kopergaon	1 x 10 MVAR, 33kV	10
21			132kV Shevgaon	2 x 5 MVAR, 33kV	10

22			132kV Wadzire	1 x 15 MVAR, 33kV	15
23			220kV Kalwan (Bhendi)	2 x 10 MVAR, 33kV	20
24			220kV Manmad	2 x 15 MVAR, 33kV	30
25			220kV Sonewadi	1 x 10 MVAR, 33kV	10
26			220kV Bhenda	2 x 10 MVAR, 33kV	20
27		Bhusawal	132kV Sakri	2 x 10 MVAR, 33kV	20
28			132kV Nardana	2 x 10 MVAR, 33kV	20
29			220kV Dondaicha	2 x 10 MVAR, 33kV	20
	Total- II				255
30	Pune	Pune	220kV Jejuri	4 x 10 MVAR, 33kV	40
31			220kV Karkamb	2 x 5 MVAR, 33kV	10
32			132kV Puluji	2 x 10 MVAR, 33kV	20
33			132kV Purundawade	2 x 10 MVAR, 33kV	20
34			220kV Tembhurni	1 x 10 MVAR, 33kV	10
35			132kV Sangola	1 x 10 MVAR, 33kV	10
	Total – III				110
	GRAND TOTAL – PKG-B				525 MVAR

Design, Supply, Installation, Testing & Commissioning of 5MVAR, 10MVAR & 15MVAR Capacitor Banks at EHV Substations as below.					
Name of Package / Zone	No. of Capacitor Banks.			15MVAR 132kV	Total MVAR
	5MVAR, 33kV	10MVAR 33kV	15MVAR 33kV		
PACKAGE – A					
EHV PC O&M Zone, Amravati	07	03	02	0	95
EHV PC O&M Zone, Aurangabad	35	00	00	0	175
EHV PC O&M Zone, Nagpur	22	00	00	02	140
Total No. of Banks (Package –A)	64	03	02	02	410
PACKAGE – B					
EHV PC O&M Zone, Nashik	02	20	03	00	255

EHV PC O&M Zone, Pune	00	11	00	00	110
EHV PC O&M Zone, Karad	14	08	00	00	150
Total No. of Banks (Package –B)	16	39	03	00	515
GRAND TOTAL MVAR OF PACKAGE - A & PACKAGE -B					925

SRM e-Tender No. . T-2201/MSETCL/CO/ED/TRANS.O&M/SE-I/EE-III

(RFx No. 7000024228)

Design, Supply, Installation, Testing & Commissioning of 5MVAR, 10MVAR & 15MVAR Capacitor Banks at EHV Substations.		
Name of work	Estimated Cost in Rs. Lakhs (INCL. GST)	Completion period 12 Months from date of site handing over (Excluding Monsoon i.e. 15th June to 30th Sept)
PACKAGE- A	Rs. 33.30 Core (Incl. GST)	
PACKAGE –B	Rs. 32.28 Core (Incl GST)	

3.0 QUALIFYING REQUIREMENT

In order to be qualified for award of Contract, the bidder will be required to satisfy the following minimum criteria, which will take precedence over any qualifying requirements that may be stated in the specifications or elsewhere in the bidding document. The bidder shall satisfy the following conditions:

Eligibility (Technical Bid): Technical Qualifying Requirements:

1.0	<u>Statutory Requirements:</u>
1.1.1	The bidder or his Joint Venture partner should have a valid Electrical Contractor's License issued by Government of Maharashtra for work of erection/commissioning of EHV equipment.
1.1.2	The bidder should be registered under GST Act.
1.1.3	The lead bidder should be registered under P.F. Act.
Note:	Copies of Certificate should be submitted with bid / offer.
2.0	<u>Minimum Qualifying requirement of the bidder</u>
2.1.	<p>(a) The bidder should be a manufacturer of EHV (132kV/110kV/100kV) and HV Level (33kV) Capacitor Bank having experience of supply, erection, testing & commissioning of Capacitor Banks.</p> <p align="center">OR</p> <p>(b) The bidder should be a manufacturer of EHV (132kV/110kV/100kV) & HV level (33kV) Capacitor Bank having joint venture with EHV EPC/Turnkey Contractor.</p> <p align="center">OR</p> <p>(c) The bidder should be EHV EPC/Turnkey contractor having joint venture with EHV level Capacitor Bank manufacturer for 132kV/110kV/100kV and with HV Level (33KV and above) Capacitor Bank manufacturer for 33 kV.</p> <p align="center">OR</p> <p>(d) The bidder should be EPC/Turnkey Contractor who had commissioned at least one EHV (132kV/110kV/100kV or Above) substation in any of the Power Transmission Utility.</p>

2.2	The bidder defined at clause No.2.1(a), 2.1(b) or his JV partner, 2.1(c) or his JV partner, 2.1(d) should have supplied at least 50% of tender MVAR Quantity (Package A + Package B) of 33kV and above rating capacitor banks in last 5 (Five) years and submit the satisfactory performance of capacitor banks having successful operation from the said quantity for a period of at least 2 (Two) years from the date of commissioning from any Power Transmission Utility.
2.3	The bidder defined at clause no. 2.1(a), 2.1(b) or his JV partner, 2.1(c) or his JV partner, 2.1(d) should have successfully completed erection, testing & commissioning of at least 50% of tender MVAR quantity (Package A + Package B) of 33 kV and above rating capacitor banks in last 5 (Five) years in any Power Transmission Utility and submit the satisfactory performance of capacitor banks having successful operation from the said quantity for a period of at least 2 (Two) years from the date of commissioning from any Power Transmission Utility.
2.4	The bidder (defined at clause No. 2.1 a/b/c/d) should have type tested the offered type of Capacitor units and associated accessories from international or Indian NABL accredited laboratory prior to bidding as per relevant IS / IEC standard. Type test report shall not be older than 10 years.
2.5	The bidder or his JV partner should possess adequate testing facilities for carrying out all Routine & Acceptance Tests as per latest IS 13925 on HV (33kV or Above) / EHV (132kV/110kV/100kV or Above) Capacitors. The bidder shall furnish documentary evidence in support for conducting Routine & Acceptance tests.
2.6	The owner reserves the right to review the bidder's performance in MSETCL or any other Power Utility (66kV and Above) during last five years and may accept / reject the offer in part or full accordingly.
2.7	The bidder is liable for disqualification on account of any of the following reasons- (i) Poor quality and workmanship of the products previously supplied and frequent failures during warranty period as experienced by the purchaser. (ii) Bidder/Principal against whom litigation is in process. (iii) Bidder, who in the opinion of purchaser, has malafide intention in the conduct of business with the MSETCL. (iv) Bidder, who is declared to be defaulter as per the terms and conditions laid down by the company.
2.8	Specific Requirement: - The bidder should have skilled and experienced technical staff for carrying out construction of suitable foundation, Supply, Installation and Commissioning of HV/EHV Shunt Capacitor Bank along with associated equipment. The bidder will have to furnish the details of set up (tools, plants, machineries) available with him to execute such type of work as specified in the tender and will have to bring out the same clearly in his offer.
3	Financial criteria :
3.1	EMD: - EMD in lieu of bid security deposit @1% of estimated cost will have to be paid by the bidder through online mode only. OR The bidder will have to furnish Bank Guarantee of any nationalized/scheduled Bank in prescribed format equivalent to 1% of the cost estimate of works in lieu of bid security deposit payable at Trans O&M Department, Corporate Office, Mumbai at the time of submission of bid documents with validity of 8 months from the date of opening of techno-commercial bids.
3.2	Turnover : The Bidder should have the Minimum Annual Average Turnover* (MAAT) of at least 100% of estimated cost (Package A + Package B) of tender offered in the last three years i.e. 36 months. In case of JV, the members of JV shall individually meet the financial criteria as follows: In case of JV, Lead member shall meet not less than 70% and the other member not less than 45% of the Minimum Annual Average Turnover. Audited balance sheets for the specified last three years duly certified by Chartered

	<p>Accountant only to be submitted.</p> <p>Note- If bids are called between 1st April & 30th September of the year then latest audited financial year shall be a year before previous year for financial criteria.(for e.g. if bids are called between 1st April & 30th Sept. of current year, then latest audited financial year shall be a year before previous year for financial criteria of current financial year)</p>
3.3	<p>Net-worth:</p> <p>The Bidder should have a Net worth of last financial year not less than 25% (Twenty Five Percent) value of tender estimated cost (Package A + Package B). The bidder should submit the statement of Net-Worth duly certified by Chartered Accountant with seal and UDIN.</p>
3.4	<p>The Bidder shall submit undertaking along with bid that, he will submit dedicated revolving line of credit for an amount not less than 25% of the estimated cost of the works from their Bankers before issuance of LOA in case the bidder is qualified L1 bidder. This clause is applicable for tenders with estimated cost more than Rs.100 Crore.</p>
3.5	<p>A declaration to the effect that the Bidder does not anticipate change in his ownership during the proposed period of the work till successful completion of warranty period (If such a change is anticipated, the scope and effect thereof, shall be defined) shall be submitted with the offer.</p>
3.6	<p>In case bidder is a holding company, MAAT and the Net worth referred to in clause 3.2 and 3.3 above shall be that of holding company only (i.e. excluding its subsidiary/group companies)</p>
3.7	<p>In case bidder is a subsidiary of a holding company, MAAT and Net Worth referred to in clause 3.2 and 3.3 above shall be that of subsidiary company only (i.e. excluding its holding company).</p>
4.0	<p>The bidder has to note that no deviation in tender conditions will be allowed after bid submission and no time shall be given in any circumstances after opening of Techno-Commercial bid for submission of documents which are missing with offer.</p>
5.0	<p>Notwithstanding anything stated above, the owner reserves the right to assess the bidder's capability and capacity to perform the work, should the circumstances warrant such an assessment in the overall interest of the owner, and may reject the offer without assigning any reason.</p>

6.0 Special terms and conditions:-

- 6.1** Bidder has to quote total price against estimated cost of Supply, ETC & Civil for each package ie. Package A & Package B based on the detailed price schedule uploaded in the tender document for each packages. The percentage variation in the quoted price and estimated price for Supply, ETC & Civil will be apportioned (uniformly applicable) by MSETCL in the price schedule for each items of Supply, ETC & Civil of respective packages. The bidder has to quote mandatorily for both the packages however price evaluation will be carried out individually Package wise i.e. Package A and Package B. The L1 bidder will be arrived for each package based on the overall quoted price for Supply, ETC & Civil for that package.
- 6.2** As per the order from Ministry of Finance has issued on subject of insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 dated 23/07/2020. Refer the order in attachment and accordingly bidders sharing a land border with India has to do registration with Department for Promotion of Industry and Internal Trade (DPIIT). However, eligible bidder should submit the aforesaid registration documents and if not applicable, the Undertaking is to be submitted along with the bid.
- 6.3** Since, this work is important & critical in nature all the prospective bidders should visit the site to understand the scope of the work, site condition, other constructional issues/ROW, other constraints etc. The bidder has to visit the actual site on the date decided for site visit

and submit the attendance certificate/proof, while submitting the bid with EMD BG. Non submission of proof will be liable for rejection of bid.

- 6.4** The bidder should furnish a legally enforceable Joint Deed of Undertaking duly notarized (Format Enclosed) to guarantee for quality & timely supply of tower material, from the manufacturer who is an approved vendor of MSETCL or PGCIL and have installed tower material manufacturing capacity of at least 10000 MT per year and should have fabricated and supplied at least 1000 MT of EHV transmission line towers cumulatively in last three years of voltage class as mentioned in scope of tender.

7.0 General Points:-

- 7.1** The prices to be quoted against this IFB shall be in Indian Rupees only.
- 7.2** Evaluation of Price Bid and Award of tender will be on quoted price exclusive of GST.
- 7.3** A complete set of documents can be downloaded by the bidder from MSETCL's SRM e- Tendering website <https://srmetender.mahatransco.in>. The cost of bidding documents should be paid online before the date of bid submission and the screen shot of successful payment transaction shall be uploaded with bid documents being submitted by the bidder.
- 7.4** The tender is invited as In-divisible composite works contract on uniform percentage basis. Bidders are requested to quote their offer as single percentage for all portions i.e. Supply, ETC and Civil portion and same percentage will be applicable for each item of price breakup. The tender will be considered as In-divisible composite Works Contract in totality.
- 7.5** The Contract shall be awarded on quoted price exclusive of GST. 100% GST payment shall be made against invoice submission. All other provisions of the tender remain in full force and effect, other than any provision that conflicts with the terms and spirit of this tender, which shall be deemed to be amended appropriately in order to be consistent with clause
- 7.6** The price variation will be applicable as per IEEMA provisions.
- 7.7** Price variation shall be given on Ex-works price mentioned in MSETCL's estimation in price schedules or Bidders quoted Ex-works price whichever is lower.
- 7.8** It may please be noted that the taxes / duties will be paid / reimbursed as per actual OR as stated in price break-up statement whichever is lower on submission of valid documentary proof.
- 7.9** In case of any variation in statutory taxes/duties/levy or any new existing tax/duty/levy is revoked by the Government, the same shall be passed through either side. In certain cases production of valid documentary proof may be brought for.
- 7.10** All the statutory charges/fees for obtaining NOCs from various government department, forest clearances, police protection & TILR charges etc. will be reimbursed to the contractor by owner on valid documentary proof.
- 7.11** The bidders are requested to submit their financial documents (Turnover & Networth certificate) duly audited, verified & certified figures from Chartered Accountant and same

should be generated with UDIN number. So, the same can be verified on <http://udin.icaai.org>.

7.12 Interested bidders may obtain further information, if needed, on our Website <https://srmetender.mahatransco.in> or from the Office of, the Executive Director (Operations), Maharashtra State Electricity Transmission Co. Ltd; 4th floor, Plot No. C-19, 'E'-Block, Bandra Kurla Complex, Bandra (East), Mumbai 400051. Tel No. 022-2659 5000/022-2659 5119/022-2659 5019. **For any query related to tender specification, terms and condition send mail to ee3om@mahatransco.in or contact on Tel.No.022-2659 5119/022-2659 5019.**

7.13 The new bidders are requested to complete the contractor registrations for SRM e-Tendering with MSETCL as per the procedure prior to the date of submission of the tender documents. The bids of only registered main/lead bidders will be entertained. **For any query related to SRM e-Tender registration please mail to srmadmin@mahatransco.in.**

8.0 Bidders are requested to note the dates for purchase, submission and opening of bid documents as below:

a)	Starting Date of downloading	12.08.2022
b)	Price of bid document	Rs. 25,000/- + taxes
c)	Last date and time for submission of bid	12.09.2022
d)	Last date for submission of Queries	26.08.2022
e)	Date and time for opening of techno- commercial bid	12.09.2022
f)	Date and time for opening of price bid of qualified bidders	Will be inform later

Kindly note that, the Pre-bid Queries should be send on Email: edtransmsetcl@gmail.com only in Excel. The queries received after last date of submission of queries will not be entertained. In case the due date for sale, receipt and/or opening of bids happens to be a holiday, the next working day shall be the corresponding due date.

Executive Director (Operations)