

**INVITATION FOR BID (IFB)  
(LOCAL COMPETITIVE BIDDING)**

- 1.0 The Maharashtra State Electricity Transmission Company Ltd., hereinafter referred to as the 'Owner' (MSETCL) invites offers through SRM E-Tendering in TWO bid system (Techno-commercial bid and price bid) from the eligible registered bidders for the following scope on turnkey basis as detailed below.

**SRM E-Tender No. : SP/T-0713/0425 [1<sup>st</sup> Call]  
RFx No. : 7000036107**

Sr. No.	Description of Work	Completion period	Estimated Cost (Rs.)
1	Work of conversion of existing AIS bays to GIS bays at 220 kV Kalameshwar S/s, 220 kV Kanhan S/s, 132 kV Mauda S/s and 132 kV Katol S/s under EHV PC O&M Zone, Nagpur	12 months from date of Handing over of site	<b>107,68,52,503.21 /-</b>

Sr. No.	Particulars	Date & Amount
1	Date and time for sale of bid documents	From 12.04.2025, 10:00 Hrs.
2	Pre-bid meeting Date, Time & Venue	<b>Date:</b> 22.04.2025 <b>Time:</b> 15:00:00 Hrs. <b>Venue:</b> 8 <sup>th</sup> Floor, MSETCL C.O. 'Prakashganga' Plot No. C-19, E-Block, Bandra Kurla Complex, Bandra East, Mumbai, Maharashtra 400051
3	Last date and time for submission of request for amendment/ clarification in the tender	On or before 24.04.25, 17.00 Hrs
4	Last date and time for submission of bids	On or before 13.05.25, 17.00 Hrs
5	Date and time for opening of techno-commercial bid	13.05.2025 at 17.30 Hrs.
6	Date and time for opening of Price Bids of qualified bidders	Will be informed later
7	Price of bid document (SRM E-Tender Fees)	Rs. 25,000 + GST non-refundable (to be paid online)
8	<b>Earnest Money Deposit (EMD) (1% of estimated value of tender inclusive of all taxes)</b>	<b>Rs. 1,07,68,525.03 /-</b>

**Note :**

- a) The tender documents can be downloaded only online from aforesaid website, within period of advertisement of tender. Bidders are requested to note the dates for purchase, Pre-bid meeting, submission and opening of the bids mentioned above
- b) The bidder shall submit their appropriate bids (Technical & Commercial) online, well in advance within due date & time indicated in the RFx. **No extension to bid submission date & time will be given.**

- c) The Techno-Commercial Bid and Price Bid will be opened on SRM e-Tendering portal.
- d) MSETCL will not be responsible for non-submission of bid due to any website related issues.
- e) The Queries received after last date of submission of queries will not be entertained. The queries may be submitted on [ceom@mahatransco.in](mailto:ceom@mahatransco.in), [secpa@mahatransco.in](mailto:secpa@mahatransco.in) or [eegrp8@mahatransco.in](mailto:eegrp8@mahatransco.in).
- f) In case the due date for sale, receipt and/or opening of bid happens to be a holiday, the next working day shall be the corresponding due date.
- g) The tenderer requesting amendment/ seeking clarification in the tender may notify to the purchaser in writing at the Purchaser's mailing address on or before date indicated at Sr. No. 3 above. The Purchaser will respond in writing to any request for clarification of the tender documents, which it receives within the stipulated time. The requests received after stipulated time will not be considered.
- f) After opening of Techno-commercial bid of the tender, during evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The same will be advertised as 'Deviation Bid' on SRM e-tendering portal. The bidder shall note the details in this regard given in clause no. 14.0 of Section-II, Book-I (GTC).
- 2.0 The brief scope of Work of conversion of existing AIS bays to GIS bays at 220 kV Kalameshwar S/s, 220 kV Kanhan S/s, 132 kV Mauda S/s and 132 kV Katol S/s under EHV PC O&M Zone, Nagpur is as under:

Name of Substation	Brief Scope of Works
220 kV Kalameshwar Substation	Supply, ETC and Civil works for conversion of existing AIS 33kV bays into GIS 33kV bays for TF LV bays 03 Nos, outgoing feeder bays 16 Nos, Bus sectionalizer bay 02 Nos, PT bay 02 Nos, station transformer 02. no.
220 kV Kanhan	Supply, ETC and Civil works for conversion of existing AIS 33kV bays into GIS 33kV bays for TF LV bays 02 Nos, outgoing feeder bays 11 Nos, Bus sectionalizer bay 01 No, PT bay 03 Nos, station transformer 01. no.
132 kV Mauda	Supply, ETC and Civil works for conversion of existing AIS 33kV bays into GIS 33kV bays for TF LV bays 03 Nos, outgoing feeder bays 14 Nos, Bus sectionalizer bay 02 No, PT bay 03 Nos, station transformer 01. no.
132 kV Katol	Supply, ETC and Civil works for conversion of existing AIS 132/33kV bays into GIS bays for TF HV bays 04 Nos, TF LV bays -3 nos, 132kV Line bays- 5 nos, 132kV Bus Coupler bay-1 no, 132kV PT bay - 2nos, 33kV outgoing feeder bays - 16 Nos, 33kV Bus sectionalizer bay 02 No, 33kV PT bay 02 Nos, capacitor bank - 1no and Station TF bay- 1 no.

The scope of work given above is only indicative and detailed scope is described elsewhere in the bid documents. Only applicable technical specifications (out of attached documents) as per the scope of works shall be referred to by the bidder.

### 3.0 General Points:

- a) The prices to be quoted against this IFB shall be in Indian rupees only.
- b) The tender is invited on **Item Rate basis** for Supply, ETC, CIVIL at 220 kV Kalameshwar S/s, 220 kV Kanhan S/s, 132 kV Mauda S/s and 132 kV Katol S/s under EHV PCC O&M Zone, Nagpur. The bidder shall quote the overall rate for complete scope of work i.e. all Four [4] substations.

**Note that partial bidding is not permitted and the bidder has to compulsorily bid for all substations considered under scope of work.**

- c) Further, the itemized rate is to be furnished by the bidder as per MSETCL's BOQ for tendered works for all Four [4] S/s in format provided in the bid/ tender document (uploaded as Excel Sheets in Book IV of Tender Document).

The same duly filled and signed shall be uploaded by the tenderer under Item Level 'Notes and Attachments' of the RFX on SRM e-tendering only and is not to be submitted in Physical Form.

- d) For Evaluation of the Tender, the **total price of Supply + ETC + CIVIL works including GST & Duties for complete scope of work i.e. all Four [4] substations shall be considered.**
- e) **It should be noted by the Bidders that, Labour welfare cess at the rate of 1% of total amount of contract (Supply+ETC+Civil) will be deducted from the bills.**
- f) The LOA/work order will be placed on lowest (L1) final accepted price for Supply + ETC+ Civil works for complete scope of works at all Four [4] substations including Labour Cess, GST & Duties.
- g) Bidder should submit all the Schedules duly signed and filled with relevant information.
- h) 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 submission of offer/ response and the screen shot of successful payment transaction shall be uploaded with bid documents being submitted by the bidder.
- i) The tender will be considered as In-divisible Composite Works Contract in totality.
- i) The Contract shall be awarded on quoted price inclusive Labour Cess, GST & Duties. 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.
- j) The price variation will be applicable as detailed in Clause No. 8.3 of Book-I of tender document.
- k) 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 sought for.

- l) All the statutory charges/fees for obtaining NOCs from various government department, forest clearances, police protection & TILR charges etc. if required, will be reimbursed to the contractor by owner on submission of documentary evidence.
- m) The quantities for supply, ETC and Civil items are tentative and may vary. Actual materials and quantities to be supplied are to be worked out on detailed engineering. Any “extra item” that may be essential and required for completion of project, shall be supplied by the bidder along-with its ETC and required civil work. The rate of extra item(s) shall be calculated based on latest available purchase order in last two years with MSETCL, latest SoR, the rate quoted by the bidder for this tender and through budgetary offer. The lowest of these rates will be considered. The Extra item should not be more than 05% of Work Order Value.
- n) The price variation will be applicable to the items as indicated in clause no. 8.3 of Section-I (GTC), Book-I. Price variation shall be given on Ex-works price mentioned in MSETCL’s estimation in price schedules or bidder’s quoted ex-works price whichever is less.
- o) 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.
- p) In tender Book -IV i.e. Price Estimate of work, the Freight & Insurance and Labour Cess is included in the Ex-Works price of the item(s) unless mentioned separately. Bidder will have to denote F&I and Labour Cess separately for each item in price schedule.
- r) 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 that the same can be verified on <http://udin.icai.org>.
- s) 'The tenderer may visit the site for joint site survey to have clear understanding of scope of works before submission of bid so as to avoid subsequent discrepancies / deviations in respect of work to be executed. The same is not mandatory.
- t) Interested bidders may obtain further information, if needed, on our Website <https://srmetender.mahatransco.in> or from the Office of, the Chief Engineer (CPA), Maharashtra State Electricity Transmission Co. Ltd. ‘Prakashgad’, 1<sup>st</sup> floor, Plot No. G-9, Anant Kankar Marg, Bandra (East), Mumbai 400051. Tel No. 022-69852740/69852711.
- u) The new bidders are requested to complete the supplier registrations for SRM e-Tendering with MSETCL as per the procedure indicated on the website well in advance to the date of submission of the tender documents. Note that MSETCL shall not be responsible for any delay in bid submission due to non-registration of supplier on SRM e-tendering portal. The bids of only registered main/lead bidders will be entertained.

## Qualifying Requirements

Cl. No.	QUALIFYING REQUIREMENT
<b>1.1</b>	<b>STATUTORY QUALIFYING CRITERIA</b>
1.1.1	The bidder or his associate should have a valid Govt. Electrical Contractor's License.
1.1.2	The lead bidder should be registered under GST. The Bidder shall submit the copy of GST returns of last 01 (One) year. The Bidder shall submit the Income Tax returns for the last 3 (Three) Financial years.
1.1.3	The lead bidder should be registered under P.F. Act.
<b>1.2</b>	<b>TECHNICAL QUALIFICATION CRITERIA</b>
1.2.1	<p><b>a)</b> The Bidder must have manufactured, type tested and supplied GIS equipments to complete atleast one (1) no. of Gas Insulated Substation (having 02 Nos. of ICT\TF bays and 06 Nos. EHV bays) of 132 kV or above voltage class during last seven (07) years <b>in single order</b> and this Substation must be in satisfactory operation for at least one (01) year as on the scheduled date of bid opening.</p> <p><b>b)</b> The Bidder should have executed the below mentioned turnkey works in last seven (07) years:            (I) Minimum 01 (one) no. of 132 kV or above EHV GIS/AIS Substation with EHV Power Transformers in single order having at least 05 (five) Nos. of EHV GIS/AIS Bays.            The above mentioned work must be in satisfactory operation for one (01) year as on scheduled date of Bid opening.            Note:            1. The substation constructed on turnkey basis with owner's supply of Transformer will also be considered.            2. The voltage level of 110 kV &amp; 100 kV will be considered in equivalence of 132 kV.</p> <p><b>c) For Line works:</b> The bidder should have constructed (including tower foundation, tower erection and stringing) 132 kV or above <b>D/C</b> Transmission line of route length at least 50% of route length mentioned in the scope of this tender in single order.            The above 132 kV or above EHV line must be in satisfactory operation for one (01) year as on scheduled date of Bid opening.</p>
1.2.2	In case, the Bidder is an Indian GIS manufacturer not meeting the requirement stipulated in clause 3.2.1 (a) above, but has established manufacturing and testing facilities in India for 132 kV or above voltage level Gas Insulated Switchgear (GIS) in last 7 (seven) years, he shall also be considered, provided he meets the following requirements :

	<p>a) The bidder must have manufactured, type tested and supplied at least (04) four no. of GIS Circuit Breaker bays at 132 kV level, provided further that his Joint Venture or Consortium partner or Collaborator(s) meets qualifying requirements as per clause 3.2.1 (a) above.</p> <p style="text-align: center;">OR</p> <p>The bidder must have manufactured at least (02) two 132 kV or above voltage level GIS Circuit Breaker bay based on the technological support of the Collaborator(s) and the bidder either should have supplied or should have type tested the above GIS bay (As per IEC or equivalent standard) as on the scheduled date of bid opening, provided further that the collaborator(s) of the bidder meets qualifying requirements as per clause 3.2.1 (a) above.</p>
	<p>b) The Bidder shall submit his bid in Joint Venture/ Consortium with erector who must have an experience as per 3.2.1 (b).</p>
	<p>c) A legally enforceable undertaking (with GIS manufacturer) to guarantee quality, timely supply, performance and warranty obligations as specified for the equipment(s) shall be submitted along with the bid.</p>
	<p>d) A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply 132 kV or above voltage level GIS equipment in India shall be submitted along with the bid.</p>
1.2.3	<p>The C&amp;R Panels and SCADA system for Protection and Automation purpose shall be supplied from the approved vendors of MSETCL and as per specifications of MSETCL.</p>
1.2.4	<p>The bidder should submit the user's certificate for successful commissioning and satisfactory operation for executed works, indicating commissioning date of the work with detail work order copy.</p> <p>The Experience certificate should be issued by the officer of the rank of Executive Engineer or equivalent / above from any of the State Power Utilities/ Central Power utilities/ or the private companies working in the Power sector.</p>
1.2.5	<p>The GIS manufacturers having experience at <b>3.2.1 (a)</b> above can participate in only one bid by the way of either as Individual Bidder or in Consortium/Joint Venture or can provide Manufacture Authorization to EPC bidders.</p> <p>Note:</p> <p>1] In case GIS manufacturer opts to participate as sole bidder in this tender, he cannot give MAF to other EPC bidder.</p> <p>2] In case of MAF, the GIS OEM can give <b>multiple MAF</b> for this tender.</p>

1.2.6	<p>a) The bidder shall submit the consent letter to furnish Execution Support Bank Guarantee for an amount of 10% (Ten) of the ex-works cost of such GIS equipment. This Bank Guarantee shall be furnished within Thirty (30) days of Notice of Award of Contract/Letter of Award, either from GIS manufacturer or bidder. This Execution Support Bank Guarantee shall be valid till ETC of all the GIS equipment at site as per scope of tender. (This Execution Support Bank Guarantee shall be in addition to Contract Performance Bank Guarantee to be submitted by the bidder.)</p> <p>b) The bidder shall submit the undertaking from GIS equipment manufacturer to extend technical support for the supplied GIS equipment for at least 10 (ten) years with assurance for timely supply of spares.</p>
1.2.7	<p>The Bidder who is not a Manufacturer shall submit the confirmation letter from the Manufacturer regarding "Technical and Expert support for Design, Supply, Erection, testing and Commissioning of above equipment and for after sale support for GIS Switchgear in India &amp; the defect liability for any defect including spares &amp; services for 05 (five) years from the date of commissioning.</p>
Note:	<p>Type Test conditions of GIS:</p> <p>a) The GIS of offered voltage class should have been successfully type tested in the any accredited laboratories and as per IEC (as per IEC 62271-203) standards.</p> <p>b) The complete List of type tests carried out as per latest IEC shall be submitted with the offer, quoting reference of IEC clauses, test description / details and date of testing along with the detailed copies of the Type test reports.</p> <p>c) All type tests on the GIS of offered voltage class and accessories should have been conducted successfully as on the scheduled date of opening of the bid. Provided there should not be any change in design of GIS equipment in between type test and schedule date of bid submission.</p> <p>d) The validity of type test certificate will be considered up to 15 (fifteen) Years (as per prevailing CEA guidelines) provided there is no change in design of GIS equipment.</p>
<b>1.3</b>	<b>FINANCIAL QUALIFYING CRITERIA</b>
1.3.1	<p>The Average Annual Financial Turnover of the bidder during the last three Financial Years shall not be less than 60% of the estimated cost of Tender. The bidder should submit the Turnover certificate duly certified by Chartered Accountant along with UDIN (Unique Document Identification Number).</p>
1.3.2	<p>The Bidder should have Net worth (which is defined as “Equity share capital + Reserves – Revaluation reserves – intangible assets – Miscellaneous expenditure to the extent not written off and carry forward losses”) of not less than 25% (Twenty-Five Percent) value of estimated cost of tender offered. The bidder should submit the Net-worth certificate for last Financial year duly certified by Chartered Accountant along with UDIN (Unique Document Identification Number).</p>

Note:	<p>1) In case bidder is a holding company, the Financial Position criteria referred to in clause 3.3 above shall be that of holding company only (i.e. excluding its subsidiary / group companies if any). In case bidder is a subsidiary of a holding company, the Financial Position criteria referred to in clause 3.3 above shall be that of subsidiary company only (i.e. excluding its holding company).</p>
	<p>2) The duly audited, verified &amp; certified figures from Chartered Accountant will be considered for Annual Turnover &amp; Net worth. <b>The provisional certificates (if any) will not be entertained.</b></p>
1.4	<b>IN CASE OF JOINT VENTURE / CONSORTIUM (Two Partners)</b>
1.4.1	<p>The principal (lead) bidder who desire to bid against this specification may submit the offer jointly by entering into a legally valid JV agreement subject to fulfilment of following requirements:</p> <p>a) The bid, and in case of a successful bid, the Contract Agreement shall be signed so as to be legally binding on all the partners.</p> <p>b) Both partners of the Joint Venture / Consortium shall be jointly and severally liable for execution of the contract in accordance with the Contract terms.</p>
1.4.2	<p>Both partners of the Joint Venture / Consortium shall meet collectively the financial criteria given at 3.3 above. However, the minimum average annual turnover of each Joint Venture / Consortium partner(s) individually shall not be less than 25% of the tender estimated value.</p>
1.4.3	<p>1) Each individual partner of Joint Venture / Consortium shall meet the minimum technical experience as per <b>3.2.1 (a) or 3.2.1 (b)&amp;(c) or 3.2.2</b> as above subject to fulfilment of remaining qualifying criteria jointly by all the partners.</p> <p>2) However, if EPC bidder is directly participating then the lead bidder having experience of criteria mentioned at 3.2.1 (b) can participate through JV/Consortium having experience criteria at 3.2.1 (c) or vice versa with availing MAF from GIS manufacturer who meeting the clause 3.2.1 (a).</p>
1.4.4	<p>The lead partner shall be authorized to be in charge and this authorization shall be evidenced by submitting a duly registered/ notarized power of attorney signed jointly by legally authorized signatories of all the partners.</p>
1.4.5	<p>A copy of agreement entered into by the Joint Venture / Consortium partners as per format enclosed with bidding documents, shall be submitted with the bid.</p>



1.5	<b>Schedules &amp; Bank Guarantee</b>
1.5.1	Bidders are requested to submit original colour scan copy of duly signed/sealed schedules as per format enclosed with bidding documents in support of qualifying requirements.
1.5.2	The bidder shall be required to furnish Bid Security Deposit (BSD) for an amount equal to 1% (one percent) of the estimated cost of tender in the form of Bank Guarantee from Scheduled Commercial/Nationalized Bank as per format enclosed with bidding documents along with the offer. The validity of Bank Guarantee should be at least for Six (06) months from the scheduled date of techno-commercial bid opening. The Bank Guarantee shall be payable at Mumbai only.

- a) **Networth, Turnover, Balance Sheet etc. certificates signed by Chartered Accountant which are submitted with Response to this tender must have Unique Identification Number on certificates as per guideline issued by Institute of Chartered Accountants, so as to verify online.**
- b) **If bids are called between 1st April and 30th September of the year, then latest audited financial year shall be a year before the previous year for financial criteria.**
- c) **For the bids called after 1st October then the latest audited financial year shall be the previous financial year of the current financial year.**
- d) **In case of a fractional number, rounding off to be done to the nearest unit i.e. in case of fraction between 0 to 0.49 it should be rounded off to 0 & in case of fraction between 0.5 to 0.99 it should be rounded off to 01.**

For detailed information please log on to [www.mahatransco.in](http://www.mahatransco.in) and MSETCL's SRM e-Tendering website. Interested bidders may obtain further information, if needed, from the office of the Chief Engineer(CPA), Maharashtra State Electricity Transmission Co. Ltd., Plot No. G-9, Anant Kanekar Marg, Prakashgad, 1<sup>st</sup> Floor, Bandra (E), Mumbai : 400 051.

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Chief Engineer (CPA)