REVISED INVITATION FOR BID (IFB)
(LOCAL COMPETETIVE 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 similar projects in transmission sector on turnkey basis for work of Upgradation of 132/33kV Mhasrul s/s into 220 kV (GIS)/ 132 kV (AIS) / 33 kV level, Dist.- Nashik, MSETCL Maharashtra.

2.0 Scope of Work:-

1	2 x 200 MVA, 220/132 kV ICT with GIS HV & AIS LV bays.
2	2 x 220kV GIS line bays at proposed 220kV Mhasrul s/s.
3	2 x 220kV GIS PT bay at proposed 220kV Mhasrul s/s.
4	1 x 220kV GIS Bus - Coupler bay at proposed 220kV Mhasrul s/s.
5	2 x 220kV GIS line bays at 400kV Pimpalgaon (Sarole) s/s.
6	2 x 132 kV AIS line bay at proposed 220kV Mhasrul s/s.
7	220kV DC line from LILO pt. loc.34 of 220 kV Eklahare (OCR) - Navsari to proposed 220 kV Mhasrul s/s on MC Monopoles in existing 132kV DC Takli Line corridor - 11.626 km (using 0.4 ACSR conductor for 220kV DC line – 11.626 km & HPC conductor for 132kV DC line stringing – 11.626 km).
8	220kV DC line on DC towers from 220kV Eklahare (OCR) – Navsari LILO point to 400kV Pimpalgaon (Sarole) s/s - 38.099 km using 0.4 ACSR conductor.
9	132kV DC line on DC Monopole by making LILO on 132kV Adgaon-Raymond SC line at proposed 220/132kV Mhasrul s/s - 2.825 km using HPC.

SRM e-Tender No. T-2553/MSETCL/CO/Projects/Pre-Tender (RFx No. 6000001426)

Name of Work	**Estimated Cost in Rs.**	**Completion period from date of site handing over**
Upgradation of 132/33kV Mhasrul s/s into 220 kV (GIS)/ 132kV (AIS)/ 33 kV level, Dist.- Nashik.	Rs. 1,87,27,03,703.63 (Excluding GST)	**15 Months (Including Monsoon Period)**

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:

Cl. No.	QUALIFYING REQUIREMENT
3.1	**STATUTORY QUALIFYING CRITERIA** **Statutory Licences/Registration**
3.1.1	The bidder or his associate should have a valid Govt. Electrical Contractor's License.
3.1.2	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.
3.1.3	The lead bidder should be registered under P.F. Act.
3.2	**TECHNICAL QUALIFICATION CRITERIA**
3.2.1	**a)** 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 220 kV or above voltage class during last seven (07) years **in single order** and this Substation must be in satisfactory operation for at least one (01) year as on the scheduled date of bid opening.
	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. In addition to above - (II) The Bidder must have an experience of Supply, erection, testing & commissioning of work as given below: Atleast 04 (four) no. of 220 KV bays, out of which minimum required 1. ICT/TF with Bays - 02 Nos. 2. Line Bays - 02 Nos. **Note:** Bidders having prior experience of **220 kV and above** GIS/AIS substations meeting the requirement under Clause (I) are **exempted from fulfilling Clause (II)**. (The substation constructed on turnkey basis with owner's supply of Transformer will also be considered.) **c) Line Part:** The bidder should have constructed in last seven (07) years (including supply, foundation, erection and stringing) 220 kV or above D/C Transmission line of route length at least 50% of route length mentioned in the scope of this tender in single order using EHV transmission line Monopoles of at least 50% of tender quantity. **Note:** In this tender experience of at least 6 km route length with at least 7 nos. of Monopoles required.

3.2.2	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 220 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 :
	a) The bidder must have manufactured, type tested and supplied at least (04) four no. of GIS Circuit Breaker bays at 220 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. OR 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.
	b) The Bidder shall submit his bid in Joint Venture/ Consortium with erector who must have an experience as per 3.2.1 (b & c).
	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.
	d) A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply 220 kV or above voltage level GIS equipment in India shall be submitted along with the bid.
3.2.3	The C&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.
3.2.4	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. 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.
3.2.5	The GIS manufacturers having experience at **3.2.1 (a)** 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. Note: 1] In case GIS manufacturer opts to participate as sole bidder in this tender, he cannot give MAF to other EPC bidder. 2] In case of MAF, the GIS OEM can give **Multiple MAF** for this tender. (However, EPC bidder has to submit only MAF from any one GIS OEM.)

3.2.6	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.) 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.
Note:	Type Test conditions of GIS: 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. 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. 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. 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.
3.3	**FINANCIAL QUALIFYING CRITERIA**
3.3.1	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).
3.3.2	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).
Note:	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).
	2) The duly audited, verified & certified figures from Chartered Accountant will be considered for Annual Turnover & Net worth. **The provisional certificates (if any) will not be entertained.**
3.4	**IN CASE OF JOINT VENTURE / CONSORTIUM (Two Partners)**

3.4.1	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: 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. 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.
3.4.2	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.
3.4.3	1) Each individual partner of Joint Venture / Consortium shall meet the minimum technical experience as per – [i] 3.2.1(a) OR 3.2.1(b)&(c) / [ii] 3.2.1(b)&(c) OR 3.2.2 as above subject to fulfilment of remaining qualifying criteria jointly by all the partners. 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)/3.2.2.
3.4.4	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.
3.4.5	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.
3.5	**Schedules & Bank Guarantee**
3.5.1	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.
3.5.2	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. The Stamp Duty should be paid in Maharashtra, as applicable. Note: Any bid not accompanied by the requisite bid security shall be rejected as non-responsive in accordance with provisions of the bidding document.

4.0 Special terms and conditions:-

4.1 Bidder shall refer the order from Ministry of Finance issued on subject of insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 dated 23/07/2020 and amendment dtd. 23.02.2023 and accordingly bidders 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.

4.2 The bidder shall also meet following qualifying requirement criteria for monopole or shall submit MAF from monopole manufacturer meeting following qualifying requirement:
The manufacturer should have experience, as mentioned at (i) & (ii) below:
(1) The Manufacturer should be an approved vendor of MSETCL or PGCIL and should have fabricated and supplied at least 20 numbers or 50% of tender quantity of EHV transmission line Monopole (of tendered voltage class or higher voltage class) whichever is higher, cumulatively in last 5 years.
(2) The Manufacturer should have designed in-house the Monopole of tendered voltage class or higher voltage class. Further, the manufacturer should have type tested the similar Monopole in any NABL accredited Test Bed in India or in internationally accredited Test Bed (accreditation based on ISO/IEC vide 25/17025 or EN 45001 by the National accreditation body of the country where Test bed is located, please refer Annexure -I in Tech spec.). Similar means Highest degree for the tendered voltage or higher voltage class Monopole**(**Higher voltage class Monopole with any degree, which should have earlier type tested in any NABL accredited Test Bed in India or in internationally accredited Test Bed (accreditation based on ISO/IEC vide 25/17025 or EN 45001 by the National accreditation body of the country where Test bed is located, please refer Annexure -I in Tech spec.) will be considered for participation in tender.

4.3 Bidder shall submit an undertaking for supply of HPC conductor that, the material will be supplied from approved vendors of MSETCL as required for the scope of work, meeting the technical requirements as specified in Book-II Tech spec.

5.0 General Points:-

5.1 The prices to be quoted against this IFB shall be in Indian Rupees only. **To accommodate technical requirements, the total cost of the project as an item in RFx have been converted from "Rs." (Indian Rupees) to "Rs. in Lakhs" (Indian Rupees in Lakhs). For example, if an item previously cost Rs. 1,00,000, it will now be represented as Rs. 1.00 Lakhs in the RFx."**

5.2 Evaluation of Price Bid and Award of tender will be on quoted price exclusive of GST. **Also, EMD BG is to be submitted on exclusive of GST tender cost. The stamp duty should be paid as per Maharashtra Stamp Act.**

5.3 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.

5.4 The tender is invited on an Item Rate Basis. Bidders are requested to submit their offers item-wise for all portions, including Supply, ETC (Erection, Testing, and Commissioning), and Civil works. Bidder must upload the price breakup for each item in provided excel sheet in the Price Bid Documents Section in the SRM System. The tender will be treated as an Indivisible Composite Works Contract in its entirety.

5.5 However, the completion period for the work i.e. Substation/Lines/End bay will be consider separate and accordingly, Time Limit Extensions, Extra items, Short closure &

Completion will be dealt separately as per Book-I.

5.6 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

5.7 The 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. The start date for the price variation calculation will be considered as three months after the last date of bid submission.

5.8 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.

5.9 The circular for Clarification on Price Variation calculations & Direct Online Payment of Land (RoW)/Crop/Tree Compensation to land owners/farmers from MSETCL account is applicable. (Please refer circular no. 2079 dtd. 22.03.2022 & circular no. 2645 dtd. 08.04.2022 attached in tender documents).

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 submission of document evidence.

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, the bidder shall supply the same 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/SoR, considering the rate quoted by the bidder for this tender OR through budgetary offer.

5.10 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.

5.11 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.

5.12 In tender Book –V i.e. Price Estimate, 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 L. Cess separately for each item in price schedule.

5.13 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.icai.org.

5.14 Interested bidders may obtain further information, if needed, on our Website https://srmetender.mahatransco.in or from the Office of, the Chief Engineer (Contracts & Monitoring), Maharashtra State Electricity Transmission Co. Ltd; 5th floor, Plot No. C-19, 'E'-Block, Bandra Kurla Complex, Bandra (East), Mumbai 400051. Tel No. 2659 5000 (Extn. No. 5163/5124) Fax No. (022) 26598587/26598590.

5.15 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.

5.1 Additional Instructions for Price Bid Submission:-

The MSETCL tender is invited on an Item Rate Basis. Bidders are requested to submit their offers item-wise for all portions, including Supply, ETC (Erection, Testing, and Commissioning), and Civil works following instructions below-

1. **Download the BOQ Excel File**:
   - Download the BOQ (Bill of Quantities) Excel file(s) for all parts (viz. Supply, ETC & Civil).
   - **Important:** Price bids must be submitted in the Excel file(s) attached in the RFx. Do NOT create a new file. Any mistake (intentionally or unintentionally) in submitting the price bid may lead to disqualification.
2. **Review the BOQ**:
   - Carefully review the BOQ. Each item will be listed with a detailed description, quantity, and unit of measurement.
3. **Filling the BOQ Excel Sheet**:
   - Fill in the Ex-Works Price (including Labour Cess) column for each item.
   - Ensure that your pricing excludes GST only, as the contract will be evaluated and awarded based on the quoted price exclusive of GST.
4. **BoQ Excel Sheet Guidelines**:
   - Only fill in the cells designated as editable. The rest of the cells are locked and must not be modified.
   - Enter the required data ensuring that all items are accounted for, and prices are entered for each item.
   - **Important:** None of the price fields should be left blank or set to zero. If the price for any item is left blank or set to zero, it will be considered as free to MSETCL, and the bidder must still execute and provide that item.
5. **Uploading the BOQ Excel File**:
   - After filling in all the required data, save the Excel sheet without altering any locked cells or creating new files.
   - Upload the completed BOQ Excel file in the Price Bid Section ONLY. Refer to the sample screenshot attached in the tender documents for guidance.
6. **Compliance**:

- Any manipulation or non-compliance with these guidelines may lead to the disqualification of the bid. Ensure that the instructions are followed meticulously to avoid disqualification.

7. **Final Check**:
   - Before submitting, double-check the filled Excel sheet to ensure all prices are entered, and no mandatory fields are left blank or set to zero.
   - Verify that no modifications have been made to locked cells and that the file format remains unchanged.
8. **Submission**:
   - Submit the filled Excel sheet in the designated section (Price Bid) of the SRM System as instructed.
   - The Price Bid quoted in the SRM system should match the price bid uploaded in the Excel format. For bid evaluation and award purposes, the price quoted in the SRM RFx will be considered.
   - In case of a discrepancy between the price quoted in the SRM RFx and the uploaded Excel file, the bidder must submit an Excel file of the price bid matching the quoted price in the SRM RFx within 03 (Three) days from the date of price bid opening. Non-compliance may lead to rejection of the bid and further processing as per MSETCL policy.
   - Convert the completed Excel file into a PDF document. Ensure that the prices in the PDF match those in the Excel file. **Submit this PDF, duly stamped, along with the Excel file in price bid section only.** This PDF shall be treated as a price break-up.

9. **Responsibility for Accuracy of Price Bid (Excel BOQ & SRM Quote)**
   - Bidders shall ensure the correctness of all arithmetic calculations, cell references, and formula links in the price bid before submission. The bidders must verify all visible data, totals, and values for accuracy.
   - If any error, discrepancy, or unintended formula linkage is noticed before bid submission, the bidder shall promptly notify MSETCL in writing.
   - Any unreported or unnoticed discrepancy shall be treated as a typographical or clerical error, and no responsibility shall lie with MSETCL. It shall be the bidder's sole responsibility to ensure correctness before submission.
   - The amount quoted in the SRM system shall be treated as final and binding, and the bidder shall submit a revised Excel BOQ accordingly, as stated in Clause No. 8 above**.**

10. **Instructions to Refrain from Quoting Imbalanced Rates:**
    - **Balanced Pricing Requirement:** Bidders must ensure that their quoted prices for Supply, ETC, and Civil works are balanced and reflect realistic market rates. Imbalanced pricing, where one part of the work is significantly under/over quoted compared to the others, is not acceptable.
    - **No Cross-Subsidization:** Bidders should not artificially lower the price of one component while inflating the price of another component. Each part of the bid must have transparent and justifiable pricing based on its own basis.
    - **Proportionality Check:** The prices for Supply, ETC, and Civil works should be in reasonable proportion to each other, reflecting the actual costs involved in each

portion. MSETCL reserves the right to assess and conduct a detailed analysis of the submitted bids to verify the consistency and appropriateness of the quoted rates and MSETCL will have discretion to reject bids that show significant discrepancies between these components.

NOTE: MSETCL reserves the right to check the price bid file(s) after the opening of the price bids and may reject any bid that has not followed the above instructions. MSETCL also reserves the right to request clarification on pricing details. Adherence to these guidelines is crucial for the successful bid submission.

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

a)	Starting Date of downloading	17.10.2025
b)	Price of bid document	Rs. 25,000/- + Taxes
c)	Last date and time for submission of bid	17.11.2025 at 13.00 Hrs.
	Revised Last date and time for submission of bid	**24.11.2025 at 13.00 Hrs.**
e)	Date for pre-bid meeting	28.10.2025 at 15.00 Hrs.
d)	Last date for submission of Queries	30.10.2025 at 17.00 Hrs.
f)	Original Date and time for opening of techno-commercial bid	17.11.2025 at 15.00 Hrs.
	Revised Date and time for opening of techno-commercial bid.	**24.11.2025 at 15.00 Hrs.**
g)	Date and time for opening of price bid of qualified bidders	Will be informed later

Kindly note that, the Pre-Bid Queries received after last date of submission of queries will not be entertained. Submit your queries on ee13prj@mahatransco.in only. 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.

Chief Engineer (Projects)