

**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 similar projects in transmission sector on turnkey basis for work of Establishment of 400/220 kV substation at Nandgaon Peth Dist., Amravati along-with associated transmission lines under Amravati Zone MSETCL, Maharashtra.

**2.0 Scope of Work :-**

Sr. No.	Particulars
1	<p><b>A. 400/220 kV Nandgaon Peth Substation Part:</b></p> <ol style="list-style-type: none"> <li>1. 2 X 500 MVA, 400/220 kV ICTs (comprising 7 X 167 MVA units including Spare Phase unit with RRS) with one and half breaker bus arrangement.</li> <li>2. 1 X 125 MVAR Reactor.</li> <li>3. 2 X 400 kV line bays at 400 kV Nandgaon Peth S/Stn.</li> <li>4. 2 X 400 kV Tie Bays at 400 kV Nandgaon Peth S/Stn.</li> <li>5. SCADA, PLCC &amp; FOTE at 400 kV Nandgaon Peth S/Stn.</li> <li>6. 4 X 220 kV end bays at 400 kV Nandgaon Peth S/Stn.</li> <li>7. 2 X 220 kV end bays at 220 kV Anjangaon S/Stn.</li> <li>8. 2 X 220 kV end bays at 220 kV Nandgaon Peth S/Stn.</li> <li>9. Provision for 3 X 400 kV Dia for future scope - gantry structure and Bus extensions is considered at present.</li> <li>10. CCTV (closed-circuit television) system for 400 kV Substation.</li> </ol>
2	<p><b>B. 400 / 220 kV Lines Part:</b></p> <p><b>a. Source Lines:</b></p> <ol style="list-style-type: none"> <li>i. LILO on 400 kV Koradi - M/s RIPL, Nandgaon Peth SCSC Line of Route Length - 6.544 km with 48F OPGW and replacement of existing earth wire by 48 Fibre OPGW of 400 kV line from LILO point of 400 kV Nandgaon Peth S/Stn to 400 kV M/s RIPL, Nandgaon Peth S/Stn of Route Length @ 11 km.</li> </ol> <p><b>b. Down Stream Lines:</b></p> <ol style="list-style-type: none"> <li>i. 220 kV DCDC Line with high ampacity conductor from 400 kV Nandgaon Peth S/Stn to 220 kV Nandgaon Peth S/Stn of Route Length - 3.071 km and replacement of earth wire by 48 Fibre OPGW @ 31 km.</li> <li>ii. 220 kV DCDC Line from 400 kV Nandgaon Peth S/Stn to 220 kV Anjangaon Stn of Route Length - 69.26 km. (DC on DC @ 64.2 km and DC on MC @ 5.06 km).</li> </ol>

**SRM e-Tender No. T-2455/MSETCL/CO/Projects/Pre-Tender (RFx No. 6000001236)**

<b>Name of S/S</b>	<b>Estimated Cost in Rs. Lakhs</b>	<b>Completion period from date of site handing over (Excluding Monsoon i.e. 15/06 to 30/09)</b>
400/220 kV Substation at Nandgaon Peth Dist., Amravati.	<b>Rs. 2,42,96,35,638.39 Excluding GST</b>	18 Months (including 12 months for 400 kV line and 18 months for 400 kV SS & 220 kV lines)

**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:

**3.1 Technical Qualifying Criteria**

3.1.1 MSETCL invites bid through SRM e-Tender in two bid system from eligible bidders in India. The bidder should have, in last 5 years executed the work on turnkey basis including civil works, supply of equipments, erection, testing & commissioning as mentioned at **(A) AND (B) both.** The bidder having experience, only of criteria mentioned at (A) can participate through JV/Consortium along-with collaborator having experience criteria at (B) and vice-versa.

**(A) For Substation works-**

- (i) Minimum one no. of 400/220 kV or above voltage class substation (in single order) having scope of work as: Atleast 6 no. of 400 kV bays, out of which minimum required (a) ICT with Bays - 2 Nos. and (b) Line Bays - 2 Nos.

OR

- (ii) Minimum one no. of 220/132 kV substation (in single order) having scope of work as: Atleast 6 no. of 220 kV bays, out of which minimum require (a) ICT with Bays - 2 Nos. and (b) Line Bays - 2 Nos.

In addition to above standard scope of work the bidder should also have completed the work of minimum 4 no. of 400 kV bays, out of which 1 Bay should be of ICT with ET&C experience of ICT.

**(B) For Line works-**

- (i) The bidder should have constructed 400 kV Tr. Line (including tower foundation, tower erection and stringing) at least S/C Tr. Line of route length 50% of route length mentioned in the scope of this tender in single order and of voltage class equivalent or above than the voltage class as mentioned in scope of tender.

**Note:**

1. The bidder should submit the user's certificate for successful commissioning of substation and line constructed indicating commissioning date of the work with detail work order copy.
2. The substation constructed on turnkey basis with owner's supply of ICT will also be considered as bidder's experience provided rest of materials for the substation are supplied by the bidder with its erection and allied civil works.
3. The voltage level of 110 kV & 100 kV will be considered in equivalence of 132 kV. Similarly, the voltage level of 22 kV will be considered in equivalence of 33 kV.
4. **The bidder should shall furnish a legally enforceable Joint Deed of Undertaking duly notarized (Format Enclosed) from the manufacturer who is an approved vendor of MSETCL or PGCIL and have installed tower material manufacturing capacity of at least 30,000 MT per year and should have fabricated and supplied at least 5000 MT of EHV transmission line towers cumulatively in last three years of voltage class equivalent or above than the voltage class as mentioned in scope of tender, to guarantee for quality & timely supply of tower material.**
5. The original colored scan copy should be uploaded as bid documents in support of Technical Qualifying Criteria. The Attested/Notarized photocopies of the same will not be entertained. Detailed communication address, e-mail ID & contact numbers of end users should be furnished for cross verification.

**3.2 Eligibility:**

- 3.2.1 As a part of risk management process, maximum number of EHV AIS substation works awarded / at hand to one agency shall be limited to three (03) only. However, the Risk & Cost works and substation works having progress more than 75% (Total Civil + Electrical) will not be counted. Further, substation works completed above 75% should not be stuck-up projects.
- 3.2.2 Performance Bank Guarantee will be doubled for more than two (02) substation works. Substation works having progress more than 75% (Total Civil + Electrical) will not be counted.
- 3.2.3 The owner reserves the right to accept / reject the Bid.

**3.3 Statutory Qualifying Criteria**

- 3.3.1 The bidder or his associate should have a valid Govt. Electrical Contractor's License.
- 3.3.2 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.
- 3.3.3 The lead bidder should be registered under P.F. Act.

**Note:** The original colored scan copy should be uploaded as bid documents in support of Statutory Qualifying Criteria i.e. Statutory Licenses / Registration. The Attested/Notarized photocopies of the same will not be entertained.

### **3.4 Financial Qualifying Criteria**

- 3.4.1 The average annual turnover of the bidder during last three financial years should be not below than 60% of estimated cost.
- 3.4.2 The bidder should have a 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 statement of Net worth duly certified by Chartered Accountant for the last financial year.

- Note:** 1. The original colored scan copy should be uploaded as bid documents in support of Financial Qualifying Criteria. The Attested/Notarized photocopies of the same will not be entertained.
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.

### **3.5 In Case of Consortium**

- 3.5.1 The principal (lead) bidder who desire to bid against this specification may submit the offer jointly with erection contractor /equipment manufacturer by entering into a legally valid agreement subject to fulfilment of following requirements.
- The bid, and in case of a successful bid, the Contract Agreement shall be signed so as to be legally binding on both partners.
  - Both partners of the consortium shall be jointly and severally liable for execution of the contract in accordance with the Contract terms.
- 3.5.2 Each consortium partner should individually satisfy 100% technical qualifying criteria at 3.1 (A) or 3.1 (B) and 3.4 are jointly fulfilled by both members.
- 3.5.3 The number of partners in a consortium should not be more than two, including the lead partner.
- 3.5.4 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 both partners.
- 3.5.5 A copy of agreement entered into by the consortium partners as specified in enclosed format shall be submitted with the bid.
- 3.5.6 The bid document should have been purchased and submitted by the Lead Partner only.

### **3.6 Other Mandatory Documents for Valid Bid**

- 3.6.1 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.
- 3.6.2 The bidder shall be required to furnish Bid Security Deposit (BSD) for an amount equal to 1% (one percent) of the estimated cost (Excl.GST) 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 atleast for Six (06) months from the scheduled date of techno-commercial bid opening. The Bank Guarantee shall be payable at Mumbai only.

**Note:** Any bid not accompanied by the requisite bid security shall be rejected as nonresponsive 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 has to submit Manufacturing Authorization Form (MAF) from a HTLS Conductor manufacturer for providing HTLS conductor as required for the scope of work from approved vendors of MSETCL, 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 prices of items 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 (for this tender EMD BG is Rs. 2,42,96,356/-). 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 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
- 5.6 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.

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.

- 5.7 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.
- 5.8 a. 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).
- b. 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.
- c. 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.
- 5.9 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.
- 5.10 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.
- 5.11 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.
- 5.12 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>.
- 5.13 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.
- 5.14 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.

## 6.0 Instructions to the bidder 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 manipulation 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. **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 in the editable cells only, 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. Refusal 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. 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.



## 7.0 Important Dates & Schedule:-

a)	Starting Date of downloading	10/09/2024
b)	Price of bid document	Rs. 25,000/- + Taxes
c)	Last date and time for submission of bid	10/10/2024 at 13:00 Hrs.
d)	Last date for submission of Queries	20/09/2024 at 17:00 Hrs.
e)	Date and time for opening of techno- commercial bid	10/10/2024 at 15:00 Hrs.
f)	Date and time for opening of price bid of qualified bidders	Will be informed later

Kindly note that, the Queries received after last date of submission of queries will not be entertained. Submit your queries on [ee13prj@mahatransco.in](mailto: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)**