

**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 Construction of 220 KV D/C Line from 400/220 KV Koradi -II to Mankapur s/s. (O/H + U/G) Line) under Nagpur Zone Maharashtra.

**Scope of Work:-**

- i) 220 kV Cable laying work for 220KV Koradi-II to Mankapur D/C U/G line - 8.17 km.
- ii) 220 kV Koradi-II to Mankapur D/C OH line by utilising existing 220kV Koradi-II to Kaulewada M/C line (with HPC Conductor) – 2.45 km.
- iii) 2x220kV End Bays at 400/220kV Koradi II Substation.

**SRM e-Tender No. T-2488/MSETCL/CO/Projects/Pre-tender ( Rfx no. 6000001266)**

Scope of work	Estimated Cost in Rs. Excl. of GST	Completion period from date of site handing over (Excluding Monsoon i.e. 15 <sup>th</sup> June to 30 <sup>th</sup> September)
Construction of 220 KV D/C Line from 400/220 KV Koradi -II to Mankapur s/s. (O/H + U/G) Line) under Nagpur Zone.	1,82,93,71,858.46	18 Months

**NOTE:** Bid Evaluation and Award of tender shall be carried out on **quoted price exclusive of GST.**

**2.0 MINIMUM QUALIFYING REQUIREMENTS FOR THE BIDDERS**

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 qualification requirements that may be stated in the specifications or elsewhere in the bidding document. The bidder shall satisfy the following conditions:

**2.1. Technical Qualifying Requirement**

**2.1.1 Technical Experience**

- a) The bidder should be EHV cable manufacturer & having experience of supply and laying, jointing, terminations & commissioning of cable as mentioned in clause No. 2.1.2 & 2.1.3 below respectively.
- b) The JV/CONSORTIUM consisting of maximum two members who can be:
  - i) Manufacturers of **220 kV** or higher voltage grade XLPE insulated cable meeting the technical experience as mentioned in clause No. 2.1.2 below.

AND

- ii) Erector having experience as mentioned in clause No 2.1.3 below  
Both the members of JV/CONSORTIUM shall meet collectively, the requirements of clauses No. 2.1.2 and 2.1.3 below. The Techno-commercial and legal arrangement between the JV/CONSORTIUM members shall be in line with the clause No.2.2 below. All the documents/evidences as required should be submitted along with the Techno Commercial Bid.
- iii) It will be mandatory that one of the JV/CONSORTIUM members shall be manufacturer & one member shall be erector. Both erector members are not allowed. However single member with manufacturing & erecting capacity will be allowed.
- c) The EPC agency who has registered in India and not meeting criteria i.e. who is not a manufacturer of cable and/or accessories can also participate as a sole Bidder with the undertaking from cable manufacturer, who meets the criteria as mentioned at 2.1.2 below. The bidder should also have the experience of Supply, laying, jointing, termination & commissioning of aggregate length of 10 (ten) Ckt Kms (3 Ph Ckt Kms) of 220 kV and above EHV Cable of size as mentioned in the scope of tender or above with accessories & the same should be in satisfactory operation for period of 02 (two) years as on the date of bid opening.  
Note:  
1) Indian cable manufacturer can participate in the tender in any form, i.e. sole bidder or through MAF, provided that should not have more than two bids in single tender. 2) Foreign cable manufacturer can give one MAF to Indian EPC bidder.
- In this case the EPC Bidder shall submit the letter of undertaking & scan copies of original documents meeting the qualifying requirement mentioned in clause no 2.1.2 from the cable manufacturer. The EPC Bidder shall be solely responsible for the quality of the cable as well as accessories.
- d) Indian manufacturers who have Technical Collaboration with a foreign firm (collaborator) or the cable manufacturers who have established production line in India for cable based on technological support of their parent company/ principal provided the said Collaborator or the said Parent company/Principal meet the experience as mentioned in clause no. 2.1.2 below and laying, jointing, termination and commissioning is carried out by either such manufacturer himself meeting criteria in clause 2.1.3 or through an erector meeting criteria at clause 2.1.3 provided Indian manufacturer or subsidiary have conducted PQ (prequalifying) test & type test as per IEC on cable system. The Techno-commercial and legal arrangement between them shall be as per clause 2.1.4 below. A confirmation letter from the cable manufacturer/collaborator/ Parent Company/Principals along with the bid stating that cable manufacturer or the collaborator/ Parent Company/Principals shall furnish an additional performance guarantee for an amount of 10% (ten percent) of the cost of such cable system. All the documents/evidences as required in this regard should be submitted along with the Part-I, Techno-Commercial bid.
- (e) The Bidders shall submit the proof of work executed by them along with the Performance Certificates

### **2.1.2. Experience for 220 kV Cable System Manufacturer(s):**

Manufacturer(s) of Cable/Cable system should:

- a) Have experience in manufacturing and supplying of **220 kV** or higher voltage class cables for at least last 05 (five) years as on the date of bid opening.
- b) The Manufacturer should have carried out Design, Engineering, Manufacturing, Type & PQ Testing on cable system as per relevant IEC along with accessories; earlier and Supplied at least aggregated route length not less than "**5 (Five)**" **Ckm** (3 phase Circuit KM.) of **220 kV** voltage class or above EHV single core XLPE lead / corrugated Aluminum/poly Al laminated sheath copper cable of size as mentioned in the scope of tender or above size with accessories and the cables supplied by the manufacturer should have been in satisfactory operation for a minimum period of 02 (two) years as on the date of bid opening.
- c) Have designed, manufactured, Type & PQ tested as per IEC, and supplied the joints & terminations for **220 kV** or higher class cable system for last ten years as on the date of bid opening which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.

OR

The Bidder can Supply the joints & terminations from such accessory manufacturers (other than cable manufacturers) who have designed, manufactured, Type & PQ tested as per IEC, and supplied joints and termination for **220 kV** or above voltage class cable system (including GIS termination) for last ten years as on the date of bid opening which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.

- i) Supplied at least 50% joints & terminations (combined) of the quantity mention in the scope of tender, for **220 kV** or higher class cable system in last 10 (ten) years as on the date of bid opening. Which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.
- ii) The Type & PQ Test should not be older than 10 (ten) years as on the date of bid opening.
- iii) The Cable/accessory manufacturer has to give assurance that hot spares will be supplied within 07 (seven) days from the date of our order and the vendor also has to ensure the availability of jointer/supervisor within 07 (seven) days from date of intimation. Cable manufacturer who has the in house execution team will be preferred. However, in case of a tie up with a separate erection vendor, the cable supplying vendor i.e. cables manufacturer will remain the sole responsible for the entire scope of work.

### **2.1.3. Experience for Laying, Jointing, Termination Testing & Commissioning:**

The erectors for laying, jointing, terminating, testing & commissioning should be:

- i) The erectors who have successfully executed a contract of underground cable, laying, jointing, termination and commissioning of aggregated length of line not less than '**5 (Five) Ckm**' length of line (3 phase Circuit km) of **220 kV** or higher voltage XLPE insulated cable which must be in satisfactory operation for at least 02 (two) years as on the date of bid opening.
- ii) Cable laying, jointing and termination shall be carried out under supervision of cable manufacturer only. For erection work, Joints for **220 kV** cable should be certified by the accessory manufacturer.

**2.1.4. Techno-Commercial and Legal Arrangement for Indian Manufacturer with Foreign firm for Foreign Collaboration and for Foreign Firm establishing plant in India with their Parent Company:**

1. The Foreign Manufacturers who have established production line in India for cable or the foreign collaborators, as referred in para 2.1.1 (d) above should have requisite experience as provided in clause 2.1.2 and 2.1.3 for complete design, manufacture, laying, jointing, terminations & commissioning of XLPE cable of **220 kV** and above voltage class provided Indian manufacturer or subsidiary have conducted type test as per IEC on cable system. Indian cable manufacturers referred in para 2.1.1 (d) above shall enter into Technical Collaboration agreement with the aforesaid foreign firm for complete design, manufacture, engineering and testing, of XLPE cable of **220 kV** and above voltage class.
2. The cable manufacturer shall furnish a legally enforceable undertaking to guarantee quality, timely supply, performance and warranty obligations and be responsible under the contract in accordance with the requirement of the contract.
3. The Collaborator/ Parent Company/ Principals should ensure backup support for 05 (five) years for successful operation of the offered cable and accessories.
4. Such bidder should be duly authorized by the Collaborator/ Parent Company/Principals to supply and / or install the cable system in the owner's country.
5. A confirmation letter from the cable manufacturer/ collaborator/ Parent Company/Principals along with the bid stating that cable manufacturer or the collaborator/ Parent Company/ Principals shall furnish an additional performance guarantee for an amount of 10% (ten percent) of the cost of such cable system. This performance guarantee shall be in addition to the contract performance guarantee to be submitted by the bidder for technical support of the Collaborator/ Parent Company/ Principals. However, the bidder shall be responsible for the overall performance of the contract.
6. All the above documents shall be submitted by the bidder along with the bid.

7. The above contract performance guarantee from the manufacturer or collaborator/Parent Company/ Principals shall be submitted from its bank in favor of owner as provided in the bidding documents.

## **2.2 Eligibility of bidder as JV/CONSORTIUM:-**

- (i) They shall have legally valid JV/CONSORTIUM agreement
- (ii) The number of members in the JV/CONSORTIUM should not be more than two including the lead member.
- (iii) The stipulated qualifying requirements as per clause 2.1.2 and/or 2.1.3 should be met individually and 2.3 are jointly fulfilled by both members.
- (iv) One of the members shall be nominated as Lead member, and the Lead member shall be authorized to be in charge and this authorization shall be evidenced by submitting a power of attorney signed jointly by legally authorized signatories of both members.
- (v) Both the members of the JV/CONSORTIUM shall be liable jointly and severally for the execution of the contract in accordance with the Contract terms and shall submit an undertaking on a valid stamp paper of appropriate value accepting the same (in the enclosed standard format). The roles and responsibilities shall be clearly indicated in the legally signed document.
- (vi) For qualification, "On-Line" submission shall be accompanied by following documents: (Color scanned copies of original documents / Color scanned Xerox copies duly attested in blue ink by statutory auditors of Bidder).
  - a) Registration in MSETCL SRM e-tendering of appropriate class & Category. (In case of JV/CONSORTIUM at least any one of the JV/CONSORTIUM Member should be registered in appropriate class.)
  - b) Tax Registration Certificate (GST) (Lead bidder, Indian)
  - c) Valid Solvency Certificate. (Both Member)
  - d) Income Tax Permanent Account Number (Lead bidder, Indian)
  - e) In case of JV/CONSORTIUM, notarized copy of agreement shall be submitted along with the application.

## **2.3 Financial Qualification Requirement for Bidder**

### **2.3.1 TURN OVER**

The Bidder should have the Minimum Annual Average Turnover\* (MAAT) of at least 100% of estimated cost of tender offered in the last three years i.e. 36 (thirty six) months. In case of JV/CONSORTIUM, Lead member shall meet not less than 80% and the other member not less than 30% (thirty percent) of the Minimum Annual Average Turnover. Date of exchange rate should be last day of March for that particular year. Audited balance sheets for the specified last three years duly certified by Chartered Accountant only to be submitted.

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 18 & 30th Sept.18, then latest audited financial year shall be a year before previous year for financial criteria i.e. 2017-18)

### 2.3.2 **NET WORTH**

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 in last 3 (three) financial years. The original CA certified copy of the same has to be uploaded with bid documents.

AND

The bidder shall submit audited balance sheets for the specified last three years duly certified by Chartered Accountant.

2.3.3 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.

2.3.4 In case bidder is a holding company MAAT and the Net worth referred to in clause 2.3.1 and 2.3.2 above shall be that of holding company only (i.e. excluding its subsidiary/group companies)

2.3.5 In case bidder is a subsidiary of a holding company, MAAT and Net Worth referred to in clause 2.3.1 and 2.3.2 above shall be that of subsidiary company only (i.e. excluding its holding company).

2.4 The EHV cable and accessories of offered voltage class **220 kV** or above of size as mentioned in the scope of tender or above of copper should have been successfully PQ & Type tested earlier. Such type test should not be older than 10 (ten) years as on the date of bid opening. The PQ & Type should have been certified by any of the following National/International Accredited Laboratories.

- 1) CPRI, India
- 2) CESI, Italy
- 3) KEEMA, Holland
- 4) F.G.H., Germany
- 5) CERL, UK
- 6) EDS, France
- 7) Hydro-Quebec, Canada 8) KERI, Korea.
- 9) CRIEPI, Japan
- 10) EDF, France
- 11) IPH, Germany
- 12) STRI, Sweden

The details of PQ & complete List of type tests carried out on cable system, as per latest relevant IEC for voltage class 220 kV or above shall be submitted with the offer, quoting reference of IEC clauses, test description/details and date of testing along Certified copy of original certificate and certified copy of the English version in case original is in a language other than English shall be uploaded as documentary evidence. The PQ & Type test should have been conducted on the cable as well as accessories manufactured in the plant from where the bidder is proposing to supply the tendered cable system.

- 2.5 The owner shall verify the setup of the bidder or his JV/CONSORTIUM to assess his capacity & capability. The bidder should submit the details of works completed in last 05 (five) years, works in hand in duly attested statement. The past performance of the bidder or his JV/CONSORTIUM in execution of the contracts in MSETCL shall be verified while considering the offer for qualification.
- 2.6 Cable/accessory manufacturer has to give assurance that hot spares will be supplied within 07 (seven) days from the date of our order and the vendor also has to ensure the availability of jointer/supervisor within 07 (seven) days from date of intimation.
- 2.7 The Successful Bidder should have sufficient skilled manpower certified by the cable manufacturer/ accessory manufacturer to carry out the work of minimum 60 (sixty) Nos. of cable joints per month; from the date of start of cable jointing work. Failing which a penalty of 1 % (one percent) of contractual amount shall be levied, which shall be in addition to levy of LD.

[The bidder shall submit duly notarized photo/scan copy of performance certificate issued by the utility/end users along with the copy of details of work order and document related to clause 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, & 2.7.]

### **3.0 OTHER MANDATORY DOCUMENTS FOR VALID BID**

- 3.1 Original colour scan copy of duly signed/sealed schedules given in tender documents.
- 3.2 Bid Security Deposit (BSD) for an amount equal to 01% (one percent) of the estimated cost (**Excl. of GST**) of tender in the form of Bank Guarantee from Scheduled/Nationalized Bank in the prescribed format annexed in the tender specifications as schedule 'D', along with the offer. The validity of Bank Guarantee should at least be for 06 (six) months from the originally scheduled date of technocommercial bid opening. The Bank Guarantee should be payable at Mumbai only. The Stamp Duty should be paid as applicable, in Maharashtra

**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 STATUTORY QUALIFYING CRITERIA (Statutory Licenses/Registration)**

- 4.1 The bidder or his associate should have a valid Govt. Electrical Contractor's License.
- 4.2 The lead bidder should be registered under GST. The bidder should have returns of preceding 3 (three) financial years. (IT returns)
- 4.3 The lead bidder should be registered under P.F. Act.

Note: The original coloured 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.

#### **4.1 Special terms and conditions:-**

- 4.1.1 **HPC Conductor:** The bidder has to submit Manufacturing Authorization Form (MAF) from a HPC Conductor manufacturer for providing HPC conductor as required for the scope of work from approved vendors of MSETCL, meeting the technical requirements as specified in Book-II Tech spec.
  - 4.1.2 The undertaking is to be submitted by the bidder that, the EHV Transmission line and Bay work of the said tender is to be carry out by the agency who has earlier experience and performance of EHV Transmission line and Bay work. The same is to be get approved by Superintending Engineer, Projects Nagpur zone before execution of the said work.
  - 4.1.3 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.
- Since, this work is important & urgent, bidders should visit the site to understand the scope of the work, site condition, other constructional issues/ROW, other constraints etc.
  - The tender scope involves supply of 2500 Sqmm & 1600 Sqmm 220 kV Single core copper conductor, XLPE insulated corrugated aluminium sheathed power cable. The highest size i.e. 2500 sqmm will be considered in TQR clauses.
  - **Guideline from CEA is to be followed by the bidders:-** Any Indian manufacturer who has established the manufacturing facility in India with their reputed Parent foreign manufacturer of EHV cable for required voltage class cables, should be allowed to participate in the tenders on the basis of combined credentials of them provided they satisfies all the technical and financial requirements specified in the tender documents. However, it shall be the responsibility of the Indian Subsidiary and Parent company to ensure the followings:



- i) Indian subsidiary shall have valid Technical Collaboration agreement with the Parent Company for complete design, manufacture, engineering and testing of power cable and such agreement shall be valid for at least 5 years after the warranty period of item is over.
- ii) Indian subsidiary should have similar design, process, quality of Material, and manufacturing quality plan as followed by the parent company for that particular product.
- iii) Indian subsidiary shall submit the type test, PQ reports as per relevant Standards for similar/ higher rating cables manufactured by the Parent company and performance certificate for successful operation in India or the Country with tropical/sub-tropical climate similar to product supply country/India.
- iv) Indian subsidiary should have adequate design capability, manufacturing infrastructure, facility to conduct tests as per relevant Standards and quality control mechanism in place.
- v) The Parent Company shall ensure Quality control during manufacturing/ installation of cables, fielding of key personnel, guarantee for satisfactory operation, after sales service.
- vi) Indian subsidiaries shall furnish a legally enforceable undertaking (jointly with Parent company) to guarantee quality, timely supply, performance and warranty obligations and be responsible under the contract,
- vii) The purchaser may specify additional performance guarantee of at least 5 % and extended warranty for at least two years in its tender documents for future contingency in case of default. (In this case, in the tender TQR IFB clause 2.1.1 (d) already attract 10 % additional PBG, but now 10 % additional PBG will also applicable for clause 2.1.1 (c) as per above said CEA guidelines.)

## 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. 1,82,93,718/-). 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.**

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.

- 5.5 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.
- 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 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.

- 5.9 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	26/11/2024
b)	Price of bid document	Rs. 25,000/- + Taxes
c)	Last date and time for submission of bid	17/12/2024 at 13:00 Hrs.
e)	Last date for submission of Queries	04/12/2024 at 15:00 Hrs.
f)	Date and time for opening of techno- commercial bid	17/12/2024 at 15:00 Hrs.
g)	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 queries' submission 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. Queries should be send on [ee13prj@mahatransco.in](mailto:ee13prj@mahatransco.in) only.

-sd-  
**Chief Engineer (Projects)**

## Check List of Document

Sr. No.	TQR Clause	Clarification & Documents to be submitted
1	IFB Clause 2.1.1 (a), (b), (c) & (d)	Route for participation in the tender.
	2.1.1 (a)	Bidder who has experience as cited in the clause. i.e. Manufacturer with erection experience.
	2.1.1 (b)	Bidder can do JV/Consortium with Manufacturer & Erector vice-versa.
	2.1.1 (c)	Bidder has erection experience can bid with MAF of cable manufacturer.
	2.1.1 (d)	Indian cable manufacture with Technical Collaboration with a foreign cable manufacturer/ collaborator/ Parent Company / Principals with 10 % extra BG and can participate by JV/Consortium with Erector and vice-versa. Type & PQ of Technical Collaboration with a foreign cable manufacturer/ collaborator/ Parent Company / Principals of same voltage size as mentioned in the tender or above & for Indian subsidiary/collaboration company of same voltage cable Type & PQ.
2	IFB Clause 2.1.2	For Cable Manufacturer
	2.1.2 (a)	Documents related to supply experience of last 5 years.
	2.1.2 (b)	1) Valid Type & PQ Test of EHV Cable of same voltage & size mentioned in the scope of tender from who meet the clause. 2) Supply with performance experience of 2 years with EHV Cable of same or above voltage & size mentioned in the scope of tender. Note: The submitted Type/PQ/Performance certificate should be original color scan & it should be in English. If it is translated into English, than it should be authenticated by Indian embassy.

	2.1.2 (c) (i) (ii) (iii)	<p>1) Supply with performance experience of 2 years with Joints &amp; Termination of same or above voltage &amp; size mentioned in the scope of tender.</p> <p>2) Valid Type &amp; PQ Test of Joints &amp; Termination of same voltage &amp; size mentioned in the scope of tender. 3) Undertaking for hot spare supply as per clause from Cable/accessory manufacturer.</p> <p>Note: The submitted Type/PQ/Performance certificate should be original color scan &amp; it should be in English. If it is translated into English, than it should be authenticated by Indian embassy.</p>
3	IFB Clause 2.1.3	For Cable Erector experience
	2.1.3. (i)	<p>1) Cable Erection with performance experience of 2 years with EHV Cable of same or above voltage mentioned in the scope of tender.</p> <p>Note: The submitted Performance certificate should be original color scan &amp; it should be in English. If it is translated into English, than it should be authenticated by Indian embassy.</p>
	2.1.3. (ii)	Undertaking from erector as per clause.
4	IFB Clause 2.1.4	For Cable manufacture collaboration
	2.1.4. (i)	<p>Cable manufacturer who bid under clause 2.1.1 (d) &amp; have on going Technical Collaboration with the foreign collaborators. Bidder has to submit agreement for the Technical Collaboration.</p> <p>Submit the Schedule -F from GTC Book-I.</p> <p>Note: The submitted agreement should be original color scan &amp; it should be in English. If it is translated into English, than it should be authenticated by Indian embassy.</p>
	2.1.4. (ii)	Undertaking from cable manufacturer as per clause on <b>stamp paper (Rs.100 &amp; above).</b>
	2.1.4. (iii)	Undertaking from cable manufacturer as per clause.
	2.1.4. (iv)	<p>Authorization from the cable manufacturer/ collaborator/ Parent Company/Principals to participation for the said tender.</p> <p>(Email id of foreign collaborator should be given for verification of authorization)</p>
	2.1.4. (v)	Confirmation letter from the cable manufacturer/collaborator/Parent Company/ Principals for 10 % additional performance bank guarantee for ex-works cost of cable system.

5	IFB Clause 2.2	JV/Consortium
	2.2. (i) to 2.2. (v)	1) Bidder has to submit the schedule E of GTC Book-I for consortium agreement. 2) Power of attorney for nomination of lead partner. 3) Individual Power of attorney of lead partner & JV/consortium for a person who is signing the tender documents and it should be in English. If it is translated into English, than it should be authenticated by Indian embassy.
6	IFB Clause 2.3	Financial Qualification Requirement
	2.3.1 & 2.3.2	As per clause and with original CA certificate with UDIN & with balance sheet (financial statements).
	2.3.3	Declaration as per clause.
7	2.4	The EHV cable and accessories of offered voltage class 220 kV or above of size as mentioned in the scope of tender or above of copper should have been successfully PQ & Type tested earlier – The Type & PQ should be of proposed supply of cable. Supply of cable should be from manufacturing facility/location where offered tendered cable should have been successfully PQ & Type tested.
8	2.6	Undertaking for hot spare supply as per clause from Cable/accessory manufacturer.
9	3.1	All schedules related to tender should be filled from GTC Book-I.
10	3.2	Bid Security Deposit for an amount equal to 1% of the estimated cost (Excl. of GST) with 6 months validity as per format GTC Book-I. Stamp Duty should be paid as applicable in Maharashtra.
11	For HPC Conductor	Submit the documents & MAF for any one HPC Conductor manufacturer as per clause.
12	Land boarder sharing.	Undertaking for Land boarder sharing as per GTC Book-I.