



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD.**  
**CIN No. U40109MH2005SGC153646**

## **REQUEST FOR PROPOSAL (RFP)**

**FOR**

**Empanelment of Consultants to provide Design and Engineering Services for Pre-bid engineering during bid preparation for TBCB Transmission Substation and Line projects.**

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## **SECTION-1: INSTRUCTIONS TO APPLICANTS**

### **Empanelment of Consultants to provide Design and Engineering Services for Pre-bid engineering during bid preparation for TBCB Transmission Substation and Line projects.**

#### **1. Introduction:**

Maharashtra State Electricity Transmission Company Limited (MSETCL), a wholly owned subsidiary of the Maharashtra Government, was incorporated in June 2005 after restructuring the erstwhile Maharashtra State Electricity Board (MSEB). MSETCL operates Maharashtra's electric power transmission system, which includes 51,518 circuit kilometers of transmission lines and 742 EHV substations with a transformation capacity of 138,598 MVA. MSETCL is one of the largest state transmission utilities in India.

The Maharashtra Electricity Regulatory Commission (MERC) has mandated the use of the Tariff-Based Competitive Bidding (TBCB) framework for transmission infrastructure projects. In line with the MERC Multi-Year Tariff (MYT) Regulations, 2024, transmission projects above Rs. 200 crores must follow this framework.

As part of the TBCB initiative, MSETCL intends to participate in TBCB projects in Maharashtra. To engage the EPC agencies and suppliers, pre-bid engineering activities—such as the preparation of substation layouts, single-line diagrams, tender drawings, and Bills of Quantities (BOQs) for both civil and electrical works is required to be completed within a limited period. Completion of these activities is a prerequisite for inviting bids from EPC agencies/Suppliers. Hence, MSETCL aims to engage consultants to provide pre-bid engineering services for TBCB transmission substation and line projects.

#### **2. Scope Of Work:**

The consultant will perform studies, analyses, and document preparation to achieve the objectives outlined for each assignment. The consultant will carry out these tasks in close consultation with the designated officer from MSETCL, who will act as the project coordinator. The specific tasks include, but are not limited to:

- **Tender Documentation:** Preparation of Single Line Diagram (SLD), General Arrangement (GA) drawings, electrical and civil drawings, equipment specifications, and engineering calculations.
- **Preparation of Bills of Quantities (BOQs)** for major equipment, electrical, civil, and structural components, including detailed civil breakdowns.
- **Review and due diligence** of the proposed transmission systems/specific project.
- **Cost Estimates and Reports:** Assist in the preparation of detailed cost estimates and documents for management approvals.

- Pre-Bid Engineering Services: Provide ongoing support and guidance throughout the bid preparation process.
- Specific activities to be performed as Pre-bid Engineering Consultant which are mentioned in assignment work order and as notified by the MSETCL during course of bid preparation;

*Note: The scope is provisional and subject to change based on project-specific requirements.*

### **3. Submission of Proposal:**

- Applicants must submit their proposals as per the instructions outlined, including all necessary supporting documents, duly signed and stamped on each page, as a token of acceptance of the broad scope of work, terms, and conditions.
- The proposals should be submitted in the following manner:

By email: Submit the technical proposal and supporting documents as a soft copy to [cetbcb@mahatransco.in](mailto:cetbcb@mahatransco.in) and [setbcb@mahatransco.in](mailto:setbcb@mahatransco.in).

Hard copy: Submit the technical proposal in a sealed envelope clearly marked as "Technical Documents for Empanelment of Consultants to Provide Design and Engineering Services during Bid Preparation for TBCB Transmission Substation and Line Projects" to:

**Chief Engineer (TBCB)**

Maharashtra State Electricity Transmission Co. Ltd.(MSETCL)  
Prakashganga, 5th Floor, A Wing,  
Plot No. C-19, E-Block, Bandra-Kurla Complex,  
Bandra (E), Mumbai – 400 051

- Late submissions, for any reason, will not be considered.
- MSETCL reserves the right to reject any or all proposals, wholly or partially, without assigning any reasons whatsoever.
- The empaneled consultant shall be confirmed upon qualifying the criteria as laid down in subsequent para. The shortlisted/empaneled firm/company shall be intimated separately.
- Further, if the due date of receipt of proposal as aforesaid is declared holiday, proposal would be received on schedule time on the next working day.

### **4. Empanelment Criteria:**

The Technical Proposal will be evaluated based on the firm's relevant experience as

detailed below:

S. N.	Empanelment Criteria
<b>A.</b>	<b>Technical Criteria</b>
	<p>Applicants must meet the following technical criteria:</p> <ul style="list-style-type: none"> <li>▪ Relevant Experience: The applicant should have demonstrated experience as a Design and Engineering Consultant in the power transmission sector over the last five (05) years.</li> <li>▪ Design and Engineering Services: The applicant must have been engaged in providing pre-bid engineering services / detailed engineering services for at least Ten (10) transmission projects for 220 kV and above voltage level.</li> <li>▪ Documentary Evidence: The applicant must submit copies of the Letter of Award (LoA) or Contract Agreement for specific power transmission sector projects, both domestic and international, where the applicant has provided services as listed above. Additionally, the applicant must submit confirmation of the successful or satisfactory performance certificate from the concerned client or authority.</li> </ul>
<b>B</b>	<b>Financial Criteria</b>
	<p>a) The Average Annual Financial Turnover of the Applicant during the last three Financial Years shall not be less than Rs. 1 Crore.</p> <p>The Applicant should submit the Turnover certificate duly certified by Chartered Accountant along with UDIN (Unique Document Identification Number).</p> <p>b) Net worth of the Applicant for last 03 financial years should be positive. (Net worth is defined as “Equity share capital + Reserves – Revaluation reserves – intangible assets – Miscellaneous expenditure to the extent not written off and carry forward losses”)</p> <p>The Applicant should submit the Net-worth certificate for last Financial year duly certified by Chartered Accountant along with UDIN (Unique Document Identification Number).</p>
	<p>Applicant must have minimum manpower of 10 nos. of engineering professionals.</p> <p>Applicant must provide a detailed breakdown of the proposed project team, including the names, qualifications, and relevant experience of key team members. This should include the lead engineers, project managers, and any specialists who will be directly involved in the project.</p>

**5. Award Of Work:**

For the TBCB Projects identified by MSETCL, Commercial Offers from empaneled Consultants will be called for the scope of work mentioned in Point No. 2 or as per requirements of MSETCL. Based on Commercial Offers received from empaneled Consultants, L1 Applicant will be awarded with the Assignment.

**6. Period of Empanelment:**

The empaneled consultant will be appointed for an initial period of two years, starting from the date of appointment. MSETCL reserves the right to extend this period at its discretion, without altering the terms and conditions of the appointment.

**7. Deliverables:**

The final output that will be required from the consultant shall be set out in the Letter of Award (LoA) for the specific assignment. The estimated time period for completion of the assignment shall be as agreed from time to time for each assignment.

**8. Payment Terms**

Payment for each specific assignment will be made upon completion of pre-defined milestones, as outlined in the Letter of Award (LoA) for the project specific assignment.

**9. Liquidated Damages**

In the event of delays caused by the consultant, which result in the delay of the overall process, liquidated damages will be levied. The consultant will be liable to pay 1% of the total contract price for each week of delay or part thereof, subject to a maximum of 5% of the total contract value.

**10. Appointment of Empanelled Consultant:**

The appointed Consultant will be intimated through the Letter from MSETCL stating their empanelment acceptance, tenure of empanelment and other necessary details etc.

**11. Additional Services And Variations:**

If MSETCL requires additional services or changes to the scope of work during the course of the project, the consultant shall provide a Commercial offer and timeline for these additional services. Any changes to the scope of work must be mutually agreed upon in writing.

**12. Conflict of Interest:**

The Applicant must declare any potential conflict of interest regarding their involvement in the current or future work of MSETCL or its related entities. If any conflict arises, the

Applicant must notify MSETCL immediately, and MSETCL reserves the right to disqualify the Applicant.

**13. Non-Disclosure Agreement:**

Along with the acceptance of the Letter of Award (LoA), the selected Applicant shall submit a duly signed Non-Disclosure Agreement (NDA) in the format provided by the MSETCL.

**14. Intellectual Property Rights:**

All intellectual property rights related to the designs, drawings, reports, and any other documents or materials developed by the consultant during the assignment will be owned by MSETCL. The consultant shall not claim any ownership or rights to the intellectual property unless agreed upon in writing.

**15. Cancellation of Appointment:**

The appointment may be cancelled for the following reasons (but not limited to):

- a) Submission of false, forged, or misleading information to secure the appointment.
- b) Non-performance, failure to meet deadlines, or failure to adhere to quality standards and contractual terms.
- c) Refusal to execute the assignment after the issuance of the Letter of Award (LoA).
- d) Other reasons deemed appropriate by MSETCL.

In such cases, the consultant will be debarred from future assignments for a period of one year.

**16. The time line for empanelment of Consultant is as follows:**

<b><u>Event</u></b>	<b><u>Date</u></b>
Date from which RFP document is available	23.04.2025
Last date for submission of Queries	28.04.2025
Last Date for Submission of proposal	02.05.2025

**17. MSETCL reserves the right, without prejudice to any other remedies, to reject the proposals forthwith if the consultant has engaged in corrupt or fraudulent practices or is found to have misrepresented the facts or has provided false information/documentation.**

**18. MSETCL reserves the right to accept/reject any or all the offers/proposals without assigning any reason thereof.**

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## **SECTION-2 FORMATS FOR TECHNICAL PROPOSAL**

TECH-1      Technical Proposal Submission Form

TECH-2      Brief Description of Experience of Applicant



**FORM TECH-1**

**TECHNICAL PROPOSAL SUBMISSION FORM**

[Date]

From: [Name, address and telephone nos. of the Applicant]

To:

Chief Engineer (TBCB)  
Maharashtra State Electricity Transmission Co. Ltd.(MSETCL)  
Prakashganga, Plot No. C-19, E-Block,  
Bandra-Kurla Complex, Bandra (E),  
Mumbai – 400 051

Sir,

**Subject: Empanelment of Consultants to provide Design and Engineering Services for pre-bid engineering during bid preparation for TBCB Transmission Substation and Line Projects.**

1. We, the undersigned, are submitting our proposal for **Empanelment of Consultants to provide design and engineering services for pre-bid engineering during bid preparation for TBCB transmission substation and line projects** in accordance with your RFP dated *[Insert Date]*. We are hereby submitting our Technical proposal sealed under envelope.
2. We confirm that we meet the Selection Criteria set out in your RFP.
3. We confirm that our proposal is consistent with all the requirements / scope of work as defined in the RFP.
4. We hereby declare that all the information and statements made in this proposal are true and accept that any misinterpretation or false information / documentation contained in it may lead to our disqualification.
5. Our proposal is binding upon us and subject to the modifications resulting from Contract negotiations, if any.

We understand you are not bound to accept any proposal that you receive.

We remain,

Yours sincerely,

Authorized Signature *[In full and initials]*: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Applicant (Lead Consultant): \_\_\_\_\_

Address: \_\_\_\_\_

Telephone (office) : \_\_\_\_\_

Telephone (Mobile): \_\_\_\_\_

Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

**FORM TECH-2**

**BRIEF DESCRIPTION OF THE EXPERIENCE OF THE APPLICANT**

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**1. Brief Description of the experience of APPLICANT**

S. No	Assignment Name	Project Name	Client Name	Project completion details (Duration)	Remarks
1	2	3	4	5	6

**NOTE:** Applicant must include:

- A copy of the Letter of Award/Contract Agreement issued for a specific power sector project, confirming that the Applicant has provided services related to power sector development.
- Confirmation of satisfactory progress or successful completion of the project, provided by the relevant procurer or utility.

Signature: \_\_\_\_\_

Full Name: \_\_\_\_\_

Address: \_\_\_\_\_