

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.  
HUMAN RESOURCES DEPARTMENT  
(CIN No. U40109MH2005SGC153646)**

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**(Special Engagement Drive)**

**Appointment of Experts (Contract Basis)**

**1. COMPANY PROFILE:**

Maharashtra State Electricity Transmission Company Limited (MAHATRANSCO), a wholly owned corporate entity under the Maharashtra Government, is incorporated under the Company's Act, in June, 2005 after restructuring the erstwhile Maharashtra State Electricity Board to transmit electricity from its point of Generation to its point of Distribution. It owns and operates most of Maharashtra's Electric Power Transmission System. MSETCL operates a transmission network of 51,518 (CKT KM) of Transmission Lines and 742 EHV Substations with 1,38,598 (MVA) Transformation Capacity. This infrastructure constitutes most of the inter regional as well as intra-regional electric power transmission system in the State. Today, MSETCL is the largest State Transmission Utility in the country.

**2. REQUIREMENT OF EXPERTS IN THE FOLLOWING FIELDS:**

EHV Substation Engineering Expert
EHV Transmission Line Engineering Expert
EHV Transmission System Project Monitoring Expert
EHV Transmission System Right of Way (RoW) and Forest Clearance Expert
Tariff Based Competitive Bidding (TBCB) Expert
Information Technology (IT) Expert

**3. QUALIFICATION AND EXPERIENCE:**

The Field-wise Qualification and Experience required shall be as per "**Annexure-A**".

**4. COMPENSATION:**

- The selected candidate will be eligible for monthly compensation of One Lakh to maximum Two Lakhs depending upon nature of experience and Competency. However, Compensation and Benefits shall not be constraint for the deserving candidate.
- Other facilities viz., Mobile Reimbursement, Hired Vehicle alongwith Driver for Office use will be provided.

## 5. AGE LIMIT:

Minimum	45 years
Maximum	65 years

## 6. METHODOLOGY OF SELECTION:

- Interested specialists in the above mentioned field may submit their resume at [sedexpert@mahatransco.in](mailto:sedexpert@mahatransco.in) from 26.07.2024 to 04.08.2024. A soft copy of applicant latest photograph be placed on resume.
- Selection will be made through the Personal Interview only by the Competent Selection Committee.

## 7. PLACE OF WORKING:

Corporate Office, Mumbai. However, for deserving candidate option will be given of physical / online or hybrid mode of working.

## 8. INSTRUCTIONS FOR APPEARING FOR PERSONAL INTERVIEW:

- Shortlisting of candidates shall be decided by the management on the basis of details provided in the resume.
- Only shortlisted candidates will be called for Personal Interview to be held at Mumbai.
- Shortlisted candidates required to appear for Personal Interview at their own arrangement. The cost of to and fro travel will be reimbursed on actual to the candidate. The candidates travelling farther than 500 Kilometers will be considered for reimbursement of Air travel.
- For appearing the Personal Interview the shortlisted candidates will require to provide documents with respect to their Educational Qualification, Professional Experience, Awards / Accolades (if any) etc.
- Shortlisted candidates shall be informed about the date, venue and time of the Interview on the E-mail ID provided by them in the resume.

## 9. IMPORTANT DATES:

<b>Duration for submission of Resume</b>	<b>26.07.2024 to 04.08.2024</b>
<b>Tentative Date of the Interview</b>	<b>10.08.2024</b>
<b>Final Selection / Declaration of Result</b>	<b>11.08.2024</b>

10. The Contract Period of appointment as Expert shall be One Year.

**Place: Mumbai**  
**Date: 26.07.2024**

sd/-  
Chief General Manager (HR)

**ANNEXURE “A”**

<b>Particulars</b>	<b>EHV Substation Engineering Expert</b>	<b>EHV Transmission Line Engineering Expert</b>	<b>EHV Transmission System Project Monitoring Expert</b>	<b>EHV Transmission System Right of Way (RoW) and Forest Clearance Expert</b>	<b>Tariff Based Competitive Bidding (TBCB) Expert</b>	<b>Information Technology (IT) Expert</b>
<b>Level Range</b>	Executive Engineer equivalent & above	Executive Engineer equivalent & above	Executive Engineer equivalent & above	Executive Engineer equivalent & above	Executive Engineer equivalent & above	System Analyst equivalent & above
<b>Qualification</b>	<ul style="list-style-type: none"> <li>• BE (Electrical Engineering) with more than 20 years’ experience and worked with Power Industry Organization in the field of Electric Power Transmission System with at least 5 years’ experience at senior level in the organization.</li> <li>• Proficient in design and Engineering of 132 kV and above voltage level, HVDC and SCADA.</li> <li>• Proficient in industry standard design software (e.g. AutoCAD, ETAP, PSS/E).</li> <li>• In-depth knowledge of electrical codes and standards (e.g. IEEE, IEC, NESC).</li> <li>• Strong analytical and problem solving skills.</li> <li>• Excellent communication and teamwork abilities.</li> </ul>	<ul style="list-style-type: none"> <li>• BE (Electrical Engineering) / Civil Engineering with more than 20 years’ experience and worked with Power Industry Organization in the field of Electric Power Transmission System with at least 5 years’ experience at senior level in the organization.</li> <li>• Proficient in industry standard design software (e.g. AutoCAD, ETAP, PSS/E).</li> <li>• In-depth knowledge of electrical codes and standards (e.g. IEEE, IEC, NESC).</li> <li>• Strong analytical and problem solving skills.</li> <li>• Excellent communication and teamwork abilities.</li> </ul>	<ul style="list-style-type: none"> <li>• BE (Electrical Engineering) / Civil Engineering with more than 20 years’ experience and worked with Power Industry Organization in the field of Project Monitoring of Transmission Projects with at least 5 years’ of experience at senior level.</li> <li>• PMP Certification is preferable.</li> <li>• Knowledge of environmental and regulatory requirements related to transmission line projects.</li> <li>• Proficient in project management software (e.g. MS Project, Primavera P6).</li> <li>• Strong analytical and problem solving skills.</li> <li>• Excellent communication and interpersonal skills.</li> <li>• Ability to work effectively in a fast-paced, dynamic environment.</li> </ul>	<ul style="list-style-type: none"> <li>• Bachelor Degree in Environmental Science or Forestry or Civil Engineering with more than 20 years’ experience in resolving all statutory clearances including Forest Clearance and handling of Right of Way in the field of Electric Power Transmission System.</li> <li>• In-depth knowledge of Indian environmental laws, regulations and standards (e.g. Forest (Conservation) Act, 1980; Environment (Protection) Act, 1986).</li> <li>• Strong negotiation and communication skills.</li> <li>• Ability to work effectively with diverse stakeholders, including landowners, regulatory agencies and community groups.</li> <li>• Proficient in GIS and other mapping tools for route planning and environmental assessments of environmental and regulatory requirements related to transmission line projects.</li> </ul>	<ul style="list-style-type: none"> <li>• Bachelor’s Degree in Engineering with MBA and having more than 20 years’ experience in contractual and regulatory matters in Power Sector.</li> <li>• In-depth knowledge of the Electricity Act, 2003. Tariff Policy as well as Regulations.</li> <li>• In-depth knowledge of Competitive Bidding Guidelines and Standard Bidding Documents for Tariff Based Competitive Bidding for Transmission Projects.</li> <li>• Strong negotiation and Communication Skills.</li> <li>• Ability to work effectively with diverse stakeholders.</li> </ul>	<ul style="list-style-type: none"> <li>• Bachelor’s Degree in Computer Engineering / IT and having more than 15 years’ experience in IT related issues in Infrastructure Sector.</li> <li>• Strong Negotiation and Communication Skills.</li> <li>• Ability to work effectively with diverse stakeholders.</li> </ul>

Particulars	EHV Substation Engineering Expert	EHV Transmission Line Engineering Expert	EHV Transmission System Project Monitoring Expert	EHV Transmission System Right of Way (RoW) and Forest Clearance Expert	Tariff Based Competitive Bidding (TBCB) Expert	Information Technology (IT) Expert
Experience	<ul style="list-style-type: none"> <li>• Experience and full hand knowledge of design and Engineering, development of high voltage substations (from 132 kV upto 765 kV) AIS, GIS &amp; HVDC.</li> <li>• Exposure to SCADA and Telecommunication System.</li> <li>• Experience with renewable energy integration (e.g. solar, wind) into substations.</li> <li>• Knowledge of digital substation technologies and IEC 61850 standard.</li> <li>• Familiarity with protective relaying and control system design.</li> <li>• Co-ordination with Civil design team for foundation designs.</li> <li>• Study and review of detailed electrical schematics, wiring diagrams and layout drawings.</li> <li>• Performing and review of system studies, load flow analysis and short circuit calculations.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience and full hand knowledge of design and Engineering, development of high voltage transmission lines (from 132 kV upto 765 kV) with both AC and DC transmission system.</li> <li>• Prepared detailed engineering designs, including route selection, structure design and material specifications.</li> <li>• Perform mechanical and electrical calculations for line design, including sag-tension analysis, electrical clearances and conductor selection &amp; OPGW.</li> <li>• Experience of renewable energy integration (e.g. solar, wind) into substations.</li> <li>• Knowledge of digital substation technologies and IEC 61850 standard.</li> <li>• Knowledge of environmental and regulatory requirements related to transmission line projects.</li> <li>• Familiarity with GIS and other mapping tools for route selection and design. Performing and review of system studies, load flow analysis and short circuit calculations.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience and full hand knowledge of Project Monitoring and Management of high voltage transmission lines (from 132 kV upto 765 kV) with both AC and DC transmission system.</li> <li>• Monitoring and tracking the progress of transmission system projects, ensuring they are on schedule, within budget and meet quality standards.</li> <li>• Developed and implemented project monitoring plans including setting key performance indicators (KPIs) and milestones with IT for developing PM tool and Corporate Team.</li> </ul>	<ul style="list-style-type: none"> <li>• Co-ordination with respective stakeholders in facilitating and monitoring of the clearance of Right of Way (RoW) for transmission line projects, including negotiations with landowners, government authorities and stakeholders.</li> <li>• Co-ordination and monitoring with Corporate Team to obtain necessary forest clearances and environmental approvals from the Ministry of Environment, Forest and Climate Change (MoEFCC) and other relevant authorities.</li> <li>• Co-ordinating and monitoring the process of carrying out environmental impact assessments (EIA) and develop mitigation strategies to minimize environmental disruptions.</li> <li>• Co-ordination and effective monitoring with all stakeholders and regulatory bodies to ensure compliance with Indian Regulations and Standards.</li> <li>• Monitoring and status of RoW and clearance processes, addressing any issues or delays.</li> <li>• Co-ordination and ensuring site visits to assess environmental conditions and ensure compliances with clearance requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of more than 7 years in bidding of TBCB Projects.</li> <li>• Must have worked on at least 10 TBCB Projects with Bid Process Co-ordination for carrying out the bidding process.</li> <li>• Co-ordination with Bidders and other agencies for entire Project cycle including from initiation of Project to award of Project.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrated Experience in Developing Web Portal Software / App for Project Monitoring of large Infrastructure Projects.</li> <li>• Experience in Operating Web Portal Software / App for Project Monitoring of large Infrastructure Projects for at least 3 years from concept to commissioning.</li> </ul>

**Note:**

- (1) *In case of selection of Departmental Employees for any of the above post, they will be considered on lien basis and their pay and benefits shall be protected.*
- (2) *The deductions from the Monthly Compensation viz. PF, PT, IT etc. may be made applicable as per the rule.*
- (3) *The TA / DA etc. applicable for the posts Executive Engineer & equivalent shall be applicable to the Experts for official tour.*