

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

(Special Engagement Drive)
Appointment of Advisors (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 52,292 (CKT KM) of Transmission Lines and 752 EHV Substations with 1,41,938 (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 ADVISORS IN THE FOLLOWING FIELDS:

Speciality	No. of Requirement
Advisor (Design)	1
Advisor (Cost Engineering)	1
Advisor (Projects Co-ordination)	1

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 benefit shall not be constraint for deserving candidates.
- 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 from 30.07.2025 to 08.08.2025. 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.
- 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:

Duration for submission of Resume	30.07.2025 to 08.08.2025
Tentative Date of the Interview	13.08.2025
Final Selection / Declaration of Result	13.08.2025

10. The Contract Period of appointment as Advisor shall be for the initial period of One Year and that can be further extended on administrative need and performance.

Place: Mumbai
Date: 30.07.2025

sd/-
Chief General Manager (HR)

Particulars	Advisor (Design)	Advisor (Cost Engineering)	Advisor (Projects Co-ordination)
Level Range	Superintending Engineer	Superintending Engineer	Superintending Engineer
Qualification	<ul style="list-style-type: none"> 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. Should have headed the Design and Engineering department for Transmission Line with team of more than 10 Design Engineers Proficient in industry standard design software (e.g. AutoCAD, LS-CADD, ETAP, PLS-Tower). In-depth knowledge of electrical codes and standards (e.g. IEEE, IEC, CEA). Strong analytical and problem solving skills. Excellent communication and teamwork abilities. 	<ul style="list-style-type: none"> BE (Electrical Engineering) with more than 20 years' experience and worked with Transmission utility with at least 5 years' experience at senior level in the organization. In-depth knowledge of electrical codes and standards (e.g. IEEE, IEC, CEA). Strong analytical and problem solving skills. Experience in cost engineering of TBCB and RTM Projects. 	<ul style="list-style-type: none"> Bachelors in Engineering. Preference to be given for LLB Holders. Excellent Communication & Interpersonal Skill. Strong Analytical and Problem Solving Skill.
Experience	<ul style="list-style-type: none"> 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. Preparation of Detailed Engineering Drawings, Approval drawings, shop drawings, and fabrication drawings. Foundation design and construction drawings suitable for different soil strata. Preparation of detailed engineering designs, including route selection, structure design and material specifications. Perform mechanical and electrical calculations for line design, electrical clearances and conductor selection & OPGW. Preparation of sag-tension charts for all conductor and earth wire combinations, considering temperature, wind zone, and loading conditions as per IS/IEC standards. Preparation of tower design and checking structural safety of various tower types including suspension, tension, transposition, and special towers. Tower scheduling with optimized tower locations to minimize cost and structural complexity. Knowledge of environmental and regulatory requirements related to transmission line projects. Review of preliminary & Detail survey reports and suggesting route alignment improvements. Finalization of optimized transmission line routing considering clearances, terrain, and right-of-way issues Familiarity with GIS and other mapping tools for route selection and design. Support for design review and approval from authority or third-party agencies ensuring all designs conform to applicable Indian/IEC standards, CEA guidelines, and statutory norms. Finalization of Bill of Quantities (BOQ), specifications, and material lists for procurement and construction. 	<ul style="list-style-type: none"> Preparation of Schedule of Rates (SoR) of all items of transmission lines and substation of all voltage i.e. 33kv to 765kV) and is prepared on quarterly basis for RTM projects. Preparation of separate Schedule of Rates (SoR) specifically for TBCB projects. New method of costing for EHV Transformer and Reactor (Based on contribution of raw materials components) Analysis of EIRR and FIRR for all high voltage level transmission projects. (i.e. Viability analysis) Sensitivity analyses for projects with different combination of interest, debit-equity ratio etc. Price updation to various price level of various items of transmission system using applicable statutory indices Price and market trend analysis for conductor, reinforcement steel, tower steel and other major items of transmission projects. Experience in financial bid evaluation and internal cost benchmarking. TBCB project cost optimization based on the latest previous project awarded cost. 	<ul style="list-style-type: none"> Experience of various issues of land acquisition for substations viz. acquisition of Govt./Pvt. Land, leased land, MIDC land etc., tenancies, various laws & legal issues on the subject matters. Experience of handling land matters of MMR Navi Mumbai and Thane. Co-ordinate and monitoring of completion of stuck up/ work in progress /upcoming projects of EHV Substations along with associated lines & link lines in the State. Knowledge of resolving severe RoW issues while constructing of the projects of various Transmission in the state. Coordinating with revenue authorities for RoW Corridor measuring while constructing of the projects of various Transmission in the state. Coordinating with railways/ NHRCL/ DFCCIL/ NHAI/ Private Industrial consumers like data centers along with shifting of line works under ORC in the state. To deal with large number of stake holders viz. CIDCO, MMRDA, PMRDA, Railways, NHAI, Expressways, farmers, other electrical utilities etc. To coordinate and liasoning with various department /section at Revenue Division / District / Sub- Divisional / Taluka level offices. To co-ordinate with the District Superintendent of Police to avail the police protection where the concern District Collector has issued the order under clause 16 (i) of Indian Telegraph Act, 1885. To co-ordinate for Police Protection issues affecting the project for construction of EHV lines.

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 Superintending Engineer shall be applicable to the Advisors for official tour.