
NOTICE

WAPCOS Limited intends to empanel well qualified & experienced surveyors and engineers, individuals' experts below 65 years for a projects titled as below:

a) Consulting Services for Project Implementation and Management Support for Assam Intra State Transmission System Enhancement Project (Phase II)

Location: **Under Assam Electricity Grid Corporation Limited (AEGCL), Assam**

Last Date: **30.06.2025**

Categories of Expert required for Empanelment (On Short/ Long Term Basis)

Key Experts:

Sl no.	Position	Experience and Qualifications
1	Team Leader 1 No.	<p><u>Qualification</u> - B.E./ B. Tech in Electrical Engineering</p> <p><u>Experience:</u></p> <ul style="list-style-type: none">- The Team Leader shall have professional work record of not less than 15 years in planning, designing, managing, quality assurance and supervising Substation and transmission line project with voltage levels covering 220kV or above.- Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 5 years.- Experts below the age of 65years (as on proposal submission date) shall be preferable. Proven project management, Contract Management, Leadership, Monitoring & Evaluation, reporting, communication, and social skills. Know-how of regulatory frameworks of Power Sector will be an added advantage.- The expert should have the experience of working as a Team Leader under PMC service in any transmission sector project with the financial assistance of International Funding Institutions, the total project cost of such project should be at least 100MUSD having Project Duration of minimum 3 years. Experience of handling multiple sub-projects under a Project funded by an International Funding Institutions will be advantageous.- He/she should have good experience in laying of Underground cables and stringing of High Temperature Low Sag (HTLS) conductor up to the voltage level of 220KV.- Regional experience of Team Leader will be added

advantage.

The Team Leader shall have an excellent command of English both written and orally and a proven record in team leadership as well well as in management of projects with a similar scale.

2.	Substation Expert - 1 no.	<p><u>Qualification</u> - B.E./ B. Tech in Electrical Engineering</p> <p><u>Experience</u></p> <ul style="list-style-type: none">- Substation Expert shall have professional work record of not less than 15 years in planning, designing, managing, quality assurance and supervising substations works of both Air Insulated and Gas Insulated Substations from 132kV to 220kV or above Voltage level.- The substation expert should be well acquainted and have good proficiency in the international modern practices and technologies adopting specially in the construction of Gas Insulated Substations. Knowledge of handling modern software related to Substations will be added advantage.- The expert should have the experience of working under PMC service in any transmission sector project with the financial assistance of International Funding Institutions, the total project cost of such project should be at least 100MUSD having Project Duration of minimum 3 years.- Experience of handling multiple sub-projects under a Project funded by an International Funding Institutions will be advantageous. He must ensure adherence of all safety norms as per the safety regulation of construction of substation during the whole construction cycle. Experts below the age of 65 as on proposal submission date shall be more preferable.
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3	Transmission Line Engineer- 1 no.	<p><u>Qualification</u> - B.E./ B. Tech in Electrical / Mechanical Engineering(Preferably Electrical)</p> <p><u>Experience</u></p> <ul style="list-style-type: none"> - Transmission Line Engineer shall have a professional work record of not less than 10 years in planning, designing, managing, quality assurance and supervising transmission line with voltage levels of minimum 220kV. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years. - He/she shall have experience of not less than 10 years in survey of transmission line at voltage level of minimum 220kV. Experience of Stringing of conductor, erection of special and multi circuit tower and pile foundation in river crossing will be preferred.
4	Procurement and Contract Expert – 1 no.	<p><u>Qualification</u> – Post graduate degree in Engineering</p> <p><u>Experience</u></p> <p>The Procurement and Contract Expert shall have an professional work record of not less than 10 years in managing procurement and contract management for works of similar nature.</p> <p>Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years for any Externally Aided Project. They should have well conversant with the procurement guidelines and procedures of the externally aided project. Expert having certification from MDBs, will be preferable.</p>

5.	Civil Foundation and Building Expert- 1 No.	<p>Qualification: Bachelor or higher degree in civil engineering</p> <p>Experience</p> <ul style="list-style-type: none"> - The engineer should preferably have a bachelor or higher degree in civil engineering and preferably minimum 10 years of relevant experience in designing, quality monitoring and supervising of transmission line and Substations civil foundation works. with voltage levels covering 132kV and upward up to 220kV. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years. - The expert shall have an understanding of High Voltage Transmission line clearances and safety considerations and knowledge on AutoCAD or similar software. He/she should be well conversant with methods and tools involved in the construction or repair of buildings or other structures and specially the different types of foundation involves in transmission lines including pile and well foundation.
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Non Key Expert

Sl no.	Position	Experience and Qualifications
1	Sr. Environmental and Safeguard Expert- 1 no.	<p>The Expert shall have a Master's degree in Environmental Science/Environmental Management/Environmental Engineering or in similar field with 10 years of demonstrated experience in preparation and implementation of EIA/ESIAs and EMP/ESMPs for assessment, management and monitoring environmental and social risks and impacts in linear Infrastructure projects. The expert should be conversant with the Environmental Codes of Practice in the context of Govt of India. The expert should also be conversant with the environmental and social policies of multilateral development banks (MDBs). Regional Experience and experience in overseeing Energy Infrastructure projects will be an added advantage.</p> <p>He/she must have experience of working in at least two Externally Aided Projects for overall period of minimum 5 years. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 5 years.</p>
2	Sr. Social Safeguard Expert-1 no.	<p>The Expert shall have a Master's degree in Social Science / Social Work / Social Management or similar field with 10 years of demonstrated experience in preparation and implementation of social assessments and management plans, resettlement action plan/Tribal Development Plan, Livelihood assessment and restoration plan etc. in linear Infrastructure projects. The expert should also be conversant</p>

		<p>with the social policies of GoI and Multilateral Development Banks (MDBs). Regional Experience and experience in overseeing Energy Infrastructure projects will be an added advantage.</p> <p>He/she must have experience of working in at least two Externally Aided Projects for overall period of minimum 5 years. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 5 years</p>
3	Substation Engineer- 2 nos.	<p>The Substation Engineers shall be an electrical engineer having minimum of bachelor degree and shall have a professional work record of not less than 10 years in planning, designing, managing, quality assurance and supervising substations works with voltage levels of minimum 220kV. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years</p> <p>The Substation Engineers shall possess experience in both Air Insulated Substation and Gas Insulated Substation of minimum 220kV</p>
4	Occupational, Health, Safety Officer- 1 no.	<p>The OHSO Expert shall hold Degree / P.G. Diploma in Electrical / Occupational Health and Safety/ Industrial safety or equivalent from any recognized University/Institution with minimum 5 years of relevant experience in OHS management. The officer should be well conversant with the safety policies and regulations adopted by the MDB funded linear infrastructure projects and should have minimum 3 years' experience. Moreover, the expert having experience of working under PMC services/consultant will be an added advantage.</p>
5.	OPGW/SCADA Engineer- 1 nos.	<p>The OPGW Engineer shall hold an engineering degree (preferably in electronics and communication field) and shall have professional work record of not less than 10 years in planning, designing, managing, quality assurance and supervising OPGW network. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years.</p> <p>The OPGW Engineer shall have experience of installing the OPGW in "Live Line Condition". Experience of stringing OPGW in river crossing is mandatory.</p>
6	Structural Engineer- 1 no.	<p>The engineer should preferably have a bachelor or higher degree in civil or structural engineering. He/she should have minimum 10 years of relevant experience in designing, quality monitoring and supervising of structures used in transmission line and Substations of voltage levels covering 132kV and up to 400kV. Moreover, the expert must have experience of working under PMC services/consultant for a period of minimum 3 years. The Structural Engineer should be well conversant with the Structural design of Transmission Line & Monopole Tower, Structural Design Software.</p>
7	Financial Expert-1 no.	<p>He/ She shall possess minimum Master degree in finance / Commerce or ICWA degree or MBA degree or equivalent in</p>

		Finance. He/ She must have a minimum of 10 Years of Experience and at least 5 years in the financial analysis field. He/ She shall be conversant on project finance and able to carry out financial modelling and analysis. He/ She shall have sound previous experience in performing financial analysis and planning functions and activities in India's public sector, preferably in relation to Power project and/or asset management financing matters. Experience in EAP funded project will be preferable. Moreover, the expert must have experience of working under under PMC services/consultant for a period of minimum 3 years
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Support Staffs:

Sl no.	Position	Number of Staff	Qualifications
1	Electrical Engineer	7	Relevant Degree/Diploma and 2-5 years of Experience
2	Civil/Structural Engineer	7	Relevant Degree/Diploma and 2-5 years of Experience
3	Communication Engineer	3	Relevant Degree/Diploma and 2-5 years of Experience
4	Social Investigation Officer	3	Relevant Degree/Diploma and 2-5 years of Experience
5	Environmental Investigation Officer	3	Relevant Degree/Diploma and 2-5 years of Experience
6	Project Accountant	1	Relevant Degree/Diploma and 2-5 years of Experience
7	Office Manager	1	Relevant Degree/Diploma and 2-5 years of Experience
8	Office Assistant	1	Relevant Degree/Diploma and 2-5 years of Experience

Note: Experts having certificates on trainings on their relevant fields will be given added advantage.

Email: tdp@wapcos.co.in and pwn@wapcos.co.in