

Minimum Qualification Criteria for Appointment of Independent Engineer for “Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase-III Part I”. Spec. No. CTUIL/IE/2025-26/70/R1.

Bidder must read the minimum Qualification criteria provided herein, Proposals of only those bidders who satisfy the minimum qualification will be considered for further evaluation using QCBS methodology. The proposal shall be submitted by an individual firm and not a JV/Consortium.

Employer reserves the right to waive minor deviations if they do not materially affect the capability of the Bidder to perform the contract.

1.1 Technical Experience of firm:

Bidder must meet the following minimum criteria as on the originally scheduled date of bid opening i.e **26.08.2025**.

- i. The Bidder must have experience in providing consultancy services* as Independent Engineer/ Lender’s Engineer/ Project Management Consultant for minimum one (01) no. of 220kV or above completed Transmission Line of line length 25 kms or above during last 10 years.
- ii. The Bidder must have experience in providing consultancy services* as Independent Engineer/ Lender’s Engineer/ Project Management Consultant for minimum one (01) no. of 220kV or above completed Substation# having atleast one (01) no. 220kV or above class ICT during last 10 years.

Note:

** Consultancy services means services provided for review of engineering design/drawings & supervision of construction works.*

Substation mentioned anywhere in this document shall mean Substation / Switchyard / Gas Insulated Substation (GIS)/ Air Insulated Substation (AIS).

In case bidder is a holding company, the technical experience referred to in clause 1.1 above shall be of that holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the technical experience referred to in clause 1.1 above shall be of that subsidiary company only (i.e. excluding its holding company).

1.2 Condition of Eligibility of Key Personnel:

The bidder must provide following key experts with qualifications and competence for the Assignment as mentioned below:

- a) **Project Management expert/Team Leader:** Graduate in Electrical/ Mechanical / Civil Engineering having at least 8 years' experience in EHV transmission projects and have worked in at least two (2) assignments for 345kV or above transmission project as team leader/Project Manager.
- b) **Transmission Line expert:** Graduate in Electrical/ Civil Engineering having at least 5 years' experience in EHV transmission line projects and have worked in at least two (2) assignments for 345kV or above transmission line projects.
- c) **Substation expert:** Graduate in Electrical Engineering having at least 5 years' experience in EHV transmission substation projects and have worked in at least two (2) assignments for 345kV or above substation projects.
- d) *HVDC Expert: Graduate in Electrical Engineering having at least 5 years' experience in EHV projects of 345kV and above/HVDC projects of ± 320 kV and above. He shall also have at least 2 years' experience in Engineering/Commissioning/O&M of HVDC station.*
- e) **Field Engineer-I (Substation):** Graduate/Diploma in Electrical/Civil Engineering having at least 2 years' experience in construction of EHV transmission substation projects.
- f) **Field Engineer-II (Substation):** Graduate/Diploma in Electrical/Civil Engineering having at least 2 years' experience in construction of EHV transmission substation projects.
- g) **Field Engineer-I (Transmission Line):** Graduate/Diploma in Electrical/Civil Engineering having at least 2 years' experience in construction of EHV transmission line projects.
- h) **Field Engineer-II (Transmission Line):** Graduate/Diploma in Electrical/Civil Engineering having at least 2 years' experience in construction of EHV transmission line projects.

Note : O&M experience shall be considered only for HVDC expert and not for other key personnel.

1.3 Financial Position:

- a) The Bidder shall have received a sum of minimum of INR 1 (One) Crore per annum as professional fees for last 03 (three) financial years. For the avoidance of doubt, professional fees hereunder refer to fees received by the Applicant for providing advisory or consultancy services to its clients and shall not include professional fee for undertaking dispute resolution proceeding before courts, tribunals or arbitrators.
- b) The bidder should have positive net-worth for last three financial years.

Note: In case bidder is a holding company, the financial position referred to in clause 1.3 above shall be of that holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the financial position referred to in clause 1.3 above shall be of that subsidiary company only (i.e. excluding its holding company).

1.4 The bidder should be duly incorporated under the relevant laws and should possess ISO 9001 certificate.

1.5 The Bidder shall furnish documentary evidence in support of the qualifying requirement stipulated as above.

2.0 Technical Evaluation Criteria through QCBS Methodology: Only those Bidders who meet the minimum qualification criteria specified above shall qualify for evaluation through QCBS methodology. Minimum Technical Score shall be **Seventy (70)** for qualifying in further evaluation process. The Proposal of the bidder(s) whose Technical Score is less than 70 shall not be considered for further evaluation.

Sl. No.	Criteria	Scoring Criteria		Maxi score	Document required
1	Consultancy Firm Profile			15	
A	Cumulative professional fees for last three (3) financial years. <i>[please refer 1.3 (a) above]</i>	Rs. 3 Cr. To 5 Cr.	10 marks	15	Please refer Note (1)
		More than Rs. 5 Cr. and upto 7Cr.	12 marks		
		More than Rs. 7 Cr.	15 marks		
2	Relevant Experience of Consultancy Firm (during last 10 years as on the originally scheduled date of bid opening)			40	
	Experience as Project	220kV or above	One (01) number	16 marks	Please refer Note (2)

	Management Consultant/ Independent Engineer/ Lender’s Engineer in construction of Transmission projects for	Transmission line	Two (02) numbers	18 marks	20	
			Three (03) or more numbers	20 marks		
		220kV or above Substation	One (01) number	16 marks	20	
			Two (02) numbers	18 marks		
			Three (03) or more numbers	20 marks		
3	Key personnel Qualification and relevant Experience				45	
A	Team Leader cum Project Manager					
	Graduate Engineer (Electrical/ Mechanical/Civil) having experience in relevant work as per clause 1.2 (a) above.	08 years or more but less than 12 years	9 marks	12	Please refer Note (3)	
		12 years or more but less than 16 years	11 marks			
		16 years and more	12 marks			
B	Transmission line Expert					
	Graduate Engineer (Electrical/Civil) having experience in relevant work as per clause 1.2 (b) above.	05 years or more but less than 08 years	5 marks	7	Please refer Note (3)	
		08 years or more but less than 12 years	6 marks			
		12 years and more	7 marks			
C	Substation Expert					
	Graduate Engineer (Electrical) having experience in relevant work as per clause 1.2 (c) above.	05 years or more but less than 08 years	5 marks	7	Please refer Note (3)	
		08 years or more but less than 12 years	6 marks			
		12 years and more	7 marks			
D	HVDC Expert					
	Graduate Engineer (Electrical)	02 years but less	5 marks			

	having experience in relevant work as per clause 1.2 (d) above.	than 04 years		7	
		04 years but less than 06 years	6 marks		
		06 years and more	7 marks		
E	Field Engineer-I (Substation)				
	Graduate/Diploma Engineer (Electrical/Civil) having experience in relevant work as per clause 1.2 (e) above	02 years but less than 04 years	1 mark	3	Please refer Note (3)
		04 years but less than 06 years	2 marks		
		06 years and more	3 marks		
F	Field Engineer-II (Substation)				
	Graduate/Diploma Engineer (Electrical/Civil) having experience in relevant work as per clause 1.2 (f) above	02 years but less than 04 years	1 mark	3	Please refer Note (3)
		04 years but less than 06 years	2 marks		
		06 years and more	3 marks		
G	Field Engineer-I (Transmission Line)				
	Graduate/Diploma Engineer (Electrical/Civil) having experience in relevant work as per clause 1.2 (g) above	02 years but less than 04 years	1 mark	3	Please refer Note (3)
		04 years but less than 06 years	2 marks		
		06 years and more	3 marks		
H	Field Engineer-II (Transmission Line)				
	Graduate/Diploma Engineer (Electrical/Civil) having experience in relevant work as per clause 1.2 (h) above	02 years but less than 04 years	1 mark	3	Please refer Note (3)
		04 years but less than 06 years	2 marks		
		06 years and more	3 marks		
		Total (Marks)		100	

Note (1): The bidder shall enclose with its Proposal, certificate(s) as per format provided in Bidding Document from its Statutory Auditors/ Chartered Accountant stating its total revenues from professional fees during each of the past three financial years.

Note (2): The bidder shall submit documents in support of meeting the technical experience in the form of LOA/ Work order & completion certificate/ payment certificate or any other document evidencing the same.

- Note (3): The bidder shall submit CV of the key personnel as per format provided in Bidding Document, along with details of experience and self-attested copies of Qualification certificate & employment proofs.
- Note (4): The same Project Manager, Transmission line Expert, Substation Expert & HVDC expert cannot be engaged for more than 4 (four) nos. of active contracts awarded by CTUIL.