

**F. No. 15/4/2021-Trans-Part (2)**  
**भारत सरकार / Government of India**  
**विद्युत मंत्रालय / Ministry of Power**  
**(पारेषण प्रभाग / Transmission Division)**

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**श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली- 110001**  
**Shram Shakti Bhawan, Rafi Marg, New Delhi-110001**

**दिनांक: 27 सितंबर, 2023**

To,


1. Chairperson, Central Electricity Authority, New Delhi.
2. Secretary, Central Electricity Regulatory Commission, New Delhi.
3. Additional Chief Secretaries/ Pr. Secretaries/ Secretaries of Power/ Energy Departments of all States/ UTs and Heads of Power Sector Organizations under States/UTs.
4. Chairman/ Managing Directors of all power sector CPSUs (under Administrative control of M/o Power).
5. COO, Central Transmission Utility of India Limited.
6. Chairpersons of all SERCs/JERCs – for kind information please.
7. CEO, RECPDCL.
8. CEO, PFCCL.
9. CMDs/MDs, Transcos of all States/UTs.

**Subject: Amendment in the SBDs for procurement of Inter-State Transmission Services through Tariff Based Competitive Bidding (TBCB) process (Inclusion of provisions of Aggregate Capital Cost w.r.t. STATCOM Systems) – reg.**

Sir,

Reference is invited to revised Standard Bidding Documents (comprising "Request for Proposal (RfP)" and "Transmission Service Agreement (TSA)") for procurement of Inter-State Transmission Services (ISTS) through Tariff Based Competitive Bidding (TBCB) process, issued by Ministry of Power, vide OM No. 15/1/2017- Trans dated 13<sup>th</sup> August 2021 and amendments issued thereon. In this regard, I am directed to say that it has come to the notice of this Ministry that the provisions to derive the Technical Requirement w.r.t. STATCOM Systems (i.e. Aggregate Capital Cost of projects/ Aggregate Payments Received (CAPEX) to be met by the bidding company or Lead member of the Bidding Consortium) are not mentioned in the Standard RfP.

2. The matter has been examined in this Ministry, in consultation with CEA, and it has been decided to modify the para 2.1.2 of the Standard Request for Proposal (RfP) document as under by including the provisions of Aggregate Capital Cost w.r.t. **STATCOM:**

  
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### 2.1.2 Technical requirement to be met by the Bidding Company or Lead Member of Bidding Consortium

The Bidder must fulfill any one of the following technical requirements:


- i. Experience of development of projects in the Infrastructure Sector in the last five (5) @ years with aggregate capital expenditure of not less than **Rs. \_\_\_\_\_ Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1). However, the capital expenditure of each project @@ shall not be less than **Rs. \_\_\_\_\_ Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1).

For this purpose, capital expenditure incurred on projects that have been commissioned/ completed at least seven (7) days prior to Bid Deadline shall be considered. The capital expenditure discussed above shall be as capitalized and reflected in the audited books of accounts of the Technically Evaluated Entity. In case a clearly identifiable part of a project has been put into commercial operation, the capital expenditure on such part of the project shall be considered. The Technically Evaluated Entity must have either executed such projects itself or must have held directly or indirectly at least twenty six percent (26%) of the shareholding in the company that has executed the project(s) from the date of financial closure of the project(s) till the time of commissioning/completion of such project(s).

OR

- ii. Experience in construction of project in infrastructure sector: The Technically Evaluated Entity should have received aggregate payments not less than **Rs. .... Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1) from its client(s) for construction works fully completed during the last five (5) @ financial years. However, the payment received from each project @@ shall not be less than **Rs... Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1).

For this purpose, payments received on projects that have been commissioned/ completed at least seven (7) days prior to Bid Deadline shall be considered. Further only the payments (gross) actually received, during such five (5) @ financial years shall qualify for purposes of computing the technical capacity. For the avoidance of doubt, construction works shall not include cost of land, supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract/ EPC contract for the project. Further, in cases where different individual contracts are signed between same entities for the same project, the cumulative payments received under such individual contracts shall be considered for meeting the qualification requirement.

  
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The Technically Evaluated Entity may be the Bidding Company or the Lead Member of a Consortium or an Affiliate or Parent of such Bidding Company or the Lead Member, as the case may be.

[Required aggregate capital cost of projects/ aggregate payments received for projects to be calculated as per below tables:

**a. HVAC System:**

Voltage Level	For transmission line (irrespective of conductor per phase)	For transformation capacity
Below 220 kV	0.5 Crore/	0.25 Crore/ MVA
220 kV	0.8 Crore/	0.15 Crore/ MVA
400 kV	2.0 Crore/	0.12 Crore/ MVA
765 kV & Above	4.0 Crore/	0.1 Crore/ MVA

**b. HVDC System:**

Voltage Level	For transmission line (irrespective of conductor per phase)	For HVDC terminal Station
800 kV (LCC)	3.8 Crore/ Km	1.45 Crore/ MW

**c. STATCOM for HVAC System:**

Voltage Level	STATCOM
400 kV	Rs. 0.55 Crore/ MVAR


In case a project involves more than one voltage level, the requirement shall be total requirement of all voltage levels involved. However, the minimum required aggregate capital cost of projects/ aggregate payments received for projects shall be Rs. 500 Crore.]

[Individual project experience @@@ to be calculated to be calculated 20% of the above calculated aggregate capital cost of projects/ aggregate payments received for the projects. However, the minimum individual project experience shall be Rs. 100 Crore.]

**Note: There will be relaxation in Technical Requirement for HVDC System for a period of 2 years from 08.08.2023 as under:**

@ "five (5) " years/financial years to be read as "Ten(10)" years/financial years

@@ "each project" to be read as "at least one (1) project"

  
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@@@ "Individual project experience" to be read as "Individual project experience of at least one (1) project"

Bidders shall furnish documentary evidence duly certified by authorized signatory of the Bidder who has been issued Power of Attorney in support of their technical capability as defined in Clause 2.1.2 of this RFP.

3. This amendment in Technical Requirement for STATCOM system is also applicable for under bidding projects.

4. This issues with the approval of the Hon'ble Minister of Power and New & Renewable Energy.

Yours faithfully,

  
27/9/2023.

(बिहारी लाल)

अवर सचिव, भारत सरकार,

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ई-मेल: transdesk-mop@nic.in

Copy to,

1. PS to Hon'ble Minister of Power and NRE.
2. APS to Hon'ble Minister of State for Power.
3. Sr. PPS/ PPS/PS to Secretary (Power)/ SS&FA/ Addl. Secretaries/ Joint Secretaries/ Economic Advisor/ All Directors Ministry of Power.
4. Technical Director, NIC, MoP – with the request to upload the letter on the website of MoP