



Annexure 1

Amendments to Eligibility Qualification Criteria Document

Except following changes , All clauses / clause number remain same of the Eligibility Criteria given in the Tender Document

For any discrepancy of any kind, Original Tender document of respective part will be considered

Clause 2.3 (b) Experience of Technical Qualifying Requirement in Planning, Design and Engineering: (Similarly for cl 6.2.1 of NIT).

The Bidder shall appoint Design Consultant or individually qualify, having minimum experience in Planning, Design and Engineering for a completed / on-going (60% of Contract Value completed) Hydroelectric Project of minimum capacity of 36 MW or more which includes a Barrage, Head Race Tunnel and Powerhouse.

OR

The bidder may submit an undertaking from the proposed subcontractor in for Planning, Design and Engineering works relating to the required experience within one month from date of issue of Letter of Acceptance (LOA) for the Planning, Design and Engineering portion of the work for approval of the Employer.

a) Experience in Design and Engineering of at least one completed/substantial completion (at least 60% of Contract Value) ongoing Hydroelectric Project / Pump Storage project in preceding Twenty (20) years with project capacity greater than 36 MW.	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)
b) Specific Experience in Design and Engineering of the following major components in a completed/ongoing in any Hydroelectric project/Pump storage project preceding 20 years: i. Barrage/Concrete Gravity Dam of minimum height 13 m with Radial Gates.	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)



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ii. Concrete lined Tunnel with minimum finished dia. 5.8 m & minimum length 3600 m. iii. Surface/Sub surface/ Under Ground Powerhouse of minimum 36 MW unit(s). In case the bidder does not possess experience of Design and Engineering in any of the above structures, then the bidder shall be required to propose a Sub-contractor having experience as above.			
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(C1)Civil Work : General Experience (Similar for cl 6.2.2.1 of NIT)

Bidder shall have General Experience as Prime Contractor or Partner of Joint-Venture/ Consortium, of executing the following completed similar works, during last 20 (twenty) years ending on last date of submission of Bids: Completion/ substantial completion (at least 60% of Contract Value) of the similar work(s), fulfilling any one of the following: At least 1(one) similar work of value not less than INR 620.00 Crore (or equivalent other foreign currencies, i.e. US \$ / Euro etc.), Or,	Must meet requirement	Must meet requirement	Form EXP-1 in Section-4 (Bidding Forms)
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At least 2(two) similar works each of value not less than INR 412.00 Crore (or equivalent other foreign currencies, i.e. US \$ / Euro etc.),

Or,

At least 3(three) similar works each of value not less than INR 310.00 Crore (or equivalent other foreign currencies, i.e. US \$ / Euro etc.).

Note:

“Similar works” are defined as any Civil Engineering works related to Infrastructure in Hydroelectric/Irrigation & Water Resources/Railways/Highway Project.

“Substantial completion” shall mean as below:

Substantial completion shall mean that at least 60 % of the financial value under the contract is complete and functional utility of the structure (s) are attained. Certificate for “substantial completion” of work issued by respective clients shall contain two parts - 'financial value of work done' and 'certificate of functional completion of work'. For example, if a bidder completes minimum 60% of financial value under the contract, and the functional utility of the structure under the contract indicated in para 1 above under “Note” is



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attained, then the bidder shall be considered to fulfil the qualifying requirement specified at Clause 6.2.2.1, subject to the value of works completed is equal to or more than the minimum value of works specified in the above QR at Clause 6.2.2.1. For conversion of foreign currencies, i.e. US \$ to INR, the exchange rate on the 31st March of the corresponding completion year shall be considered (As per cl 6.2.2.1 of NIT)			
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**(C2) Specific Construction Experience in Key Activities in Construction of Civil Works
(Similar for cl 6.2.2.2 of NIT)**

Successful experience as Sole/prime Contractor or Partner of the JV/ Consortium for executing the following Key activities during last Five (5) years, ending on last date of submission of Bids. a) Cumulative Underground / Open Excavation – 1,50,000 Cum b) Cumulative Concreting – 1,75,000 Cum Note: In case the participation/profit sharing percentage of Bidder in JV Agreement is atleast 35%, full credit of the work executed by the JV shall be given to such bidders.	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)
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(d) Experience in Key Activities in Hydro-mechanical Works (Similarly for cl 6.2.3 of NIT)

Experience as prime contractor or as partner in a JV/ Consortium or Sub-contractor approved by the Owner of executing at least one Hydro-mechanical work of contract value in INR 30 Crore (Indian Rupees Thirty Crore only) or equivalent other foreign currencies, i.e. US \$ or in Hydro / Pumped Storage /Water Resource project in the last 20 (Twenty) years ending on last date of submission of Bids.

OR

The bidder can submit all the required documents in respect of proposed Subcontractor for Hydro-Mechanical works relating to the above experience within three (3) months from the Letter of Acceptance, with an undertaking from the subcontractor .

General Experience Experience as prime contractor or as partner in a JV/ Consortium or Sub-contractor approved by the Owner of executing at least one Hydro-mechanical work of contract value in INR 30 Crore (Indian Rupees Thirty Crore only) or equivalent other foreign currencies, i.e. US \$ or in Hydro / Pumped Storage /Water Resource project in the last 20 (Twenty) years ending on last date of submission of Bids.	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)
Specific Experience:- Successful experience in design, manufacturing, installation, testing and commissioning of the following Hydro Mechanical items/works in Hydro / Pumped Storage /Water Resource Project in preceding 20 (Twenty) years ending on last date of submission of Bids. a) Radial Gate: Design, manufacturing, supply installation, testing	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)



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and commissioning of Radial Gate operated by hydraulic hoist with $A \times H = 1500 \text{ m}^3$ or more b) Penstock: Design, manufacturing, supply, installation, testing and commissioning of Penstock/steel liner with $D \times H = 420 \text{ m}^2$ or more. c) Vertical Lift Gate: Design, manufacturing, supply, installation, testing and commissioning of Fixed Wheel type Vertical Lift Gate with $A \times H = 430 \text{ m}^3$ or more. Where: “A” denotes an area (Clear Width by Clear Height) for One Gate in m^2. “Clear Width” denotes distance between inner faces of two opposite piers in meter. “H” (for Gates) denotes the normal design head at the bottom of the gate in meter. “D” denotes maximum inside diameter of a steel liner in meter. “H” (for Penstock) denotes the maximum design head in meter.			
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(e) Experience in Key Activities in Electro-mechanical Works (As per cl 6.2.4 of NIT)

Successful experience of completed works, either by the bidder company itself or by the proposed manufacturer(s) for Designing, Manufacturing, Installation, Testing and Commissioning of Electro-Mechanical works of 36 MW or more in a completed / on-going (60% of Contract Value completed) Hydro-electric project in preceding 20 years.

OR



The bidder should give an Undertaking with any of the below Vendors/Subcontractor with following commitment

1. BHEL
2. ANDRITZ
3. VOITH HYDRO
4. GE VERNOVA
5. Or Any Other vendor which satisfies the EQC Criteria of EM

Subject to that the Vendor gives undertaking that the Vendor

1.has studied the bid documents in detail and agreed to execute as specified terms & conditions, specifications and to comply with performance parameters, Performance Guarantees including provision of time scheduled etc.

2.Submit the CPG value as mentioned in the tender within a maximum period of 3 months from the date of LOA

General Experience: Successful experience of completed works by the proposed manufacturer(s) for Designing, Manufacturing, Installation, Testing and Commissioning of Electro-Mechanical works of 36 MW or more in a completed / on-going (60% of Contract Value completed) Hydro-electric project in preceding 20 years.	Must Meet	Must Meet	Form EXP-2 in Section-4 (Bidding Forms)
Specific Experience: Successful experience, either by the Bidder itself or by the proposed manufacturer who have given authorization to the bidder in required format, in design, engineering, manufacturing, erection, testing and commissioning of the following electro-mechanical items / works	Must meet requirement	Must meet requirement	Form EXP-2 in Section-4 (Bidding Forms)



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in preceding twenty (20) years. The beginning and end date to be adopted for evaluation should fall within the preceding 20 years reckoned from the last day of the month previous to the one in which bids are invited. i) Hydro Turbine-Generator Unit with Vertical Shaft Francis Turbine and Synchronous Generator having a rated output of 36 MW or higher at generator terminals. Documentary evidence in support of the above experience indicating details like scope of work; value of works executed; date of completion/ substantial completion of the work; name & address including contract no., email address of the clients/ employers/ owners; satisfactory completion/substantial completion of work shall be furnished. The documents should be in the form of copies of Work Order and certificate of completion/ substantial completion from clients/ employers/ owners.			
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