



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956) CIN: U40100KL2011SGC027424

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Abstract

Erection of Supplied Electro Hydro Mechanical Equipment and Supply and Erection of BOP Equipment of Pallivasal Extension Scheme Hydroelectric Project (2x30MW) - modification of tender conditions- Sanctioned -Orders issued.

Corporate Office (SBU-G/E)

B.O(FTD)No. 652/2021 (25/AE2/2014/CE(PED)) Thiruvananthapuram.Dated: 14-09- 2021

- Read:
- 1.Tender No.CEPED/08/2020-21 dated 04 .08.2020 of the Chief Engineer (Generation & PED).
 2. B.O(FTD) No.568/2021 (No.25/AE2/2014(CE(PED))) dated 09.08.2021.
 3. Tender No.CEPED/08/2021-22dated 11.08.2021 of the Chief Engineer (Generation & PED).
 4. Note No. 25/AE2/2014/CE(PED)/691 dated 07.09.2021 of the Chief Engineer (Generation & PED) to the Full Time Directors through the Director (Gen.- Electrical) as per Agenda Item No. 55/9/21.

ORDER

In compliance with the Board Order read as 2nd above, the tender read as 1st above invited for the work of Erection of Supplied Electro Hydro Mechanical Equipment and Supply and Erection of BOP Equipment of Pallivasal Extension Scheme Hydroelectric Project(2x30MW) was cancelled and the same was retendered as per the tender read as 3rd above, with modified tender conditions.

As per clause 2.29.1, which is one of the modified tender conditions, the bidder should have satisfactorily completed at least two hydroelectric projects of unit capacity of at least 15MW vertical Pelton set during the last ten years as on the date of notice inviting bid and the same are in successful operation for a minimum period of two years.

Even though the notice inviting tender was forwarded to many prospective bidders, in the pre-bid meeting conducted on 16.08.2021, only two Nos. prospective bidders participated. One of the participants, M/s Fitwell construction has requested as per letter dated 24/08/2021 to consider experience of Erection & commissioning of projects completed during previous 12 years for pre-qualification. Also M/s. B Fouress(P) Limited as per letter dated 23.08.2021 has requested to consider the experience of completion of only one No. hydroelectric project of unit capacity of 15MW instead of 2 Nos. as required in the tender and also to exclude experience of planning from the condition for pre-qualification. Also M/s. Steel Builders Engineers and Constructors as per letter dated 24.08.2021 has intimated that in the last 10 years very few hydro electric projects of vertical Pelton type are commissioned and hence it is very difficult to get competitive bidding and has requested to modify the Qualification Criteria for Technical Capability as follows:

"The erection contractor who can also be a hydro turbine manufacturer should have satisfactorily completed at least two units capacity of at least 15MW vertical Pelton set during the last twelve years as on the date of notice inviting bid and the same are in successful operation for a minimum period of two years."

In view of the above requests, it is suspected that number of bidders participating in the tender may not be sufficient for finalizing the tender if the pre-qualification is done as per the published tender conditions. Hence for improving possibility of participation and for attracting many other prospective bidders the Chief Engineer (Generation & PED) has suggested to modify Clause No. 2.29.1 for pre-qualification such that the bidder can be pre-qualified if he has completed at least two units of vertical Pelton machines with unit capacity of at least 15MW within last twenty years as on the date of notice inviting bid can also be considered for prequalification as follows;

Description of Existing Clause	Proposed Modification/addition
<p>The bidder must be an established contractor having experience in erection, testing and commissioning of complete electro mechanical and hydro mechanical equipment and experience in planning, engineering, supply erection, testing and commissioning of complete BoP equipment. The successful bidder shall ensure proper erection, testing and commissioning of the supplied and the partially erected equipment as per Appendix 1&2. consisting of turbine, Generator and associated equipment and shall also ensure supply of the balance spares in the list at Appendix 3 and any other item required for the successful commissioning of the project and shall provide guarantee as required in the tender conditions. The erection contractor who can also be a hydro turbine manufacturer should have satisfactorily completed at least two hydroelectric projects of unit capacity of at least 15MW vertical Pelton set during the last ten years as on the date of notice inviting bid and the same are in successful operation for a minimum period of two years. The bidder should also have satisfactorily completed the BoP portion at least one hydroelectric project of capacity of at least 15MW (25% of the station capacity) including planning, engineering and supply during the last ten years as on the date of notice inviting bid. In case of Consortium, all partners combined need to meet the requirement. However a consortium partner's experience/ capability in his specific area of work/service will be considered only if it is in his scope of work as per the consortium agreement. The bidder shall procure Digital governor system, Excitation (excluding excitation transformer) DCS and protection from the indigenous manufacturers ABB/ Andritz/ GE/ Voith and get testing and commissioning carried out by the manufacturer of that item as a package including supervision of erection.</p> <p>All relays shall be from vendors having indigenous supply and service facility and of ABB/ GE/ Alstom/ Siemens/ Schneider/ Cell/ Andritz.</p>	<p>The bidder must be an established contractor having experience in erection, testing and commissioning of complete electro mechanical and hydro mechanical equipment and experience in planning, engineering, supply erection, testing and commissioning of complete BoP equipment. The successful bidder shall ensure proper erection, testing and commissioning of the supplied and the partially erected equipment as per Appendix 1&2. consisting of turbine, Generator and associated equipment and shall also ensure supply of the balance spares in the list at Appendix 3 and any other item required for the successful commissioning of the project and shall provide guarantee as required in the tender conditions. The erection contractor who can also be a hydro turbine manufacturer should have satisfactorily completed at least two units of vertical Pelton set with unit capacity of at least 15 MW during the last twenty years as on the date of notice inviting bid and the same are in successful operation for a minimum period of two years. The bidder should also have satisfactorily completed the BoP portion at least one hydroelectric project of capacity of at least 15MW (25% of the station capacity) including planning, engineering and supply during the last ten years as on the date of notice inviting bid. In case of Consortium, all partners combined need to meet the requirement. However, a consortium partner's experience/ capability in his specific area of work/service will be considered only if it is in his scope of work as per the consortium agreement. The bidder shall procure Digital governor system, Excitation (excluding excitation transformer) DCS and protection from the indigenous manufacturers ABB/ Andritz/ GE/ Voith and get testing and commissioning carried out by the manufacturer of that item as a package including supervision of erection.</p> <p>All relays shall be from vendors having indigenous supply and service facility and of ABB/ GE/ Alstom/ Siemens/ Schneider/ Cell/ Andritz.</p>

The subject matter was placed before the Full Time Directors as per Note read as 4th above for a decision.

Having considered the matter, the FTD meeting held on 10-09-2021 resolved to accord sanction to modify tender conditions for pre-qualification as proposed to ensure sufficient competition and upload the same via corrigendum in anticipation of approval from Board of Directors.

Orders are issued accordingly.

By Order of the Full Time Directors,
Sd/-
Lekha G
Company Secretary (In charge)


To

The Chief Engineer (Generation & PED), Moolamattom.
The Deputy Chief Engineer (Projects Electrical Designs).

Copy to:

The Financial Advisor/ The Chief Internal Auditor/The Company Secretary.
The Deputy Chief Engineer (IT)/ The RCAO/The RAO.
The TA to {Chairman & MD/ Director (GE)/ Director(GC)/ Director (Trans.& SO)/
Director (Planning, Safety & SCM)/Director(REES, Soura, Sports & Welfare/Director (D&IT) }
The PA to Director (Finance).

Forwarded / By Order


Asst. Exe. Engineer