



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

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ABSTRACT

Chinnar Small Hydro Electric Project (24MW-76.45 Mu) – Phase II Works on Construction of Power House, Valve House, Tail race, Switch yard, Hydro Mechanical and Electro Mechanical works –Award of Work – Sanctioned- Orders issued.

CORPORATE OFFICE (SBU-G/C

BO (DB)No.483/2022(No.DGC/AEEIII/Chinnar/2014)

Thiruvananthapuram,Dated: 04.06.2022

- Read: 1. B.O(DB)No.1076 /2017 (DGC/AEE III/Chinnar/2014) dated 25.4.2017.
2. BO(FM) No. 140/2020 (DGC/AEEIII/Chinnar/2014) dated 03.03.2020.
3. Note No. LA&DEO/R/175/2021 dated 11.01.2022 of the LA&DEO, KSEBL.
4. Note No. FA/Tender-I/13/2022 dated 13.02.2022 of the Financial Adviser, KSEBL.
5. Remarks No. FA/Tender-I/13/2022 (1) dated 02.03.2022 of the Financial Adviser,KSEBL.
6. Note No. CE(CI&CC)/AE2/2022/333 dated 10.03.2022 of the Chief Engineer (C-I&CC)
7. Note No. CE(CI&CC)/7/Chinnar-PH/201-22/1212 dated 23.03.2022 of the Chief Engineer (C-I&CC).
8. Note No. DGC/AEE III/MKLM/2014 dated 18.04.2022 of the Chairman & Managing Director to the Director Board .
9. Proceedings of the 64th meeting of the Board of Directors held on 12.05.2022 (Agenda Item No: 11-5/2022)

ORDER

The Chinnar HE Scheme is a run off river scheme proposed by the KSEBL to utilize the water available from the catchment area of 143.64 sq.km of Perinjankutty River, a major tributary of Periyar. The Installed capacity of the proposed scheme is 24 MW (2x 12 MW) with an expected annual energy generation of 76.45 Mu.

KSEBL as per B.O read as 1st above, accorded revised administrative sanction for the execution of the Chinnar SHEP at a total outlay of ₹269.87 Crore (Cost including IDC at 11% after availing MNRE grant of ₹20.00 Crore) based on DSR 2016.

Since acquisition of land required for the power house area (84 cents) was pending, during the Phase I, sanction was accorded for inviting tender for civil works excluding that of the power house, deciding that the civil works of the Power House be tendered separately in the second phase along with the tender for the E & M works. KSEBL accorded sanction as per B.O read as 2nd above to invite tender for the execution of both

the balance civil and electro mechanical works (Phase-II) together, subject to ensuring availability of the land for the Power House and on the condition that the major electro mechanical suppliers should be indigenous.

The tender for the Phase-II works with an estimated PAC of ₹91.00 Crores (excluding GST) was invited on 09.11.2021. There were only two bidders and the Pre-Qualification Committee in its meeting held on 23.12.2021 decided to pre-qualify both the bidders. The lowest quote was made by M/s. PGCCPL - Aryacon - FEPL Consortium for an amount of ₹117,28,86,272.36 (Rupees One Hundred and Seventeen Crores Twenty Eight Lakh, Eighty Six Thousand Two Hundred and Seventy Two and Paise Thirty Six only). The Price bids were evaluated by the Chief Engineer (Gen. & PED) and it was reviewed by the LA&DEO and the Financial Adviser. The time of completion of the work has been scheduled as 24 months.

The Chief Engineer and the Director subsequently made negotiations with the lowest bidder to reduce the rates for items in Sl. Nos.3.01 and 3.02 respectively in BoQ 3 which were much higher than the estimate rates and thus M/s. PGCCPL - Aryacon - FEPL Consortium offered revised quote for ₹116,65,30,340/- (Rupees One Hundred and Sixteen Crores Sixty Five Lakh Thirty Thousand Three Hundred and Forty only), with an overall excess of 28.56% above the estimate.

The Chief Engineer (Civil-Investigation & Construction Central) has recommended to award the work to the lowest bidder justifying that the original estimate was prepared on the basis of the DSR 2016. As per the DSR 2018, there is a price increase of nearly 10% in the civil works (BOQ-1) and in case of HM works & E&M works, there is huge increase in the price of steel during the past 5-6 years which is going to be further aggravated by the ongoing Russia – Ukraine war, thus making the quote for BOQ-2.3&4 reasonable. Further, there is no escalation clause provided in the tender.

The proposal was considered by the Full Time Directors in its meeting held on 29.03.2022 and it was decided to place the matter before the Board of Directors for decision. Accordingly, the proposal was placed before the 64th meeting of the Board of Directors held on 12.05.2022 as per note read as 8th above.

The Board discussed the matter in detail and resolved to accord sanction to approve the proposal, to award the work "Chinnar Small Hydro Electric Project (24MW, 76.45Mu) - Phase-II - "Construction of Power House, Valve House, Tail race, Switch yard, Hydro Mechanical and Electro Mechanical works" to the lowest bidder M/s. PGCCPL – Aryacon - FEPL Consortium, Aiswarya Towers, Puthencruz Road, Karimugal P. O, Ernakulam, at their negotiated quoted amount of ₹116,65,30,340/- (Rupees One Hundred and Sixteen Crores Sixty Five Lakh Thirty Thousand Three Hundred and Forty only) excluding GST (overall excess of 28.56%), after due competent tender process.

The Chief Engineer (Civil- Investigation & Construction Central) shall take further necessary action in this regard.

Orders are issued accordingly.

**By Order of the
Director Board**

Sd/-


**LEKHA G
Company Secretary**

To:

**The Chief Engineer (Civil- Investigation & Construction Central)
Thiruvananthapuram.**

Copy to: 1. The Chief Engineer (IT,CR&CAPS)/ Financial Adviser / Chief Internal Auditor/Company Secretary,
2. The RCAO/RAO
3. The TA to (CMD/Director (G-C)/ Director (G-E)/ Director (T & SO, Planning & Safety)/ Director (D&SCM)/ Director (REES , Soûra, Nilaavu projects, Sports & W)
4. PA to Director (Finance, IT & HRM)
5. Stock file/File

Forwarded / By Order


Assistant Executive Engineer