



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

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ABSTRACT

Erection of supplied Electro Hydro Mechanical equipment in power house of Thottiyar (1x10+1x30) MW HEP - Engaging commissioning Engineers by E&M contractor and appointing Senior Consultant for KSEBL on contract basis - Sanctioned - Orders issued.

SBU-GE

BO (FTD)No.334/2023(DIRGE-AEE4/2022/705) 182

Thiruvananthapuram, Dated: 03.07.2023

- Read: 1. B.O. (DB) No.3269/2016(DGC/AEIII/THYR/2014) dated 19.11.2016.
2. B.O. (DB) No.681/2019 (D(GE)/G2/Thottiyar/2019-20) dated 05.09.2019.
3. Work Order No. 01/2020-21 dated 03.07.2020.
4. Letter No. FC/TVM/2487 dated 24.04.2023.
5. Letter No. EDK/THEP/2023-24/54 dated 09.05.2023 of the Executive Engineer, Erection Division, Kallarkutty.
6. Letter No. FC/TVM/2503 dated 19.05.2023.
7. Note No. DIRGE-AEE4/2022/705 (2) dated 29.05.2023 submitted to the Full Time Directors [Agenda item No. 54/6/23].

ORDER

The contract for construction of Thottiyar (1X10+1X30) MW HEP was initially awarded to M/s. Coastal Projects Limited - Chongqing Longsheng Xia'an Joint Venture (M/s.CPL - Chongqing JV). M/s. CPL was responsible for all the civil works and M/s. Chongqing Longsheng Xian Hydro Electric Manufacturing Co Ltd, China was responsible for the E&M works including design, supply of E&M equipment and deputing specialist for erection, testing and commissioning. But the work could not be completed in time as envisaged in the agreement due to various reasons and the contract was foreclosed as per the B.O. read as 1st above. Subsequently as per the B.O. read as 2nd above sanction was accorded to carry out the balance E&M works of Thottiyar HEP departmentally through experienced E&M erection contractors, including purchasing required equipment departmentally.

Accordingly the work for Erection of supplied Electro Hydro Mechanical equipment in Power house of Thottiyar (1x10+1x30) MW HEP was awarded to M/s. Fitwell constructions as per the Work order read as 3rd above. The contract amount is Rs.6,79,08,754/-. As per the Work Order the work should have been completed in all respect, tested, commissioned and handed over to KSEBL within 09 months from the date of issue of work order. The time extensions for completion of work was granted up to 31.10.2021, 31.07.2022, 31.03.2023 and finally up to 31.07.2023 without LD to the contractor and without any additional financial commitment to KSEBL.

As per the Work Order issued provision for supervision charges for respective OEMs for Erection, Testing and Commissioning of the items supplied by original contractor has been provided. The E&M contractor, as per the letter read as 4th above has informed that M/s. Chongqing, China (OEM of Turbine and Generator at THEP), up on their request, has refused to engage their commissioning Engineers at Thottiyar HEP for want of Guarantee from KSEBL. Since the pre-commissioning of MIVs of both the units are to be conducted before filling of Penstocks in the presence of commissioning Engineers and Engineers are not available from M/s. Chongqing China (OEM), the contractor has requested for granting permission to deploy Commissioning Engineers from reputed Indian companies for supervising Erection and Commissioning of equipments at Thottiyar HEP and requested for payment of same supervision charges as per serial No.1.38 of BOQ (Schedule of Prices) provided in the work order.

Since the supervision charges as provided in work order is for engaging Commissioning Engineers from OEMs (M/s. Chongqing China), the contractor has been asked to submit a realistic unit basic rate for engaging Commissioning Engineers from reputed Indian companies with price split up. Accordingly the contractor, as per the letter read as 6th above has offered a rock bottom rate for Commissioning Engineers from reputed Indian companies for the Erection and Commissioning of equipments supplied by original contractor at unit basic rate of Rs.12,830/- per day for two Engineers without GST. GST @18% Extra is to be paid as provided in Work Order. In order to substantiate their above offer, they have also enclosed an offer received from M/s. Jaladhara Smart Solutions for Supervision of Installation and Commissioning charges Rs.15,000/- per person per day with food, accommodation and travel in customer scope.

Considering all the above and exigency of the work to be completed for commissioning of the Thottiyar HEP as per target, the Deputy Chief Engineer (PED) with Full Power Of Chief Engineer has requested to grant permission to the E&M Contractor, M/s.Fitwell Constructions for deploying commissioning Engineers from reputed Indian companies or accredited agency instead off rom OEM (M/s. Chongqing, China) for Erection, Testing and Commissioning of the items supplied by original contractor at Thottiyar (1x10+1x30) MW Hydro Electric Project at unit basic rate of Rs.12,830/- per day for two Engineers without GST and payment of GST @18% Extra.

During Erection and Commissioning of equipment, including Hydro Testing of MIVs, by the E&M contractor in the presence of commissioning Engineers from reputed company / accredited agency deputed by them specialized officers having enough expertise and experience from KSEBL side shall witness the Testing and Commissioning activities to confirm its authenticity of correctness. The Executive Engineer, Erection Division, Kallarkutty has requested in the review meeting held on 28.04.2023 to appoint experts on temporary basis in accordance with the provisions contained in the Board Order dated 05.07.2022. Executive Engineer, Erection Division was directed to nominate the names of experts persons from technical advisory committee viz Sri. Jose Mathew, Deputy Chief Engineer (Rtd), KSEBL and Sri.C.N.Jayarajan, Deputy Chief Engineer (Rtd), KSEBL

after collecting their willingness for the same.

Accordingly the Executive Engineer, Erection Division, Kallarkutty, as per the letter read as 5th above, has reported that Sri. Jose Mathew, Deputy Chief Engineer (Rtd), KSEBL has expressed his willingness, up on enquiry, to work as technical expert to witness the Erection and Commissioning of equipments from KSEBL side. The Executive Engineer also reported that Sri. Jose Mathew was working as Assistant Engineer during the entire period of erection work of Lower Periyar Power House and he was also a team member for the restoration of Panniyar Penstock. Moreover he has served KSEBL for 26 years in Generation Wing of KSEBL. Moreover he was originally appointed as the Head of technical advisory committee formed for Pallivasal Extension Scheme (PES), with remuneration Rs.10,000/- per day (limited to 6 days in a month), sanctioned vide B.O dated 19.03.2021 and still continuing in the re-constituted technical advisory committee also thereafter. Hence the Executive Engineer has recommended Sri. Jose Mathew, Deputy Chief Engineer (Rtd), KSEBL, who is having key expertise and good experience in this required area, for appointment as Senior Consultant on temporary basis with Rs.5,000/- per diem for 30 days.

The matter was placed before the Full Time Directors as per the Note read as 7th above.

Having considered the matter in detail, the full Time Directors in its meeting held on 23.06.2023 has

Resolved to grant permission to the E&M Contractor, M/s.Fitwell Constructions for deploying commissioning Engineers from reputed Indian companies or accredited agency due to non-availability of experts from OEM (M/s. Chongqing, China) at Thottiyar (1x10+1x30) MW Hydro Electric Project for Erection, Testing and Commissioning of the items supplied by original contractor at unit basic rate of Rs.12,830/- per day for two Engineers without GST and payment of GST @18% Extra.

Further resolved to grant permission for availing the services of Sri. Jose Mathew, Deputy Chief Engineer (Rtd), KSEBL, as Senior Consultant for KSEBL on temporary basis for KSEBL to witness the Erection, Testing and Commissioning of the items supplied by original contractor with Rs.5,000/- per diem for 30 days.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

sd/-

**LEKHA G
Company Secretary**

To:

The Deputy Chief Engineer (PED) with full powers of Chief Engineer.

Copy to: The Chief Engineer (IT,CR&CAPS)/ Financial Advisor/ LA&DEO/ Chief Internal Auditor/ Company Secretary
The TA to the Chairman & Managing Director / Director (Generation-Civil) / Director (Distribution, Safety, SCM & IT) / Director (Transmission, SO & Planning)/ Director (Generation - Electrical, REES, SOURA, Sports & Welfare)
The PA to the Director (Finance & HRM)
The Sr.CA to the Secretary (Administration)
The RCAO/ RAO
Stock File.

Forwarded / By Order



Assistant Executive Engineer