



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg. Office Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004, Kerala

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ABSTRACT

Establishment of Renewable Energy Data Center at 9th floor, Vidyuthibhavanam Thiruvananthapuram-Payment for additional work- Sanction accorded- Orders issued.

Corporate Office (REES, S, N, S & W)

B.O (FTD) No. 894 /2022 (CE (REES)/ INNOV/T4/2022-23, Thiruvananthapuram
Dated 14-11-2022

Read – 1.G.O.(Rt.) No.111/2018/Power Dated Tvp, 08.06.2018 of Government of Kerala

2. BO (FTD)No 1834/2018(CE(REES)/Projects/AEE I/Business Model/ 2018-19, dated 11.10.2018.
3. BO(FTD)No. 146/2019/(CE(REES)/INNOV/T4/DCC/2018-19 dated 19.02.2019.
4. LoA No 02/2020-21 dated 26.5.2020. of the Chief Engineer, REES .
5. Note No.ACA 8/ConsystTech/Data Centre/2022-23/177 Dated 23.08.2022. of the Secretary(Admn)
6. Note. No. FA/Tender-1/82/2022 dated 27.08.2022 of the Financial Advisor.
7. Note No. ACA 8/Consyst Tech/Data Centre/2022-23/ dated 6.9.2022. of the Secretary(Admn),KSEBL
- 8.Note No.CE(REES)/INNOV/T4/DCC/2022-23 dated 23.09.2022 of the Chief Engineer (REES).
9. Note No.ACA8/Consyst Tech/Data Center/2022-23/177 dated 21.10.2022 of the Secretary(Admn).
- 10.Advocate Notice dated 20.10.2022 send by M/s Consyst Technologies (India) Pvt. Ltd (received on 25.10.2022).
- 11.Note no.CE(REES)-AEE5/2022/2784 Dated 2.11.2022 of the Chief Engineer ,REES submitted to the Full Time Directors(Agenda No. 25/11/ 2022)

ORDER

The Government of Kerala as per G.O read as Ist above has accorded Administrative sanction for pre-project capacity assessment of solar PV stations to the

tune of 500MW through roof top solar installations, as part of developing infrastructure in KSEBL for an amount of Rs. 100 lakhs. Accordingly, KSEBL has accorded Administrative sanction for the same as per B.O read as 2nd above in such a way that, Rs.52,23,823/-for the purchase of testing equipments and software and the remaining amount of Rs.47,76,176/- for setting up of a Data Center in VyduthiBhavanam, Thiruvananthapuram.

Subsequently, KSEBL as per B.O read as 3rd above has accorded sanction for the establishment of Renewable Energy Data Center at the office of the Chief Engineer(REES) for a total expenditure of Rs.125 Lakhs in two phases. The first phase was for Rs.80 Lakhs, which includes the work for design ,construction , installation, testing & commissioning of a Renewable energy data centre at Vyduthi bhavanam with a Data server for collecting , processing the data including operation & maintenance for 6 years and the second phase was for Rs.45 Lakhs, which includes the work , making the system redundant by installing new hardware server & software etc, establishment of DLMS communication protocol and installation of VPN server and implementation of Solar PV generation forecasting suit etc..The second phase of work not yet been started. The expenditure of 125 lakhs has to be met from KSEBL's fund and to be recouped.

Accordingly, the first phase of work for establishing the Data Center with Data Server owned by KSEBL including maintenance of the center for 5 years after the defect liability period was awarded as per LoA read as 4th above to the L1 bidder M/s Consyst Technologies (India) Pvt.Ltd, Ernakulam for an amount of Rs.70,62,426/.

As part of providing technical support to integrate weather station (irradiation, wind speed, plant temp etc) of KSEBL MW plants with existing RTUs for forecasting availability of plants etc, the contractor, M/s Consyst Technologies India Pvt Ltd, has offered a solution to the data integration and demonstrated successfully by the contractor before the technical committee and the committee has approved the same. The work was awarded to the OEM, M/s Consyst Technologies (India) Pvt.Ltd, Ernakulam as additional work to the original work for Rs 6,08,880/-, after executing a Supplementary agreement.

Out of the 12 solar plants with capacity above 500KW owned by KSEBL, for which the data to be received at the Data Center in VyduthiBhavanam, M/s Consyst has completed the work for 8 stations which are technically feasible for Integration and requested for making payments for the completed sites.

Since the delay in completion of the integration in the balance 4 sites is mainly due to technical limitations in the existing system ,the bill was measured and forwarded to the Secretary (Admn) for effecting the payment. But the Secretary(Admn)as per not

read as 9th above (based on the remarks of Financial Adviser), requested to furnish the specific board order to effect payment for additional work awarded and also for making part payment of the same from KSEBL fund. The contractor had sent an Advocate notice read as 10th above demanding the payment of outstanding amount within fifteen days of receipts of the same.

The matter was placed before the Full Time Directors as per note read as (11)th above. Having considered the matter in detail, the Full Time Directors in its meeting held on 4.11.2022 :

1. Resolved to accord sanction to effect the payment for the additional work awarded to M/s Consyst Technologies (India) Pvt. Ltd from Board's fund as remarked by the Financial Adviser.
2. Further resolved to accord sanction to effect 50% part payment to M/s Consyst Technologies (India) Pvt Ltd for the works completed in 8 stations out of 12 and to effect the balance payments after successful completion of full data acquisition system from the respective stations, considering the delay in completion of the works in balance 4 stations and the contractors concerned are trying to complete the works.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-
Lekha G
Company Secretary

To:

1. The Chief Engineers, Renewable Energy & Energy Savings

Copy to:

1. The Financial Advisor / The Chief Internal Auditor
2. TA's to Chairman & MD / D (T, SO, P & S) / D (D, IT & SCM) / D (G-E) / D (G-C) / D (REES, S, N, S & W)
3. The PA to Director (Finance & HRM)
4. The CA to Company Secretary
5. Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order


Assistant Executive Engineer