



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

CIN: U40100KL2011SGC027424

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004 Website: www.kseb.in

Phone:(O) +91 471 2514522 E-mail: dgkseb@kseb.in

Abstract

Idamalayar HEP-Supply, Erection and Commissioning of one Laptop with MAXDNA software for generators at Idamalayar Power Station - Sanction accorded– Orders issued.

Corporate Office (SBU-G/E)

B.O (FTD) No.746/2021 (DGE/G3/Idamalayar-Laptop/2021-22) Thiruvananthapuram/125 dated: 07-10-2021

- Read:-
1. Letter No. CEG/AEE-VI/IDR-Laptop/2021-22/184 dated 30-04-2021 of the Chief Engineer (Generation & PED), Moolamattom and the enclosed estimate.
 2. Letter No. CEG/AEE-VI/IDR-Laptop/2021-22/686 dated 13-07-2021 of the Chief Engineer (Generation & PED), Moolamattom.
 3. Note No. DGE/G3/Idamalayar -Laptop /2021-22 dated:28-09-2021 of the Director (Generation-E) to the Full Time Directors (Agenda item No.14/10/21).

ORDER

The Idamalayar HEP (2x37.5 MW) consists of two BHEL make generators and the Governor operations of generators are being controlled through SCADA system supplied by M/s BHEL. It is reported that the existing Laptop with MAXDNA software, supplied and commissioned by M/s BHEL during 2012-13 and the software is not communicating properly with the SCADA system and the keyboard of the Laptop has also got damaged and beyond repairs. The technical audit conducted at the station during 2019 has recommended to procure one additional Laptop with full configuration of machine interface software for the smooth functioning of the machines.

Regarding the cost of previous procurement and feasibility of replacing the laptop alone without the software, the Chief Engineer (Generation & PED) has reported the complexity of going for laptop alone without software and the hardware limitations of the existing configuration to accommodate the latest version of Max Station software on Windows 10 Operating System. Also, pointed out the advantages of the EDN offered Laptop which is tested and certified by MAXDNA software and reliability of DCS system with the most current technology and best user experience.

It is reported that M/s BHEL, the OEM had addressed all the technical issues after the successful commissioning of the generators and there is no condition specified for AMC as such in the Purchase Order. Also, reported that the same software is not being used in any other generating stations having BHEL machines under KSEBL. The requirement is for implementation of HMI (Human Machine Interface) upgradation on turnkey basis and the scope includes the design/engineering, supply, commissioning and after sales support which involves greater obligations than that of mere spare item supply. The lack of back up facility for the operation of the governing system, the non-availability of laptop with MAX DNA software will adversely affect the availability of machines in the case of any exigency in the present HMI.

Considering the above and the item being OEM proprietary in nature, a budgetary offer was collected and estimate amounting to Rs.30,00,000/- was prepared for the procurement from the OEM. As per the OEM, the Max free updates will be provided free of cost for 7 to 8 years subject to the condition that the Purchase Order has to be placed before 30-10-2021. Accordingly, the Chief Engineer(Generation & PED) as per letter read (1) &(2) above has recommended for replacing the existing Laptop with MAXDNA software by placing order to M/s BHEL, the OEM, at an estimate amounting to Rs.30,00,000/- and requested sanction for the same.

In this matter, the remarks of the Financial Adviser was obtained, as directed and the pointwise clarifications regarding AMC, technical assistance of M/s BHEL, possibility of installing third party systems, ensuring continuous support from the OEM etc. were also obtained.

The matter was placed before the Full Time Directors as per note read as 3rd above.

Having considered the matter in detail, the Full Time Directors meeting held on 01-10-2021, resolved to accord sanction for an estimate amounting to Rs.30,00,000/- (Rupees Thirty lakhs only) for the procurement of one Laptop with MAXDNA software, which is a proprietary item of M/s BHEL, for the replacement of the outdated system at Idamalayar HEP.

Further resolved to authorize the Chief Engineer (Generation & PED) to procure the above item by placing work order to M/s BHEL, the OEM, at their quoted rate.

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.

Copy to:

The Deputy Chief Engineer, Generation Circle, Kothamangalam.

The Chief Internal Auditor/Company Secretary

The TA to CMD/D(GE)/ D(T&SO)/ D(D&IT)/D(GC)/D(PS& SCM)/D(RSS&W)

The Fair copy Superintendent/Library/Stock File

Forwarded / By Order.

[Handwritten signature]
11/10/2020

Asst. Executive Engineer

[Faint, illegible text, likely bleed-through from the reverse side of the page]