



Abstract

Idamalayar HEP - Supply, installation and commissioning of 220V(110 cells),400AH Plante type Lead acid battery set –proprietary item of M/s Exide Industries Ltd.- Sanction Accorded– Orders issued.

Corporate Office (SBU-G/E)

B.O .(FTD) No. 329 /2021 (No. DGE/G3/Idamalayar-Battery/2020-21) Thiruvananthapuram dated: 06 -05-2021

- Read:-
1. B.O.(FM)No.2671/13(M(T&SO)/T2/Battery/13) dated 12-12-2013.
 2. Letter No.CEG/AEE VI/IDR-Plante battery/2020-21/1762 dated :06-02-2021 of the Chief Engineer(Generation & PED),Moolamattom and the enclosed estimate.
 3. Note No.DGE/G3/ Idamalayar -Battery/2020-21 dated 01-03-2021 of the Director (GE & SCM) (Agenda item No.10/3/21)

ORDER

The (2x37.5 MW) Idamalayar HEP is one of the major Power Stations under KSEBL ,remotely located at Idamalayar in Ernakulam District , commissioned during 1987. Unlike other stations , the DC supply source in Idamalayar power house is 220V,400AH Exide make plante battery system. It is used for the control and protection of generators, 110kV feeders, 110/11kv GTs, 11kV outgoing feeders, Trip and Closing circuit of Circuit breakers, Protective Relays, Isolator control circuit, Indication and emergency lamps, Alarm, PLCC panel, AVR panels, governor panel, TG panel, DC field flashing etc.

The DC system is the heart of protection and control system, which is to be maintained properly, for smooth and efficient functioning of control and protection schemes, the technical audit conducted during the year 2019, has suggested to have a second battery source for redundancy of the existing DC system at this remote station, which is not easily accessible on any unfortunate events. Hence, the Deputy Chief Engineer, Generation Circle, Kothamangalam has sanctioned an estimate amounting to Rs.46,00,000/- (Rupees Forty Six Lakhs only) for the Procurement and commissioning of one set of 220V,400AH plante type Lead Acid battery system with standard accessories. The Provision for one 60A battery charger, DCDB and associated control cables required for the above installation at Idamalayar Power station was also included in the estimate.

As M/s Exide Industries Limited is the lone manufacturer of plante type batteries in India and it is their OEM proprietary item, the budgetary offer amounting to Rs.33,71,880/-, was collected from them for the supply of 220V, 400AH plante battery which includes freight charges, GST @ 28%, Supervision of Installation & Commissioning with GST @ 18% . KSEBL had accorded sanction to procure plante type battery system for generating stations as per B.O read above.

Considering the necessity of maintaining a healthy and reliable DC supply system at Idamalayar HEP, and to ensure a second battery source for redundancy of DC source at Idamalayar HEP, where the control voltage is 220V, whereas 110V is the control voltage in all other generating stations ,it was recommended to proceed with the above procurement. Since, the item being an OEM proprietary item of M/s Exide Industries Ltd., the lone bidder and the amount is beyond the delegation of Chief Engineer, sanction was requested for placing the work order to M/s Exide Industries Ltd. at their quoted rate of Rs.33,71,880/- (Rupees Thirty Three Lakhs Seventy One Thousand Eight hundred and Eighty only).

The matter was placed before the Full Time Directors as per note read 3rd above. Having considered the matter in detail, the Full Time Directors meeting held on 09-03-2021, resolved to accord sanction for placing the work order to M/s EXIDE Industries Ltd, Chennai ,on a single quotation basis, at an all-inclusive quoted rate of **Rs.33,71,880/-** (Rupees Thirty Three Lakh Seventy One Thousand Eight hundred and Eighty only), for the Supply, Installation and Commissioning of one set of 220V (110cells),400AH Plante Type Lead Acid battery system with standard accessories, as the 220V control supply is a special feature of the station compared to other generating stations and substations ,under KSEBL.

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&SCM)/ D(TSO)/ D(DIT&HRM)/D(GC)/D(P&S)
The Fair copy Superintendent/Library/Stock File

Forwarded / By Order

Asst. Executive Engineer

DISPATCHED

No. 56
Date 07.05.21