

Abstract

Lower Periyar PH (LPPH)-Supply ,installation and commissioning of articulated type boom lift for the use at 220kV switch yard - Sanction Accorded– Orders issued.

Corporate Office (SBU-G/E)

B.O .(FTD) No. 669 /2020 (No. DGE/G3/LPPH/2020-21 Thiruvananthapuram

dated: 06 -11-2020

- Read:-
1. Letter No.No.CEG/AEE VI/LP-Boom list/2020-21/ 913 dated 17-09-2020 of the Chief Engineer (Generation & PED), Moolamattom and the accompanying estimate
 2. Note No.DGE/G3/LPPH/20-21 dated 27-10-2020 of the Director (GE & SCM) (Agenda item No.29/11/20)

ORDER

The (3x60MW)Lower Periyar Power House (LPPH) is the fourth largest Hydro Electric Power Station in Kerala, located at Karimanal,Idukki District. The switch yard at LPPH is situated on a hilly terrain with double bus arrangement. There are six nos. of feeder bays, three unit bays and one bus coupler bay, where the two busses are at different levels. It is reported that the maintenance of switch yard equipment are mostly being carried out departmentally, with the available manpower at the station. As the height up to the terminal connectors of the bus isolators is almost 13 meters and the 220kV bus is at a height of 18 meters from the ground level, the work men need to climb to the top of the gantry for facilitating maintenance works of isolators,CVTs ,Circuit Breakers etc. which is not always comfortable. Moreover, use of long ladder is not preferred in switch yard works due to safety reasons.

It is also pointed out that while considering the safety aspects and the necessity of carrying out the works in a time bound manner, without compromising quality, it is always advisable to use man lift for the purpose. The external safety audit team also suggested to use man lift for the maintenance works on switch yard equipment. The man lift provides a safe working platform which helps to overcome the difficulties in carrying out the work on yard equipment at extended heights. Similar boom lift procured at Moolamattom Power station switch yard is found very effective and they are successfully using it for the last four years .

In the above circumstances ,the Chief Engineer(Generation & PED),Moolamattom as per letter read(1) above has forwarded an estimate amounting to Rs.79,00,000/- and requested sanction for the procurement ,installation and commissioning of articulated type boom lift ,for the use at 220kV switch yard at Lower Periyar Power House. The estimate has been arrived based on the budgetary offer collected from M/s T.V Sundaram Iyengar & Sons Pvt.Ltd.

The matter was placed before the Full Time Directors, as per note read (2) above). Having considered the matter in detail, the Full Time Directors meeting held on 04-11-2020, resolved to accord sanction to an estimate amounting to Rs.79,00,000/- (Rupees Seventy Nine lakh only), for the supply, installation and commissioning of articulated type boom lift , for the use at 220kV switch yard at Lower Periyar Power House.

Further resolved to authorize the Chief Engineer(Generation & PED), to procure the item after observing the prevailing formalities.

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,

The TA to CMD/D(GE&SCM)/ D(TSO)/ D(DIT&HRM)/D(GC)/D(P&S)

The Fair copy Superintendent/Library/Stock File

DESPATCHED

No. 211

09.11.20

Forwarded / By Order

Asst. Executive Engineer