

**Abstract**

IHEP- design, engineering, manufacture, testing, packing, transporting to Idukki HEP and supervision of erection ,commissioning of one 48MVA,11/220 $\sqrt{3}$ kV single phase GT with associated equipment and spares – request for sanction to issue work order to the lone bidder - Sanction Accorded– Orders issued.

**Corporate Office (SBU-G/E)**

B.O .(FTD) No. 363 /2021 (No. DGE/G3/IHEP/GT /2021-22 ) Thiruvananthapuram dated: 14 -05-2021

- Read:-
1. Letter No. CEG/AEE-I/IHEP/48MVA GT/2020-21/1606 dated 20-01-2021 of the Chief Engineer (Generation & PED), Moolamattom and the accompaniments
  2. Remarks No.FA/Tender-I/9/2020-21 dated 12-02-2021 of the Financial Adviser, KSEBL
  3. Counter remarks Letter No. CEG/AEE-I/IHEP/48MVA GT/2020-21/1930 dated 27-02-2021 of the Chief Engineer (Generation & PED), Moolamattom.
  4. Note No.DGE/G3/ IHEP/GT /2021-22 dated 06-05-2021 of the Director (GE & SCM) (Agenda item No.15/5/21)

**ORDER**

There are 18 nos. of 48MVA, 11/220 $\sqrt{3}$ kV Single Phase Generator Transformers(GTs) in service at the 780 MW(6x130MW) Idukki underground hydroelectric power (IHEP), 3 nos. of GTs are normally kept as spare at the station. Among the three spare GTs ,one is of Crompton Greaves Ltd. make, compatible for A&B phases of Unit#4, one is of TELK make suitable for 2<sup>nd</sup> stage GTs(compatible for unit#5 and #6)and the third is also of TELK make , suitable for 1<sup>st</sup> stage GTs (Compatible for Unit#1,#2 and #3).Out of the 3 spare GTs, the TELK make, compatible for 1<sup>st</sup> stage was used for replacing the damaged C phase GT (2C) of Unit#2. The OEM M/s TELK offered the cost of Rs.1.61 Crore (including GST),for the repair of the above damaged GT with full re-insulation and winding replacement.

As there is no spare GT available for 1<sup>st</sup> stage ,for meeting an emergency and the repair of the above damaged GT is not financially viable ,also by considering the higher losses and of service life of more than 43 years, of the GT, it was decided to proceed with procurement of a new GT. An estimate amounting to Rs.3.07 Crore (all inclusive) was prepared and obtained Administrative Sanction, by placing it in the Chief Engineer level committee ,for the subject procurement, followed by TS No.CEG/TS:10/2019-20 /1368 dated 26-11-2019.

Subsequently, e-tender was floated with PAC of Rs.2,60,00,000/- ,for the procurement of One No.48MVA,11/220 $\sqrt{3}$ kV single phase GT. But, no bidders were participated citing the inability to comply with the tender requirements and also due to the space constraints prevailing at Idukki HEP. Therefore, Re-tender was floated with certain modifications in the technical conditions and with wide publicity. A corrigendum was also uploaded to accommodate some more technical changes.

Then Cover-1 of the tender was opened online and M/s TELK ,Angamaly was the lone bidder. Being a re-tender ,the bid was opened for PQ evaluation. M/s TELK had submitted all the required documents and the PQ committee unanimously decided to refer the technical deviations to the technical committee under Generation wing for obtaining comments. The comments of the technical committee regarding the total losses and dimensions were properly addressed and asserted that they should supply the GT which is exactly identical to the GT ,supplied during 2013.

Consequently, it was decided to qualify the lone bidder, and opened the bid on 04-01-2021. The rate , (including supply and labour portion ),quoted by M/s TELK is Rs.2,57,10,000/-,without GST , which is 1.11% below the PAC . M/s TELK did not offer any discounts on negotiation and the all-inclusive rate is Rs.3,03,37,800/-. Being the lone bidder, after re-tendering ,the Chief Engineer(Generation & PED) has requested sanction for issuing work order to M/s TELK ,Angamaly ,at their quoted rate. The remarks of the Financial Adviser was also obtained, as per note read as 2<sup>nd</sup> above, where in the reasonableness of the quoted rate , were sought. In this regard, the Chef Engineer (Generation & PED) has furnished the counter remarks, as per letter read (3) above, by detailing the earlier procurements of similar GTs from M/s TELK .

The matter was placed before the Full Time Directors as per note read as 4<sup>th</sup> above. Having considered the matter in detail, the Full Time Directors meeting held on 07-05-2021, resolved to accord sanction to place Work Order with M/s TELK, Angamaly, the lone bidder, at their rock bottom rate of Rs.3,03,37,800/- including taxes, for the design, engineering, manufacture, testing at manufacturers works, packing, transporting to Idukki HEP and supervision of erection, commissioning of one 48MVA, 11/220/ $\sqrt{3}$ kV single phase Generator Transformer, with all fittings, accessories, associated equipment and spares.

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, Moolamattom

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

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17.05.2021.