



# Kerala State Electricity Board Limited

(Incorporated under the Companies Act, 1956)

Registered Office: Vydyuthi Bhavanam, Pattom,

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## ABSTRACT

Proposal for procurement of transformer testing kit for the use at transformer repair workshop under TMR Division, Shornur- obtaining investment approval from KSERC- Orders issued.

## CORPORATE OFFICE (SBU-D)

**B.O(FTD)No.559 /2020(D(D&IT)/D5/NABL/2020-21/0001) Dated,Thiruvananthapuram 04.09.2020**

### **Read:**

1. Order dated 26.08.2016 of Hon'ble KSERC in OP No.08/2016
2. B.O. (FTD) No.2456/2017 (D( D & IT)/D5/NABL/2017-18/0001) dated 28.09.2017
3. Note No.D(D&IT)/D5/NABL/2017-18/0001 dated 24.04.2018 of the Director(Distribution & IT) to the Deputy Chief Engineer(TRAC)
4. Letter No.CEDN/AEE2/TMR Shornur/19-20/486 dated 10.06.2019 of the Chief Engineer, Distribution(North) to the Director(Distribution & IT)
5. Letter No.CEDN/AEE2/TMR Shoranur/20-21/311 dated 03.06.2020 of the Chief Engineer, Distribution North to the TA to the Director(Distribution, IT & HRM)
6. Note No.D(D&IT)/D5/NABL/2020-21/0001 dated 24.08.2020 of the Director(Distribution, IT & HRM) to the Full Time Directors (*Agenda Item no.61/8/20*)

## ORDER

The Chief Engineer, Distribution(North) as per letter read as 4<sup>th</sup> above has requested to accord sanction for the purchase of a transformer testing kit for the use at Transformer repair workshop of TMR Division, Shoranur. In this connection, it is reported that, at present, repaired transformer at TMR workshop are tested using clip on meters, Multimeters, Ammeter, Voltmeter etc. However, these methods have limited accuracy and some test results are found erroneous. The acceptance tests of new distribution transformers at TMR workshop are limited to physical inspection only due to unavailability of proper accurate testing measurements. Measurement of parameters like load angle, loss, active and reactive power etc. are important and calculation of these parameters with reading taken from different meters is a complicated process and will lead to erroneous results. For testing of new as well as repaired transformers as per standards and in compliance with the guidelines of BEE, CBIP and Energy Conservation Act, high accuracy standard testing equipments are required. Under these circumstances, the Deputy Chief Engineer, Electrical Circle, Shornur has proposed for

purchasing a new transformer kit which can perform all the test in one unit, for the use at transformer repair workshop.

The estimate amounting to Rs.19,53,000/- (Rupees Nineteen Lakh Fifty Three Thousand Only) for the procurement of transformer testing kit, prepared based on the enquiry with the dealers/ suppliers of the test equipments is also submitted. The Chief Engineer, Distribution (North) has pointed out that no separate budget has been provided for TMR Shoranur and all expenditure coming under Normal/ Capital Works has to be met from Budget allocation for Electrical Circle, Shoranur under the head 14 for the year 2019-20 which is only Rs.20 Lakh.

As the proposed item is a new item and is having no budget provision, the Chief Engineer, Distribution(North) has requested to issue sanction for the procurement of transformer testing kit for the use at Transformer Repair workshop under TMR Division, Shoranur and also to allocate additional budget provision of Rs.20 Lakh for the procurement.

In connection with the subject matter, certain clarifications were also sought from the Chief Engineer, Distribution(North) and the same was obtained as per letter read as 5<sup>th</sup> above. A detailed note in this connection was submitted to the Full Time Directors as per the note read as 6<sup>th</sup> above. It is reported that since the TMRs except TMR Angamaly were not having NABL accreditation, in order to meet the requirements specified in Kerala Electricity Supply Code (KESC) 2014 regulations, KSEBL vide O.P. No.08/2016 submitted a petition before the Hon'ble KSERC seeking approval of TMRs Thirumala, Pallom, Shornur and Kannur as approved laboratories, based on the existing facilities as well as based on various modernization proposals submitted therein. The Hon'ble KSERC in its order dated 26.08.2016 approved the meter testing facilities at TMRs Thirumala, Pallom, Shornur and Kannur for a period of one year from the date of the Order or till the validity of the Calibration Equipments at TMR whichever is earlier and further ordered to obtain NABL accreditation for TMRs at Thirumala, Pallom, Shornur and Kannur and continued accreditation for TMR Angamaly. As per the Hon'ble KSERC Order, an investment approval for Rs.128.5 Lakh was given each to TMR Division Thirumala & Pallom and an investment approval of Rs.16.1 Lakh was given to TMR Kannur. No investment approval was given to TMR Shoranur. Further in the Order dated 26.08.2016 of Hon'ble KSERC in OP No.08/2016, it was mentioned that any further investment required for the purchase of equipment shall be incurred only after getting approval of the Commission. In connection with obtaining NABL accreditation to TMR Pallom, Thirumala, Shoranur and Kannur, the Full Time Directors in the meeting dated 03.02.2017 accorded sanction to authorize the Chief Engineer( Commercial & Tariff) to take up the matter of procurement of CT-PT error testing unit for TMR Divisions of Thirumala, Shoranur and Kannur with the Hon'ble

KSERC. Subsequently, additional investment required for TMR Shornur and Kannur was informed to the Deputy Chief Engineer(TRAC) as per note read as 3<sup>rd</sup> above.

Having examined the matter in detail, the Full Time Directors in the meeting held on 26.08.2020 resolved to authorize the Deputy Chief Engineer (Commercial & Planning) with full powers of Chief Engineer to take up the proposal of the Chief Engineer, Distribution(North) submitted as per letter read as 4<sup>th</sup> above, for the procurement of Transformer Testing Kit for the use at Transformer repair workshop under TMR Division, Shoranur, at an estimated cost of Rs. 19,53,000/- (Rupees Nineteen Lakh Fifty Three Thousand only), for obtaining investment approval from the Hon'ble KSERC, in addition to those intimated as per note dated 24.04.2018 read as 3<sup>rd</sup> above.

Further resolved to allocate an additional budget provision for an amount of Rupees Twenty Lakh to Electrical Circle, Shoranur for the procurement of Transformer Testing kit for the use at Transformer repair workshop under TMR Division, Shoranur, on obtaining investment approval from Hon'ble KSERC.

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-

**Lekha G.**  
**Company Secretary In Charge**

**To**

The Deputy Chief Engineer(Commercial & Planning) with full powers of Chief Engineer

**Copy to:**

1. The Chief Engineer, Distribution (South/ Central/ North/ North Malabar)
2. The Chief Engineer (IT, CR & CAPs)
3. The Deputy Chief Engineer(TRAC)
4. The TA to Chairman & Managing Director/ The TA to Director (Distribution, IT & HRM/ Transmission-System Operation & REES/ Generation-Electrical & Supply Chain Management/ Generation-Civil)
5. The Company Secretary
6. The RCAO/ECA, Vidyuthi Bhavanam, Pattom/ The Legal Liaison Officer
7. The PA to Director (Finance) / Senior C.A. to Secretary (Administration)
8. Fair Copy Section / Library / Stock File.

Forwarded / By Order

  
Assistant Engineer