



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)
Registered Office: Vidyuthi Bhavanam, Pattom,
Thiruvananthapuram – 695 004
CIN: U40100KL2011SGC027424
Website: www.kseb.in
Phone: +91 471 2514685, 2514331
Email: ddkseb@kseb.in

ABSTRACT

Procurement of new advanced vehicle mounted cable fault locator- Meggar STX40, for RMU & Cable Sub Division, Kozhikode for the use at Northern Region - Sanctioned - Orders issued.

CORPORATE OFFICE (SBU-D)

BO (FTD)No.246/2023(DIRDITSCM/Cable Fault Locator/2022-23)

Thiruvananthapuram, Dated: 16.05.2023

- Read:
1. Letter No. CEDN/AE1/Cable Fault locator- Kozhikode/2022-23/1681 dated 03.11.2022 of the Chief Engineer, Distribution North.
 2. Letter No. CE(DC)/AEE1/PMU/2022-23/2836 dated 01.02.2023 of the Chief Engineer, Distribution Central.
 3. Letter No. CE-DS/AE1/Purchase/Cable Fault Locator/2022-23/2421 dated 09.03.2023 of the Chief Engineer, Distribution South.
 4. Note No.(DIRDITSCM/Cable Fault Locator/2022-23) dated 02.05.2023 of the Director (Distribution, IT & SCM) to the Full Time Directors (Agenda Item No.27/5/2023).

ORDER

The Chief Engineer, Distribution (North) as per the letter read as 1st above has reported that, an estimate amounting to Rs1,88,80,000/- is required for procuring a new Advanced Vehicle mounted Cable Fault Locator (Meggar STX40) for RMU and Cable Sub Division, Kozhikode. The cable faults in 6 districts are now being tracked by using M/s Telemetric's cable fault locator purchased during 2018.

It is further reported that, the number of cable faults are increasing now a days and more cable networks are being added to the system. The trend is likely to rise further in near future. The number of cable faults are high during monsoon, due to water logging. The cable fault unit service is also used for cable tracking/tracing works as part of the utility shifting in connection with NHA/PWD and road expansion works.

The Chief Engineer, Distribution (North) has reported the following short comings noted in the existing cable fault detector.

- a. The cable fault distance shown in the display of Telemetric detector is erroneous in most of the time.
- b. The present Maruthi EECO van mounted system is suitable only for covering small distances. Operating vehicle mounted locator for a long distance through country road and harsh terrain is not healthy for the machine's electronic equipments due to road prone vibrations.
- c. Locating cable fault during the day time is difficult with the existing locator.
- d. After expiry of the warranty period on 25.04.2021, the machine has become faulty 6 times and the Service Engineer has replaced the faulty components on payment basis. Some times M/s Telemetric takes more than three weeks to attend the complaints irrespective of repetitive follow ups at various levels. The cable fault starts piling up during the above period and had affected the power supply reliability. Moreover, these site repairs and replaced items are not covered under warranty.
- e. With the completion of RDSS Project, the 11kV UG Cable network in the North Kerala will significantly expand and with the existing cable fault locator, tracing of cable faults in 6 districts in a time bound manner could become a serious issue and may affect power supply restoration.

The Chief Engineer, Distribution (North) has also reported that, the above issues can be resolved by purchasing new Meggar Cable Fault Detector, which is currently being used in Thiruvananthapuram and

Ernakulam Circles. An offer was collected from M/s Stanlay, Asian Contec Ltd, New Delhi, the authorised supplier for Meggar make advanced Cable fault Locator with vehicle. The existing cable Fault Locator can be handed over to North Malabar Region for the use in Kannur and Kasaragod Districts upon purchase of new locator.

The performance of Meggar Cable Fault Detector, which is currently used in Distribution South and Central regions were analysed and is reported as satisfactory as per the letters read as 2ⁿ^d and 3^r^d above respectively. The cost of vehicle mountable cable fault locator under Central Region is Rs 1,02,15,008/- including GST and the cost of the cable fault locator (Van mounted model) under southern region is Rs 98,61,007/- including GST.

The matter was placed before the Full Time Directors as per the note read as 4th above.

Having examined the matter in detail, the Full Time Directors in the meeting held on 11.05.2023 resolved to accord sanction to the Chief Engineer, Distribution (North) for the procurement of a new advanced vehicle mounted cable fault locator and vehicle (separately) for RMU and Cable Sub Division, Kozhikode for the use of Northern Region after inviting e-tender with a total financial commitment amounting to Rs 188.80 lakhs (approximate).

Further resolved to tender the procurement with neutral specifications.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-
LEKHA G

Company Secretary

To:

The Chief Engineer (Distribution North), Kozhikode.

Copy to: The Financial Adviser/ Chief Internal Auditor/ Company Secretary/ Chief Vigilance Officer/ Legal Advisor & Disciplinary Enquiry Officer.

The Deputy Chief Engineer, Electrical Circle, Kozhikode.

The TA to Chairman & Managing Director.

The TA to Director (Distribution, IT, SCM, REES & SOURA) / (Transmission, System Operation, Planning, Safety & G-E) / (Gen-Civil).

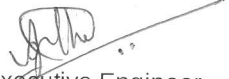
The PA to Director (Finance & HRM).

The RAO/ECA/RCAO/ Legal Liaison Officer

The Senior CA to Secretary (Administration)

Stock File.

Forwarded / By Order


Assistant Executive Engineer