



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004

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ABSTRACT

Procurement of various type Energy Meters - S' Mark Certification - Sanctioned - Orders issued.

CORPORATE OFFICE (P & SCM)

B.O.(FTD) No. 197/2024 (XD/SCM/AEI/METER GENERAL/2023-24)

Thiruvananthapuram,

Dated 02-05-2024

- Read :
1. Note No.157/CMD dated 8th December 2023.
 2. Note No.CE(SCM)/XD/AE1/Meter General/2023-24/6417 dated 09.02.2024 of the Chief Engineer (SCM).
 3. Note No.XD/SCM/AEI/METER GENERAL/2023-24 dated 24.02.2024 of the Chief Engineer (P & SCM) to the Full Time Directors submitted through e-file (Agenda No.4-05/2024).

ORDER

As per note read as 1st above it was directed to study the necessity of using S' Mark certification in energy meters and furnish a detail report. A detailed note to the Chairman and Managing Director was submitted as per note read as 2nd above and it was directed to place the matter before Full Time Directors. Accordingly the note read as 3rd above was placed before Full Time Directors.

1. As per the tender condition in KSEBL for the procurement of various rating energy meters, the bidder should have valid BIS certification with 'S' mark issued by STQC, GoI and ISO certification 9001/14001 and CMMI Level-3 appraisal document for meter software. From 2012 onwards S' Mark, BIS, ISO and CMMI certifications are included in tender documents of KSEBL.
2. Technical Specifications as per GoI guidelines:- The technical specification of the meters being procured by KSEBL are based on the Regulations issued by the Central Electricity Authority (CEA) namely Installation & Operation of Meters Regulations 2006 and its amendments. As per the Regulation, all consumer meters shall comply with the relevant standards of Bureau of Indian Standards (BIS). If BIS standards are not available for a particular equipment or material, the relevant International Electrotechnical Commission (IEC) Standards, or any other equivalent Standard shall be followed. As per clause 6(2) of the Regulation:- All consumer meters shall bear BIS mark, meet the requirements of these regulations and have additional features as approved

by the Appropriate Commission or pursuant to the reforms programme of the Appropriate Government. To facilitate this, the licensee shall provide a list of makes and models of the meters. The standards on Installation and operation of meters are specified in the schedule of the Regulation. As per this, the detailed technical specification shall be prepared by the generating company or licensee, as the case may be.

3. S' Mark Certification :- Safety Certification ('S' Mark) scheme is a third party Certification scheme in Electronics sector promoted by STQC Certification Services, Standardization Testing & Quality Certification Directorate (STQC), Ministry of Electronics & Information Technology, Government of India. This scheme is intended to provide adequate level of confidence, by means of system assessment, product testing and subsequent surveillance, that the product conforms to the specified requirements of appropriate Safety standard published by International Electrotechnical Commission (IEC). It is understood that certification will be issued for 3 years. The technical committee comprising Executive Engineers of TMR Divisions are of the opinion that 'S' mark certificate shall be insisted in future tenders for meters. Most of the major manufacturers of meters are offering meters with S' mark certificate. In the recent tenders from the office of Chief Engineer (SCM) , out of the 7 bidders, 6 have produced S' mark certificate.
4. The S' mark on an energy meter indicates that the meter has been built as per the International Electro-technical Commission (IEC) Standard. The IEC is an international standards organization that sets standards for a wide range of products, including energy meters. The S' mark is a guarantee that the meter meets the IEC's standards for accuracy reliability and safety. The S' mark is a valuable certification that helps to ensure the quality and safety of energy meters and helps to promote the development of reliable and efficient energy meters.
5. While comparing the rates of meters with other DISCOM's, no increase in rates noted in KSEBL due to including S' Mark certification in meters.
6. As per the pre-qualification condition for the procurement of energy meters, KSEBL insists that the bidder should have valid BIS certification with 'S' mark issued by STQC, Government of India and ISO certification 9001/14001 for the last 10 years. It may be noted that after including S' mark certification in the tender documents, no supplier has been disqualified by KSEBL due to non submission of S' mark certification in previous year tenders.
7. S' mark certification was included in the tender documents as per recommendation of then technical committee members. Recently remarks were again collected from the technical committee members, on making S' certification as optional, but all Executive Engineers of TMR Division except Executive Engineer, TMR Thirumala reported that S' mark certification is provided for safety and it is to be made mandatory.

Having considered the matter in detail, the Full Time Directors r esolved to make "S" mark certificate issued by STQC, GoI, mandatory in all future tenders for the procurement of various types of energy meters by KSEBL.

Orders are issued accordingly.

By Order of the Full Time Directors

Signed by

Lekha G

COMPANY SECRETARY
Date: 02-05-2024 17:33:33

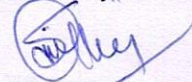
To:

The Chief Engineer (P& SCM)

Copy to:

- ✓ The Company Secretary / Chief Engineer (IT,CR&CAPS) / Financial Advisor / LA&DEO / Chief Internal Auditor / Chief Vigilance Officer
- The TA to the Chairman & Managing Director / Director (Generation-Civil) / Director (Distribution, Safety, SCM & IT) / Director (Transmission, SO & Planning) / Director (Generation - Electrical, REES, SOURA, Sports & Welfare)
- The PA to the Director (Finance & HRM)
- The Sr.CA to the Secretary (Administration)
- The RCAO/ RAO
- Stock File.

Forwarded / By Order



Assistant Engineer