



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956 CIN: U40100KL2011SGC027424)
Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004, Kerala
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ABSTRACT

Implementation of NILAAVU scheme for replacing conventional street lights with LED Street Lights in all local bodies across the State of Kerala – Issue of Circular for implementation – Ratification – Orders issued

Corporate Office (Planning)

B.O.(FTD) No. 129/2021 (CP/Plg.2/NILAAVU/LED Street Lights/2020-21), Thiruvananthapuram, dated 11.02.2021

- Read:-**
1. Office Order (CMD) No.1600/2020 (CP/Plg.2/NILAAVU/LED Street Lights/2020-21) dated 22.12.2020
 2. G.O. (MS) No. 202/2020/LSGS/ dated 25.12.2020
 3. Guide lines issued by LSGD vide EWB1/101/2020/LSGD dated 07.01.2021
 4. Note No.CP/Plg.2/NILAAVU/LED Street Light/2020-21/174 dated, 23 0.1.2021 of the Director (Planning & Safety)
 5. Circular No.CP/Plg.2/NILAAVU/LED Street Light/2020-21/174 dated 23.01.2021 issued by KSEBL
 6. Note No.CP/Plg.2/NILAAVU/LED Street Light/2020-21/186 dated, 30.01.2021 of the Director (Planning & Safety) (Agenda No.5/2/21)

ORDER

The Nilaavu scheme of Local Self Government Department (LSGD) targets the replacement of all conventional street lights with LED Street Lights for illuminating all roads and sub roads of Grama Panchyats, Municipalities and Corporations across Kerala, in a phased manner. The project was announced in the Chief Minister's 12 point priority projects of Government of Kerala and is in line with the Street Light National Program (SLNP), an initiative of the Government of India to promote energy efficiency in the country. Energy Efficiency Services Limited (EESL), a Public Energy Services Company under the administration of Ministry of Power, Government of India, is the implementing agency for SLNP.

As desired by the Government, KSEBL and LSGD jointly conducted Pilot study in 20 LSGIs including 1 Corporation, 7 Municipalities and 12 Grama Panchayats selected as representative samples by LSGD, for capturing the basic data for the project. The result of the study indicated that 65% of the total 16,24,000 Street Lights in Kerala are conventional type. Accordingly, 10.5 lakh street lights are proposed to be replaced across Kerala under NILAAVU scheme, in two phases - first phase of 2 lakh street lights from January to March 2021 and second phase of 8.5 lakh street lights from February to June 2021. The approximate cost of the project would be Rs.290Cr.

Various agencies involved in the project are:

- EESL for supply of LED street lights of specific wattages (18/35/70/110W) with replacement/repair warranty of 7 years

- KSEB Limited as SPV for procurement of LED Street Lights through EESL and installation of the same
- LSGIs, the beneficiaries of the project, to assess and intimate the requirement of street lights and to make arrangements for maintenance and replacement of faulty lamps
- LSGD as Nodal agency to provide consolidated requirement of street lights and to monitor the implementation of the project
- Kerala Infrastructure Investment Fund Board (KIIFB) to fund the project with 80% as advance and balance 20% over the warranty period of 7 years.
- Government of Kerala to finalize the funding and payment mode to KIIFB on behalf of LSGIs

KSEBL has issued order read as 1st above designating and authorising the officers for carrying out various responsibilities for the implementation of NILAAVU project. The Government as per G.O. read as 2nd above has given approval for the project and has specified the implementation strategy. KSEBL has placed the Letter of Intent with EESL for the procurement of 2 lakh LED Street Lights for the first phase. Meanwhile Local Self Government Department has issued guidelines read as 3rd above for the implementation of the project.

The G.O. and guide lines issued by the Government points out that in order to get the benefits of savings in electricity charges to LSGIs, by implementing this project, unmetered street lights shall be metered and the meter shall be provided by KSEBL on rental basis. Statutes stipulate that all consumers, including streetlights are to be supplied with metered energy. There are considerable numbers of streetlights which have not yet been switched over to metered circuits. The strategy adopted by KSEBL earlier as per B.O.(FM) (Gen) No.1007/2012 (Plg.Com.3515/98/11-12) dated 17.05.2012 for bearing 50% of cost involved in installation of Metering/Control kiosk can be followed in the case of NILAAVU also, if LSGIs wish to avail metered supply for unmetered street lights.

The Director (Planning & Safety) has put up a note read 4th above, seeking approval for the draft circular suggesting incorporating the following:

- I. The strategy during implementation period of the NILAAVU project by bearing 50% of cost involved in installation of Metering/Control kiosk, if LSGIs wish to avail metered supply for unmetered street lights
- II. Proposed the following Uniform Labour Data (ULD) for replacing existing lamps with LED light fitting of all types on existing pole of any type including giving connections:

	Existing Lamp	Amount incl. 10 % CP
1	Ordinary light/ CFL fitting	Rs.260/-
2	1x 40 W fluorescent tube light fitting	Rs.225/-
3	2X 40 W fluorescent tube light fitting	Rs.288/-
4	Sodium vapour lamp/Mercury vapour lamp/Metal Halide lamp light fitting	Rs.609/-

Based on the recommendations of the Director (Planning & Safety), the Chairman & Managing Director approved the circular elaborating the Implementation Strategy for NILAAVU project and accorded sanction to incorporate the clause stipulating the sharing of 50% of cost involved in the installation of Metering/Control kiosk, in case of unmetered street lights, by KSEBL, if LSGI desires so. The Circular dated 23.01.2021 read 5th above was issued. The Chairman & Managing Director also directed to place the matter before the Full Time Directors for ratification.

Accordingly the matter was placed before the Full Time Directors as per note read as 6th above for ratification. The Full Time Directors in their meeting held on 04.02.2021, resolved to ratify the action of approving and issuing the Circular elaborating the Implementation Strategy for NILAAVU project incorporating the clause stipulating the sharing of 50% of cost involved in the installation of Metering/Control Kiosk, in case of unmetered street lights, by KSEBL, if LSGI desires so.

Orders are issued accordingly.

By order of the Full Time Directors,

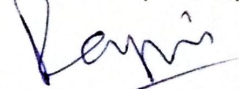
Sd/-
(Lekha.G)
Company secretary I/C

To

1. The Director (Planning & Safety)

Copy to: Chief Engineers (DS/DC/DN/DNB)/Chief Engineer (REES)/State Nodal Officer (Soura)/TA to Chairman & Managing Director/PA to Director (Finance)/TA to Director (Planning & Safety)/TA to Director (D, IT & HRM)/TA to Director(T&SO)/TA to Director(SCM & Gen-E)/TA to Director(Gen-C)/Company Secretary/Secretary Admn/LA&DEO

Forwarded by order,


Assistant Executive Engineer