



# KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vydyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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## ABSTRACT

Execution of work for laying 5.2km 11kV UG cable, 5 km LT ABC with 100 LED streetlight installation, installing 84 nos. RMU along with dismantling of existing HT/LT OH line in the Industrial Estate, Aroor in favor of the District Industries Department, Alappuzha under Electrical Section Aroor, and Electrical Circle, Alappuzha on work deposit basis -Sanctioned - Orders Issued.

## CORPORATE OFFICE- (SBU-D)

BO (FTD)No.198/2023(DIRDIT-AE2/Works/2022/006)

Thiruvananthapuram, Dated: 13.04.2023

- Read:
1. BO (DB) No.449/2022 (PLNG-AEE2/2022/31) dated 26.05.2022
  2. Letter no CE(DC)/AE2/Industrial Estate -Aroor/22-23/3016 dated 16.02.2023 of the Chief Engineer, Distribution Central.
  3. Note No.DIRDIT-AE2/Works/2022/006 (1) dated 12.07.2022 of the Director(Distribution, IT& SCM) to the Full Time Directors (Agenda Item No.95/03/23).

## ORDER

The Chief Engineer, Distribution (Central) as per the letter read as 2<sup>nd</sup> above, has reported that the Industrial Estate at Aroor has a large number of HT and LT industrial connections feeding from 4 Nos. of 11kV feeders from 110kV Aroor Substation. Due to the overhead bare conductors for both HT and LT lines, there are frequent interruptions due to natural and line - fault. Also, since the location is adjacent to the backwaters, the salty environment demands frequent maintenance. Both interruptions and maintenance are causing supply interruptions that is affecting the productivity of the companies.

A detailed inspection was conducted based on the request of the Industries Department and a proposal for replacing the existing 11kV OH lines with 11kV UG cable and drawing additional interlinking between feeders were prepared. The main LT feeders are proposed to be converted to LT ABC with provision for installing 100 LED Street lights in the Estate as required. The cable route is along Aroor - Edakochi road and Project Colony road, under PWD and Panchayath respectively and roads in Industrial estate. A 4km permanent trench was proposed since frequent road cutting will cause enormous expenditure and obstructions.

The work involves laying of 5.2km 11kV UG cable, installation of 84 Nos. of RMU units and drawing of 5km LT ABC line with 100 LED streetlight installations along with dismantling of existing HT/LT OH lines at various locations in the Industrial Area, Aroor. The estimate amounts to Rs 23,52,65,000/- (Rupees Twenty Three Crore fifty Two lakh and Sixty Five Thousand only). Provision for supervision charge(10% of Labour cost), GST (18%), restoration charges for road cutting, approval charges for Electrical Inspectorate, PTCC Charges etc., are included in the estimate.

The work is proposed to be done on Deposit Work basis, with the expenses met by the Industries Department, Alappuzha. Also, it is reported that the estimate amount may vary during the actual execution of the works according to site conditions or changes if any.

An abstract of the estimate is shown below:

Sl No:	Work	Amount (Rs)
1	Laying of LT ABC and installation of 100 nos LED streetlight	6760240.28
2	Laying of HT UG cable , RMU Portion	219526400.35
3	Dismantling OH Portion	912833.56

4	Road restoration charges	8000000.00
5	PTCC , Electrical Inspectorate charges	65526.00
<b>Total(Rs)</b>		<b>23,52,65,000/-</b>

As per the Delegation of Powers 2022 of Executive Officers of KSEBL, Chief Engineer is empowered for granting administrative and technical sanction upto Rs.10 Crore only for deposit works to be carried out by KSEBL after collecting cost from the applicant or works being carried out by beneficiary themselves under the supervision of KSEBL's officials after collecting supervision charges.

Hence the matter was placed before the Full Time Directors as per the note read as 3<sup>rd</sup> above.

Having considered the matter in detail, the Full Time Directors in its meeting held on 30.03.2023, resolved to accord sanction to the Chief Engineer, Distribution (Central) for granting Administrative Sanction after detailed scrutiny of the estimate, for execution of work for laying 5.2km 11kV UG cable, 5 km LT ABC with 100 LED streetlight installations, installing 84 Nos. of RMUs along with dismantling existing HT/LT OH line in Industrial Estate, Aroor in favor of the District Industries Department, Alappuzha under Electrical Section Aroor and Electrical Circle, Alappuzha on work deposit basis.

Orders are issued accordingly.

**By Order of the  
Full Time Directors**

Sd/-

**LEKHA G  
Company Secretary**

To:

The Chief Engineer, Distribution Central

Copy to: The Chief Engineer (IT & CR) /Financial Advisor/ Chief Internal Auditor/ Company Secretary  
The TA to Chairman & Managing Director  
The TA to Director (Distribution, SCM, IT, REES & Soura)/ Transmission, System Operation, Planning  
, Safety & Gen-Ele)/ Generation-Civil/  
The PA to Director (Finance, & HRM)  
The CA to Secretary (Administration)  
Stock File.

Forwarded / By Order

  
Assistant Engineer