



## 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 2514610, 2514274

Email: ceit@kseb.in

### ABSTRACT

KFON Project - Replacing of 24F existing OPGW with 48F OPGW under KFON Project - Approved - Orders Issued.

### CORPORATE OFFICE (IT, CR & CAPs)

BO (FTD)No.793/2022(CEIT/RITU/KFON/OPGW Issues)

Thiruvananthapuram,Dated: 27.09.2022

- Read: 1. B.O. (FTD) No. 690/2021(CEIT /RITU/KFON/OPGW/201-22) dated 22.09.2021.  
2. Minutes of the State Level Co ordination Committee held on 12.01.2022.  
3. Letter No. CESO/Tech/OPGW/2021-22/2677 dated 24.01.2022 of Chief Engineer (Trans-SO) addressed to the Director (Trans.& SO).  
4. Letter No. CESO/Tech/OPGW/2022-23/713 dated 22.06.2022 of the Chief Engineer (T-SO) addressed to the Director (Trans- SO, P&S).  
5. Note dated 23.08.2022 of the Chief Engineer (IT, CR & CAPs), submitted to the Director (Trans, SO, P & S) through the Director (Dist., IT & SCM).  
6. Note No. CEIT/RITU/KFON/OPGW issues (10) dated 04.09.2022 of the Chief Engineer(IT,CR&CAPs) submitted to the Full Time Directors (Agenda Item No: 16/9/22).

### ORDER

KSEBL, as per order read as 1<sup>st</sup> above, had accorded sanction for replacing the portion of 24 Fibre OPGW already laid/proposed to be laid by KSEBL in the following 110kV links with 48F OPGW under KFON project, with instructions to KSITIL/BEL to take utmost care while dismantling the existing 24F OPGW so that the dismantled OPGW can be utilised in other locations.

1. Panoor - LILO Quilandy
2. Meppayyur LILO (Panoor-Quilandy LILO)
3. Malapuram – Kizhisseri,
4. Kalamassery – Malayattur (Proposed)

The State Level KFON Co-ordination Committee meeting held on 12.01.2022, had recommended the following with regard to the replacement of existing 24F OPGW with 48F KFON OPGW:

1. Dismantling 24F OPGW is mainly for the purpose of fibre sharing to KFON, hence shall be included in Package A of KFON project.
2. If there is data communication through the existing 24 Fibre which is to be replaced with 48F KFON OPGW, alternate path for existing data communication shall be established by KFON, before dismantling the existing OPGW.
3. The guarantee of the replaced 48F OPGW will be in line with KFON conditions (7 years warranty by M/s. BEL).

Based on the decisions taken in the District/State Level KFON Co-ordination Committees, the Chief Engineer (Trans.-SO), as per letter read as 3<sup>rd</sup> and 4<sup>th</sup> above sought approval for the following 24F OPGW links, to be replaced with KFON 48F OPGW where 24F is existing:-

1. 110kV Nallalam -Chevayur
2. 110kV Chevayur- Koduvally
3. 110kV Koduvally-Kakkayam
4. 110kV Chevayur- Quilandy
5. 110kV Kunnamangalam LILO
6. 110kV Kinalur LILO
7. 110kV Koduvally LILO
8. 110kV Aluva LILO
9. 110kV Mundakkayam LILO
10. 110kV Sasthamkotta - Chavara LILO.

damages that can occur during the process of dismantling and re-laying which is likely to cause adverse impact on the quality and useful life of the fibre, and therefore suggested re-using the same as earth wire or for emergency short distance OPGW requirements.

The matter was placed before the Director (T,SO,P&S) through the Director (D,IT&SCM), as per note read as 5<sup>th</sup> above and it was directed to place the same before the Full Time Directors with certain observations/modifications.

Accordingly the matter was placed before the Full Time Directors as per the note read as 6<sup>th</sup> above.

Having considered the matter in detail, the Full Time Directors, in the meeting held on 20.09.2022, resolved to accord sanction for the following-

1. To allow KSITIL to replace the existing 24F OPGW with KFON 48F OPGW in the following links viz., Nallalam-Chevayur, Chevayur-Koduvally, Koduvally-Kakkayam, Chevayur-Quilandy, Kunnamangalam LILO, Kinalur LILO, Koduvally LILO, Aluva LILO, Mundakkayam LILO, Sasthamkotta-Chavara LILO under Package-A of KFON project, after establishing alternate communication links (wherever data communication exists) before dismantling the existing 24F. The warranty of the replaced 48F OPGW shall be in line with KFON project (7 years).
2. To instruct KSITIL/KFON to take utmost care while dismantling the existing 24F OPGW so that the dismantled OPGW can be utilised in other locations, as earth wire or for short distance OPGW requirements.
3. To intimate KSITIL/ KFON that OPGW drawn shall remain the asset of KSEBL in all cases. The OPGW installations shall be covered in the maintenance by KFON. Some of the lines are having defect liability by the transmission contractors for some more period. Hence, before commencement of the work, proper documentation is to be made by KFON through Chief Engineer (Transgrid) and the work shall be done in strict compliance to the mutually agreed terms between the Transgrid contractor and KFON.
4. To give detailed instructions to KSITIL regarding removed cables, transportation and storage.



Further resolved to instruct the Director (SCM) to ensure use or disposal within 3 months and that modification/liability if any, shall be the responsibility of KFON.

Orders issued accordingly.

**By Order of the  
Full Time Directors**

*SD/-*

**LEKHA G  
Company Secretary**

To:

1. The Chief Engineer (IT, CR&CAPs).
2. The Chief Engineer (Trans.- System Operation)
3. The Chief Engineer (Transgrid)
4. The Chief Engineer, Transmission- South/North

Copy to: The Financial Adviser/ Chief Internal Auditor/ Company Secretary

The Deputy Chief Engineers of all Transmission Circles/ Transgrid-North/ South.

The TA to Chairman & Managing Director/ Director (D, SCM&IT)/ Director (T, SO, S&P)/ Director (REES, SOURA, NILAAVU, Sports & Welfare)/ Director (G-E)/ Director (G-C)

The PA to Director (Finance & HRM)

The CA to Secretary (Administration)

Stock File.

Forwarded / By Order

*[Handwritten Signature]*

Assistant Engineer