

ABSTRACT

LPHEP-request for installing micro BTS unit of BSNL at LPHEP for enhanced signal strength instead of porting the BSNL CUG numbers -sanction accorded-orders issued.

Corporate Office (SBU-G/E)

BO (FTD)No.936/2022(DGE/G3/Land line porting)

Thiruvananthapuram,Dated: 02.12.2022

- Read: 1.Letter No.CEG/AEE1/LPHEP/Porting connectivity/2022-23/965 dated 03.10.2022 of the Chief Engineer(Generation) and the accompaniments.
2.Letter No.CEG/AEE1/LPHEP/Porting-connectivity/22-23/1193 dated 19.11.2022 of the Chief Engineer(Generation)
3.Note No. DGE/G3/Land line porting/155 /22-23 /155 dated:21.11.2022 of the Director (Gen.- Ele.) (Agenda item No.76/11/22).

ORDER

The Chief Engineer (Generation) as per letter read as 1st above has reported the poor network coverage of BSNL at Lower Periyar Power station area is hindering the smooth functioning of the power station.It is reported that emergency communications from control room to Division office and staff colony area are disturbed in many days, especially in bad weather conditions.

In the above circumstances, the possibility of getting a dedicated booster tower at LP area from BSNL was initially enquired. An amount of Rs.2,00,000/- is expected as initial cost for erecting a BSNL booster tower at LPPH. Altogether, the abstract cost for getting a good network by BSNL will be around Rs.5015/- per month , in addition to the initial cost of tower erection.

Other option was that porting of BSNL CUG/FCT mobiles (plan -150,125,FCT) ,total 18 Nos. to (Vodafone -Idea) VI network (plan 199) which is having comparatively better network coverage in this area.

As the initial cost of booster tower erection along with monthly recurring charges for getting enhanced BSNL connectivity is very high compared to monthly expenditure after porting of the connections to VI network , the Chief Engineer (Generation) had initially suggested for porting of BSNL CUG/FCT connections to Vodafone-Idea Network.

As all the CUG/FCT connections across KSEBL are originated and being dealt under Communication Division, Thiruvananthapuram, the matter was taken up with Communication Division,Tvpm for exploring the possibility of solving the issue centrally through the higher officials of BSNL .

Subsequently , BSNL mobile team visited the site on 07.11.2022 and discussed with KSEBL officials regarding various options to boost up the signal strength at LP HEP premises and proposed the following works ,both from BSNL and KSEBL sides for improving the connectivity .

Within the scope of M/s BSNL

1. BSNL will install a micro BTS unit on the roof top of LP HEP so that the connectivity issue can be resolved.

2. As there is no existing KSEBL owned OFC network available from Neendapara to LP HEP, an Optic Fibre connection (Approx.4km) can be established between Neendapara mobile tower and micro BTS at LP Power House by availing a pair of fibre on lease from local cable network operator (Kerala Vision). The existing FTTH connection to the Power House is through the OFC network of Kerala Vision.

• **Within the scope of KSEBL**

1. A pole/pipe 3m length has to be fixed on top of the LP power house for installing the antenna.
2. A 230 V 5A AC power (approx.300Watts connected load) has to be provided by KSEBL free of cost for the proposed micro BTS unit.

Considering the urgency involved and the concurrence submitted by the Deputy Chief Engineer, Generation Circle, Kothamangalam, the Chief Engineer (Generation) as per letter read as 2nd above has requested sanction for installing a 3m pole on top of the LP Power house building and for installing the BSNL micro BTS unit on the proposed pole. Also requested sanction to provide a 230V, 5A, AC power supply to cater an approximately 300W connected load for the micro BTS unit owned by BSNL free of cost. The matter was placed before the Full Time Directors as per note read as 3rd above.

Having considered the matter in detail, the Full Time Directors meeting held on 30.11.2022 resolved to accord sanction to install a 3m pole/pipe on top of the LP Power house building suitably and for accommodating the BSNL micro BTS unit on the top of the pole and to provide a 230V, 5A, AC power supply to cater an approximately 300W connected load for the micro BTS unit, free of cost.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-

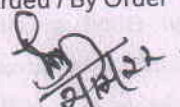
**LEKHA G
Company Secretary**

To:

The Chief Engineer (Generation), Moolamattom.

Copy to: The Financial Adviser/ Chief Internal Auditor/ Company Secretary
The Deputy Chief Engineer, Generation Circle, Kothamangalam
The TA to CMD/ D(GE & HRM) / D(T,SO,P&S)/ D(D,IT&SCM)/D(GC)/D(RSS&W)
The PA to D(F)
Stock File

Forwarded / By Order


Assistant Executive Engineer