

Abstract

Availing BSNL “3G” Network at Sholayar Power House-consent for sharing the existing OFC infrastructure of KSEBL to M/s BSNL - Sanction Accorded– Orders issued.

Corporate Office (SBU-G/E)

B.O .(FTD) No.590/2020 (No. DGE/G3/Sholayar/2020-21 Thiruvananthapuram

dated: 24 -09-2020

- Read:-
1. B.O. (FM) No.1996/2009 (GPC4/General-6/2009) dated 30-07-2009
 2. Letter No.DBE2/SLR_Communication/2020-21/257 dated 03-06-2020 of the Deputy Chief Engineer, Generation Circle, Thrissur.
 3. Letter No.CEG/AEE VIII/Sholayar/3G Network/2020-21/825 dated 26-08-2020 of the Chief Engineer(Generation & PED), Moolamattom.
 4. Note No.DGE/G3/Sholayar/20-21 dated 16-09-2020 of the Director (GE & SCM) (Agenda Item 32/9/2020)

ORDER

The (3x18MW) Sholayar Power House is situated in an isolated dense Forest area where communication facilities except carrier communication are not available. The one and only available Network is of BSNL which has signals in some nooks and corners of the entire area. Therefore, it is suggested to take necessary steps to improve the communication facilities at Sholayar and Ambalappara for establishing smooth communication between the Operators/staff of Power House Control room, Dam, Valve House, Security Gates, Ambalappara IB, higher offices of KSEBL and also to give information to Forest Department, Fire & Rescue Department, Police Station, Disaster Management Cell at Collectorate etc., during emergencies.

It is reported that a reliable and stable communication & Internet connectivity is essential at Sholayar Power House for the smooth execution and commissioning of the ongoing renovation works. As the newly installed Machines are governed through SCADA, “Software updations” of these systems will have to be done in future. Some “Software updations” are still pending due to the lack of Internet service at Sholayar which may adversely affect the performance and life of the new machines. It is also important to provide a Mobile Network coverage in all the above mentioned areas with regard to operation and safety aspects of the Sholayar Hydro Electric Project. In addition to that, the Contract workers of R&M project who are hailing from other states also find it difficult to communicate with their families due to the absence of Mobile Network coverage at Sholayar.

In order to address the above, a series of discussions were held with the Engineers of M/s BSNL and they have offered their willingness to extend “3G Network” to Sholayar Power House premises by utilizing a pair of Fibers available in the existing Optical Fiber Cable (OFC) Network of KSEBL, available between Chalakudy Substation and Sholayar Power House and by installing a Mobile Tower at Ambalappara, at the cost of BSNL. They have also requested to provide the following facilities for establishing the proposed connectivity.

- 2 Fibers from the existing OFC of KSEBL already drawn to Sholayar Power House from Chalakudy Sub Station at free of cost
- Communication Room of size around 8 Feet x 6 Feet
- Free Power Supply for the BSNL communication equipment.

The mater was communicated to the communication wing of KSEBL and they have informed that , it is possible to spare 2 Fibers to M/s BSNL for establishing Mobile Network at Sholayar. Also reported that a Room and Power Supply have been allocated to M/s BSNL at Poringalkuthu, at free of cost ,in the year 2009 as per B.O. read (1) above, for establishing Mobile Network for Poringalkuthu HEP. The Executive Engineer, Gen. Division, Poringalkuthu has also informed that the Store room attached to Ambalappara IB which is now kept as idle can be used for this purpose. Also, the space available at Ambalappara can be utilized ,for installing a Mobile Tower. The Power Supply can be provided at free of cost to BSNL in the similar way it was provided to BSNL at Poringalkuthu.

Meanwhile, the Chief Engineer(Generation & PED),as per letter read as 3rd above reported that BSNL has now connectivity upto Vazhachal area and they need fiber, only from Vazhachal area to Sholayar , for the time being ,for providing connectivity to sholayar area. Therefore ,it is requested for allocating 2 cables from the available OFC cores to BSNL, from vazhachal area to Sholayar, along with required infrastructure of KSEBL, so as to provide the connectivity to sholayar area.

Considering the above , sanction was requested to allocate 2 fibers from the available OFC from vazhachal area to Sholayar ,along with the required infrastructure of KSEBL to M/s BSNL, free of cost, in order to establish stable and reliable communication facility at Sholayar Power House premises, after obtaining an undertaking from M/s BSNL.

The matter was placed before the Full Time Directors as per note read as 4th above. Having considered the matter in detail, the Full Time Directors meeting held on 17-09-2020, resolved to accord sanction to allocate 2 fiber cores, from the existing OFC network of KSEBL , from Vazhachal area to Sholayar, along with required infrastructure of KSEBL to BSNL, free of cost, for establishing the required connectivity to Sholayar Power house, as requested, after obtaining an undertaking from M/s BSNL in this regard.

Orders are issued accordingly.

By Order of the Full Time Directors,
Sd/-
(LEKHA.G)
Company Secretary
(In -charge.)

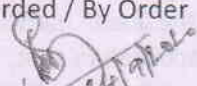
To:

1. The Chief Engineer (Generation& PED), Moolamattom.
2. The Deputy Chief Engineer, Generation Circle ,Thrissur

Copy to:

The Chief Internal Auditor,
The TA to CMD/D(F)/D(GE&SCM)/ D(T,SO&REES)/ D(DIT&HRM)/D(GC)/D(C&P) .
The Fair copy Superintendent/Library/Stock File

DESPATCHED
No. 158
Date 25.09.20

Forwarded / By Order

Asst. Executive Engineer