

**ALL INDIA
BHARAT SANCHAR NIGAM LIMITED
EXECUTIVES' ASSOCIATION**



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No. AIBSNLEA/CMD/2017-18/

Dated 8.1.2018

To,

Shri Manoj Sinha Ji,
Hon'ble MoS (C) (I/C), Govt. of India,
1st Floor, Sanchar Bhawan,
Ashoka Road,
New Delhi - 1110001

Subject: Request for Allocation of 5 MHZ Spectrum in the Premium 700 MHz Band to BSNL for the roll out of 4G LTE technology by BSNL on Pan India basis

Hon'ble Sir,

On the subject cited above, we would like to submit following points to your kind honour so as to implement of 4G LTE technology by BSNL on Pan India basis

Competitive market Scenario:

Presently, all the Telecom Service Providers except state run BSNL / MTNL are offering the high Speed 4G services in all LSAs at very aggressive prices. But BSNL is giving competitive Tariffs plans on 2G/3G network. To compete with the private operators, to regain its original glory and to achieve the revenue Target, BSNL is essentially requires 5MHz Spectrum for offering 4 G services by BSNL on Pan India basis. More over now tariffs are stabilized in the market and Limited operator remained in market, the acquisition /retention of customers will be based on the Services offered & Quality of Service. In coming time, offering of 4G services will be must for MNP also.

Technological advantage:

4G is based on the OFDMA technology which has several advantages of OFDMA such as Equipment, infrastructure for OFDMA(cost of the chips are cheap), Optimized use of air interface resources, scheduling in non-faded carriers, Facilitates such as the use of advanced antenna techniques, allows deployment in small spectrum band: enables single frequency network coverage etc.

Customer Satisfaction:

LTE network is very fast & 10 times faster than 3G network. It offers extremely high voice quality and it is very fast when downloading huge files over a wireless network. It is very good & clear when streaming videos, watching online videos, playing online music, watching online TV & the others streaming stuffs.

BSNL presently offering Wi-Fi services in competition to 4G networks with much more coverage than the other systems which forces the users to depend upon [hot spots](#) in each area they visit. Since 4G offers a coverage of 4 to 5 Kms in 5 MHz Spectrum in 700 MHz Band, the users would be assured of complete connectivity at all times. One of the biggest drawbacks with [Wi-Fi](#) networks is online security. This is especially true for the mobile devices. But 4G networks secures complete privacy, security and safety. More over it is more beneficial for corporate establishments & business

persons. Who hold sensitive information on their respective mobile device? Like that 4G technology provides the users with many options to choose from.

It is learnt that BSNL Board is on the opinion to get 4G allocation in 5 MHz spectrum in 2100 MHz Band for pan India from DOT except Rajasthan and for Rajasthan 5MHz spectrum in 800 MHz Band. As 5MHz spectrum to be allocated in the 2100MHz band will cover only the distance 300 meters for which more number of BTS Equipments are to be provided whereas the 5MHz spectrum will be allocated in 700 MHz Band for 4 G Services it will have a coverage of 4 to 5 Kms. Our Association is in the firm opinion that BSNL should be allotted 5 MHz in both bands on priority so it can optimize its Planning as per traffic needs capacity as well as coverage .By augmenting 4G technology, BSNL may save its OPEX in 2G /3G network .

BSNL is a CPSE in Telecom sector which is a service industry. It has pan India presence. It is facing competition from a large number of private players of the industry. Being a CPSE, it is fulfilling the obligations of the Government by providing services in-such difficult areas also where the private players do not offer services because of absence of profit. The infrastructure cost in providing services in high terrains, Left Wing Extremists (LWE) area are much more and it does not make business sense. for which no compensation has been received from DOT. USO fund, Access Deficit Charges, IUC Charges already paid by the DOT to BSNL as compensation for the said services has been withdrawn by the DOT for past 5 years. BSNL is maintaining more than 20,000 Telephone Exchanges with an annual expenditure to the tune of more than Rs.11000 Crores. BSNL cash deposit has been taken by DOT in the name BWA spectrum Charges. Along with this, BSNL is executing all the government's Flagship programs such as NOFN, NFS, LWE, North Eastern Telecom infrastructure etc. on meager margins but huge manpower is engagements in these projects. However, BSNL is performing its duties towards nation despite of financial implications.

Hence, the changed Technology scenario severally affected the BSNL's prospects and BSNL does not have sufficient money to get Spectrum in 700 MHZ Band since the Government is auctioning 700 MHZ Band for the first time at an exorbitant base prices. Hence we request your kind honor to extend necessary policy support to BSNL by providing 4G spectrum without any heavy financial burden of the Government in lieu of social obligation carried out by BSNL.

In view of the foregoing, We would therefore, earnestly request your kind honour to kindly consider our request and cause to issue necessary instructions to the officers concern to allot 5MHZ Spectrum in 700 MHZ Band also to BSNL on bench marks basis for the augmentation of 4G technology for BSNL's Mobile network across the country.

With Kind Regards,

Yours faithfully,
-sd-
(PRAHLAD RAI)
General Secretary

Copy to-

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2. Shri Anupam Shrivastava, CMD, BSNL, 3'd Floor, BSB, HCM Lane, Janpath, New Delhi-110001.