



RK Bhatnagar &lt;rkbhatnagar.dg.voice@gmail.com&gt;

**Re: VoICE White Paper on Spectrum and CNPN Projects**

1 message

**RK Bhatnagar** <rkbhatnagar.dg.voice@gmail.com>

28 January 2024 at 16:31

To: Shri Ashwini Vaishnaw &lt;moc-office@gov.in&gt;, mosc-office@gov.in

Cc: Neeraj Mittal &lt;secy-dot@nic.in&gt;, Additional Secretary Telecom &lt;ast-dot@gov.in&gt;, member-dot@nic.in, memberf-dot@nic.in, members-dot@nic.in, wawpc@nic.in, Robert Ravi &lt;ddg.sri-dot@gov.in&gt;, ddgic-dot@nic.in, ddgir-dot@nic.in, RK Bhatnagar &lt;rkbhatnagar.dg.voice@gmail.com&gt;, Sheo Bhadra Singh &lt;sb.singh66@gov.in&gt;

No VoICE/2024/January/09

Dated 28.01.2024

To

1. Hon'ble Minister for Communications, Electronics & Information Technology and Railways
2. Hon'ble MOSC

Copy:

Secretary (T), DoT

Member(S), Member(T), Member(F): Telecom Commission,

Addl. Secy (T), USOF Administrator

Wireless Advisor, WPC,

DDG(SRI), DDG(IR), DDG(G20), DDG(IC)

 [VoICE Newsletter-3-2023.pdf](#)

) DoT

**Subject: VoICE White Paper on Spectrum Issues and CNPN Projects**

Dear Sir,

This is continuation of VoICE letter No VoICE/2024/January/04 dated 15.01.2024 that had VoICE White Paper on Spectrum allocation directly by the Government in line with **the Telecom Act, Schedule 1 for CNPN Networks** and VoICE response through an Email communication dated 25<sup>th</sup> January 2024 which had responded to the DoT's request for CNPN Project submission covering End to End Solutions in Consortium project, where 28 Project were submitted.

We are quite convinced that we are on the right track for global adoption of India's 4G/ 5G stack and the Government's intent to ensure that the country becomes an export engine of products, of technologies, aligning with Hon'ble Prime Minister very clear vision of Indian Global leadership, is really achievable. In India, deployment of Captive Non-public Network by Enterprise is at nascent stage through the conventional Service Provider route. The ecosystem for CNPN use cases in Government (Railways, Armed Forces, Power/ Mining/ Ports/ Airports/ Smart City etc), PSUs, Industrial Infrastructure projects etc are dependent upon the availability of wireless spectrum to Enterprises in an affordable manner. These 28 Projects are covering all these and many more verticals. Further, we are quite confident that with the Government support, these Projects will find good acceptance in ASEAN, developing and even developing nations. Further, we have confidence that Investors also will also find it an attractive investment option for them.

The Booklet covering White Paper and 28 Projects is shared along with VoICE Newsletter of October to December 2023 which also provides 8 Consortium based participation in EIGHT 5G Use Cases in Consortium Mode. Page 2 of both booklets show how output of one company can be used as input by another for complete end to end solution. Even in this diagram, more companies are in the process of addition as they carry out Inter-Op activities and number of Projects can have a multiplier of 10 or 20 or even 50 after the first set of Projects get acceptance and funding. Most of these companies are start-ups and SMEs with Turnover below Rs. 20 Crores, yet the complete solution is capable of challenging MNCs like Ericsson and Nokia. We request the Government to give a fair chance towards the success of CNPN Projects.

We look forwards towards:

- a) **A liberalized policy on direct Government Spectrum allocation for setting up Captive Private Mobile Networks and it can be the game changer that can resurrect the domestic design and manufacturing ecosystem. It will open up opportunities for innovative solutions for not only Mining, Defense, remote locations, refineries, utility companies but also for providing "in building solutions" to address coverage and spectrum availability issues and this can happen many months earlier if left to Licensed Service Providers.**
- b) **Faster approvals and payments for TTDF and DCIS applicants and more opportunities of success of Make in India vision.**
- c) **Support the industry during the upcoming Investor's meet on 30<sup>th</sup> January 2024.**
- d) **VoICE end-to-end CNPN Projects can be used to set up Enterprise Digital Transformation Centers in ASEAN countries as MOSC interacts online with 10 ASEAN Communication Ministers on 2<sup>nd</sup> February 2024. DDG(IR) who is travelling for the ASEAN meeting can be briefed on what India can offer.**
- e) **VoICE's support can be tapped covering all countries and delegates participating in the Bharat Telecom event on 29 & 30 January 2024.**

**We are open to any further discussions that you may like to have with the VoICE team on the way forward.**

Looking forward for your support for the domestic industry.

Rakesh Kumar Bhatnagar, ITS 1975  
Retired Advisor (Technology), DoT &  
Director General

Voice of Indian Communication Technology Enterprises (VOICE)

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Encl:

1. VoICE Booklets with CNPN Spectrum White Paper and 28 CNPN 5G Projects
2. VoICE Newsletter No 3/2023 Period October to December 2023

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**2 attachments**

 **VoICE\_CNPN\_Letter\_28012024.pdf**  
2165K

 **VoICE CNPN 5G Projects.pdf**  
8107K