No. I-11013/15/2022-ICT (E- 87727)   Dated 27.06.2023
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(Circular)

Sub: -Regarding Wi-Fi Policy for all ESIC Medical Colleges/Hospitals and Teaching Institutions.

The requirement of Wi-Fi internet facility in all ESIC Medical Colleges/Hospitals & in Teaching Institutions has been assessed in Headquarters' Office. Accordingly, a committee was formed to assess the Wi-Fi policy for ESIC Medical Colleges/Hospitals and Teaching Institutions. On the recommendation of Committee, the Competent authority has approved the following guidelines for compliance: -

1) All Medical Colleges and Teaching Institutions should adopt campus-wide Wi-Fi network solution for their Medical colleges and hospitals.

2) All Medical Colleges/Hospitals are required to follow all the statutory requirements as issued by the NMC and respective State authorities time to time.

3) For Wi-Fi facility 2 (ILL) Internet leased lines (minimum), which should be from different ISP terminating at same network centre location may be installed. If link utilization is observed more than 70% than the Institute's competent authority can upgrade the link as per their requirement.

4) There should have separate LAN network for Wi-Fi setup from the existing LAN being used for Dhanwantri Application.

5) Presently, the primary users of Wi-fi connectivity is envisaged for Medical officers, students and staff of Medical college. For IP, the internet access for downloading the IP reports etc. can be given on need base.

6) As the geographical expansion and design of buildings of each campus is different, therefore the requirements greatly differ from one campus to another. Therefore, to assess the requirements, the services of a technical consultant agency may be taken by respective Medical college. In view of the availability of 5G services in major locations, the above selected technical Consultancy agency can do the estimates for the Bandwidth requirements, number of access points, cabling, accessories as per the site-specific requirements.

7) Based upon the quantum and scope as decided by the Institute's Competent authority, an RFP may be floated to take services from GeM. The technical committee for preparation of the RFP can have members from the Medical Institution, ESIC Headquarters' Office/IT Consultants. The responsibility of the execution work from the selected System Integrated (after RFP finalisation) may be handed over to Institute's Property Management Division along with IT for its supervision and implementation.

8) The Wi-Fi solution must have robust security features like firewall, Intrusion prevention, security proxies, etc along with suitable access controls. The content to be permitted on Internet is to be decided by Head/ Dean of the Institution.

9) The access through Wi-Fi must have secure access control measures so that only authorized users can able to access Wi-Fi. The solution must have usage monitoring/control with auditable access logs. This can be achieved through AAA (authentication, authorization, and accounting) server.

10) LAN to be controlled by Central Management Console where ISP lines are being terminated. No separate ISP terminations are recommended for different or distant campus locations.

Further, proper procedure for procurement as per GFR/CVC guidelines and other guidelines issued by Govt. of India from time to time must be followed.

This issues with the approval of Competent Authority.

Yours Faithfully

Dr. Mona Varma
Deputy Medical Commissioner (ICT)

To,
All MS ESIC Hospitals
All Dean, Medical College/Teaching Institutes