



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान—हाजीपुर

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER) - HAJIPUR

(Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India)

Export Promotions Industrial Park (EPIP), Industrial Area, Hajipur

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Dt. 24-07-2025

Notice to carry out the Firewall/ UTM System PoC

NIPER Hajipur intends to acquire a Firewall/UTM Solution for its campus. To assess compatibility with the institute's requirements, we invite OEMs, vendors, and other interested parties to participate in a Proof of Concept for their UTM/Firewall solutions. This evaluation will assist us in determining whether offered solutions fulfil our institute's requirements, which are outlined below:

1. 6 ISP line should be connected at the same time and bandwidth merge facility should be available.
 - I. Port 1----JIO 50 Mbps Leased Line (ISP 1)
 - II. Port 2 ---BSNL 100 Mbps Leased Line (ISP 2)
 - III. Port 3 --- BSNL FTTH1 100 Mbps (ISP 3)
 - IV. Port 4 --- BSNL FTTH2 100 Mbps (ISP 4)
 - V. Port 5 --- BSNL FTTH3 100 Mbps (ISP 5)
 - VI. Port 6 --- BSNL FTTH4 100 Mbps (ISP 6)
2. Minimum of 2 WAN link load balancing and failover capabilities, allowing for increased network resilience and performance facility should be available. This functionality enables the firewall to distribute traffic across multiple WAN links, and automatically switch to a backup link if the primary one fails.
3. Dedicated output ports with multiple policies should be available and configured. For example
 - A. Port 9 will be utilised as output for office Internet with JIO (ISP 1) with the backup from other merged ISP.

OR

Port 9 will be utilised as output for office Internet with the bandwidth merger of JIO (ISP 1) + BSNL FTTH1- port 3 +BSNL FTTH2.
 - B. Port 10 will be utilised as output for the hostel Internet with BSNL (ISP 2 at port no. 02 WAN) with the backup of other 4 BSNL FTTH ISP merged bandwidth.

OR

Port 10 will be utilised as output for the hostel Internet with the bandwidth merger of BSNL Leased Line (ISP 2) + BSNL FTTH3 +BSNL FTTH4.
 - C. Port 11 and 12 will be utilised for the Meeting Room and Seminar Hall with all 6 ISP merged bandwidth with no restriction of anything.
4. All VPN should be blocked.
5. Should have captive portal option including self-password change option in there so that the user can change their password directly through the captive portal according to their need.
6. Live user option should be there so that we can monitor who is online and which URL exactly they are browsing.

7. Daily data limitation quota facility should be available for the users.
8. A URL block facility should be available.
9. All log report generation facilities by user ID, MAC Address, and IP address should be available.
10. DHCP option should be available.

Interested parties should confirm their participation by sending an email, including the OEM make and model, to the emails listed below by 5 PM on August 8, 2025.

i. **Mr. Sandeep Kumar, Technical Assistant(Computer)**
Email: ta@niperhajipur.ac.in
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ii. **Mr. B Nagarjuna, System Engineer**
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Sd/-
Registrar (i/c)