

Reply to Pre Bid Queries in the tender for Campus Wi-Fi and LAN up gradation at the Bihar Museum, Nehru Path, Patna

S. No.	Questions	Answer
1.	As per the scope of work of tracing, fixing & termination of existing CAT-6 UTP LAN, Access Points, cable points etc, splicing/termination of optical fiber cable (per splice) already installed in Bihar Museum campus. In this regard, it is kindly requested to share existing network diagram, OFC layout diagram, approximate length of CAT-6 UTP CAN/OFC cables, number of Access Points and its make & model, number of existing switches. What should be the minimum depth of shallow trench for OFC laying?	Drawing if available may be provided. Please see the scope of work Part-A
2.	Payment clause may be specified please.	As per tender document.
3.	Whether AP is to be connected through Fiber or RF or Hybrid (Both OFC & RF)	Hybrid
4.	No. of 10- Port Gigabit Switch may be specified please.	Survey need to be done by the bidder as per scope of work defined in the tender document.

5.	Required UTM should be compatible to how many users.	Depends upon the number of visitors.
6.	Confirmation about requirement of total ILL bandwidth of 1 Gbps (1:1) as strongly suggested in the meeting instead of having ILL bandwidth of 500 Mbps (1:1) as sought in the tender document.	Bandwidth will be 1 Gbps.
7.	Although, it was stated that payment of Tender document cost and the EMD Amount shall be in the form of Demand Note only. However, the same may kindly be confirmed.	Tender Document cost & EMD is needed in DD form as mentioned in NIT.
8.	Whether entire campus/built up areas of the Bihar Museum building are to be given/made Wi-Fi? If any specific building /office are required to be provided with Wi-Fi, the same may kindly be confirmed along with name of building etc. What should be the minimum signal strength of Wi-Fi AP. Generally it is kept -67dBm. It is requested that wi-fi zone may clearly be defined and demarcated.	Complete Built up area
9.	It was intimated that the features/specification of Access Points required for Wi-Fi coverage are not mentioned in the bid document. As discussed/suggested, the handling capacity of each of the AP (2*2 mimo carrier grade) should be minimum 100-150 customers at a time as Wi-Fi coverage/facilities may be extended to the general public/visitors in future. So, confirmation in this regard	Standard industrial AP can be given.(Reputed Make)

	may kindly be communicated. Make/Model/Feature & Specification of Access Points may be clarified please.	
10.	Whether the specified items like AP, Switches, routers etc will be on OPEX model or on CAPEX model.	As per tender document. See also the financial bids.
11.	Whether facilities of 24x7 NOC (Network Operation Centre) is to be provided to the proposed Wi-Fi based Internet services to the Bihar museum? So, confirmation in this regard may kindly be communicated. Whether SLA based services is required. In case service requirement is SLA based then SLA parameters/penalty may be specified please.	24x7 NOC is part of WiFi.SLA will there with standard penalty clause.
12.	Whether the Wi-Fi based Internet services are required with proper and smart authentication/OTP based?	OTP based
13.	Whether features/facilities of OTP (over mobile SIM) based services are required for proposed Wi-Fi based Internet services are required?	Yes
14.	Whether facilities of White listing/black listing of Mobile, Gadgets, Computer, laptop etc are required for proposed Wi-Fi based Internet services?	Yes



15.	Whether features/facilities of smart log generation (need based) of Wi-Fi services used by the customer are required for proposed Wi-Fi based Internet services?	Yes
16.	Whether features/ facilities of increase or decrease in Bandwidth over the AP/set of APs (need based) are required for proposed Wi-Fi based Internet services?	Yes
17.	As discussed, the Existing APs (Access Points) at Bihar Museum were installed somewhere 7-8 years ago which may not be re-usable as the same is of old model and single band capacity only and may create authentication and maintenance related issues. But the proposed APs shall be of dual band capacity only and hence bidding should be done accordingly. These facts may kindly be acknowledged.	Technically old APs shall be examined, if usable then need to be integrated.
18.	In view of above clarification, it is requested to extend the date of submission of tender by minimum 15 days from the date of issue of clarification.	Last date extended till <b>20.04.2022</b> before 3:00 pm

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