

ADDENDUM 2 DATED 01/07/ 2023

Tender ID: 2023_IITS_758376_1

Tender Reference: IITS_NIT_011_2023

NIT: Interior works – Design, Supply, and installation, Testing and Commissioning of CCTV and Wi Fi System in newly constructed Boys Hostel 3, 4 and Dining block of Indian Institute of Information Technology Sri City, Chittoor as per the standard Specification

Pre Bid Meeting Date & Time: 26/06/2023 / 11:00 AM

Pre Bid Meeting Venue: IIT Sri City

The last date for submission of e-bids is extended till 11:00 Hrs. on 14th July, 2023. Opening of bid on 15th July, 2023 at 11:00 Hrs.

Bidders are advised to visit the website (www.iiits.ac.in and <https://eprocure.gov.in/cppp/>) frequently to find any addendum/ Corrigendum issued or extension of due date for submission, etc. No separate intimation will be issued / advertised in this regard. Bidders are advised to keep checking the website before submitting the final tender.

Pre Bid Meeting Minutes:

Minutes of Pre BID Meeting (Major Queries Raised by Vendors), Dated On 26-06-2023

SI No	Queries	IIIT Sri City Clarifications
1	Can the bidder provide any APs?	The institute currently has 90+ Aruba APs in Academic Block and 2 existing Hostels. The bidder can provide any AP but of internationally reputed brand (Ruckus, Aruba, CiSCO, etc), But they have to ensure interoperability of all existing and new APs
2	Can the Institute provide no. of APs, CCTV camera required; as the price would vary based on that?	An approximate number of 100 APs and 80 Dome-shaped CCTVs cameras, with 3 PTZ cameras for 2 Hostels entrance and 1 Dining area. The price comparison would be done based on per unit APs and CCTV cameras.
3	What is the length of the cable required?	The blueprint of the Hostel connecting to the Academic block is provided. Hence, the Bidder can get the information from the same
4	What are the requirements for the switches?	The selected switches(s) should be able to handle traffic of 10 Gigs; with up to 500 APs in total. Similarly, the controller should be able to handle 500 APs
5	What would be the validity of the bid?	The overall technical and price bid should be valid for 180 days.
6	What is Capacity of NVR and Backup utility?	2X64 Channel NVR With 8 SATA Ports with at least 1 month Storage Backup.
7	What mode will be used for fiber?	Single mode
8	What brand will be used for internal cabling?	Commscope with Cat6/6A
9	What will be used for uplink switching?	10G Switch at least 4 sfp modules.

10	All Access points integration controller is proprietary to as No OEM company provides Controller to support 3rd party access point and it will be difficult to integrate all old access points and New access points in One single controller.	There are solutions available in the market to convert from other vendor APs (such as Ruckus, CISCO, etc) to the format suitable to be used with Aruba Controller.
11	To re-verify the controller, Firewall, Switches since, Aruba will not support any other bidder for renewal, and this should be taken separately and not be made part of this proposal.	Please refer answer to point 10. In addition, IIIT spoke with Aruba and got the message that Aruba does NOT restrict to one bidder. Several bidders can bid and provide Aruba APs if required.
12	Since Firewall, controller & switched under AMC, if they are under AMC, it is difficult for bidder to re-verify without the concern and support either from IIIT team or the respective vendor.	IIIT Sri City will provide support by providing AMC for existing Aruba Controller in the campus

In addition, the measurable outcomes for the successful installation and commissioning of CCTVs and Wi-Fi APs by the vendors would be as follows:

1	Access Point (AP) should be enterprise grade (and not just commercial)
2	There would be 750 students and around 1500 to-be-connected devices (Laptop and Mobile). So, no. of devices that can be supported by each AP should be clearly mentioned and should adhere in the final deployment (if selected).
3	Ring Topology is preferred. The minimum signal strength level at any device should be -65 dBm.

4	The controller should support 500 APs; and should NOT be blocking, i.e., if any AP or even the controller does not work, Internet service should continue.
5	There should be redundancy provided for the controller.
6	The selected vendor should agree to carry out minor changes in the design, if required.
7	The price for each APs and CCTV camera should remain the same for 12 months, so that more APs and cameras can be added if required.
	The last date for the bid to be extended from current 7th July 2023 to 14th July 2023