Ref. No. : IIIT-A/ENQ/DR(E)/*2988* / 2015
Date   : 24th December 2015

Limited Tender Enquiry

Sub: Quotation for purchase of Wireless Access Point and Dual Band USB Adapter

Sealed tenders are invited under **Two Bid Systems** for the purchase of **Wireless Access Point and Dual Band USB Adapter** for the Indian Institute of Information Technology, Allahabad. The detailed specifications and terms & conditions are given in **Annexure I & II.**

The document may be obtained on payment of ₹500/- (Five Hundred Only) as tender processing fee from the counter at Jhalwa Campus, Allahabad. It can also be downloaded from the Institute web site www.iiita.ac.in and be submitted along with ₹500/- of tender processing fee in form of DD.

You are requested to submit the quotation by courier/speed post with complete details of specifications, terms & conditions, warranty/guarantee **etc. upto 31.12.2015 at 1:00 p.m.** Quotations duly sealed may be dropped in the tender box placed in the office of the Deputy Registrar (E), IIIT-Allahabad.

The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **31.12.2015 at 04:00 P.M.** The Financial bids of technically qualified tenderers will only be opened after technical evaluation by the Technical Committee. Basic rate, taxes and freight charges etc. must be quoted separately,

S/d
(Deputy Registrar)

Copy to:
❯ Hon'ble Director for kind information.

Technical Bid

(On letter head of the Firm & in a separately sealed envelope)
PROFORMA FOR APPLICATION

1. Name of the firm :- ....

2. Address of the firm :-..

....

3. Phone Number (With Code):- ....

4. Proprietor's name: - ....

5. Address of Proprietor: - ....

6. Proprietor's Phone No. :- ....

7. Details of the firm:-

     (a)Date from which the firm is operating: - ....

     (b)Turnover of the firm during: - FY 2012-13 (₹)..............

                             FY 2013-14 (₹)..............

                             FY 2014-15 (₹)..............

              (Please attach documentary evidence)

     (c) PAN No. :- ....

     (d) TIN No. :- ....

8. **Tender Processing Fee:** An amount of Rs. 500/- (Five Hundred Only) of tender (non refundable) is to be paid cash or DD payable in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad.**

10. **E.M.D. :** The tenders should be accompanied in a form of a **Demand Draft/FDR** in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad** (Any bid without EMD will not be considered). EMD should be enclosed with the Technical Bid document in a separate envelop. The EMD will be returned to the unsuccessful bidders within 15 days and to the successful bidders after submission of full Security Deposit in the shape of FDR or Bank Guarantee. EMD may be adjusted against security deposit if desired.

Amount of EMD as below:

Sl. No	Description	EMD Amount	DD No./FDR Date
1.	**Wireless Access Point and Dual Band USB Adapter**	15,000/-	

Technical Compliance
(To be attached with technical bid)

1. Access point with 1200 mbps speed		Compliance
Smart AP	Should support feature of inbuilt AP Controller	
Speed	IEEE 802.11ac concurrent dual-band with 1200Mbps wireless speed.	
Data Speed	300+867 mbps	
Concurrent Clients	100 (up to 50 per Radio)	
	Should support up to a hundred users simultaneously and BYOD	
Roaming	Roaming support (standalone & AP controller mode)	
Power over Ethernet	Should support IEEE 802.3af PoE , Additional Power adaptor port	
Multiple SSIDs	Should support up to 32 SSIDs (16 x 2.4GHz & 16 x 5GHz)	
LAN Interface	Giga x 1	
Management	Web managed AP Array architecture, Should support Hardware AP controller for large deployment	
Wide Coverage & High Sensitivity	Should supports Adjustable RF output power and high receiver sensitivity	
Wireless Mode	AP / WDS AP / WDS Bridge	
Power Saving	802.3az	
Deployment	Standalone/AP Controller	
RADIUS Server	Should support Built-In - upto 256 user account, Should support external radius server	
Auto-Channel	Yes	
Private MIB	Yes	
Mounting Kit	Including Ceiling Mount Bracket	
Environmental Conditions	UL94-5VB Flammability Rating	
Receiver Sensitivity	≤ -95dBm	
Internal Buzzer	Should have internal buzzer to locate AP	
Configuration	HTTP / HTTPS, SNMP v1, v2c, v3, CLI (Telnet, SSH)	
Rougue AP Detection	Should support	
2. Dual band USB adaptor		
Interface	USB 3.0	
OS Support	Windows/Linux/ MAC OS X	
Connectivity	Dual Band 2.4 or 5.0 GHz	
Antenna	Adjustable Foldaway	
Compatibility	2.4GHz: IEEE 802.11b, 802.11g, 802.11n	
	5GHz: IEEE 802.11ac (Draft), 802.11a, 802.11n	
Output Power	•2.4GHz	
	11b (11Mbps): 16dBm±1.5dBm, 11g (54Mbps): 14dBm±1.5dBm, 11n (20MHz, MCS7): 14dBm±1.5dBm, 11n (40MHz, MCS7): 12dBm±1.5dBm	
	•5GHz	
OPERATING RANGE	11a (54Mbps): 12dBm±1.5dBm, 11n (20MHz, MCS7): 10dBm±1.5dBm, 11n (40MHz, MCS7): 10dBm±1.5dBm, 11ac (80MHz, MCS7): 9.5dBm±1.5dBm, 11a: 6/9/12/24/36/48/54Mbps, 11b: 1/2/5.5/11Mbps, 11g: 6/9/12/24/36/48/54Mbps, 11n (20MHz): MCS0-15 (up to 144Mbps), 11n (40MHz): MCS0-15 (up to 300Mbps), 11ac (40MHz): MCS0-9 (up to 400Mbps), 11ac (80MHz): MCS0-9 (up to 867Mbps)	
WPS Button	Hardware	

Terms and Conditions:

1. **Price Basis:** Rate should be quoted F.O.R. destination at IIIT-Allahabad.

2. Quoted rate should be valid at least for 60 days.

3. Turnover of the firm should be 15 lakh for the last two year

4. The quality and specification be adhered to strictly. If not found according to specification, supply will not be accepted.

5. Replacement, Guarantee and Warranty as applicable should be clearly mentioned in quotation.

6. Upon verification/evaluation/assessment, if in case any information furnished by the Bidder is found to be false/incorrect, their bid shall be summarily rejected and no correspondence on the same shall be entertained. It is the responsibility of bidder to verify the authenticity of any third party document being submitted as part of the eligibility requirements. EMD will be forfeited if any forged or false document is submitted.

7. Payment will be made within fifteen days after delivery and verification.

8. May feel free to contact on E-mail **info.purchase@iiita.ac.in, Ph. No. : 0532-2922051.**

9. In view of wide publicity the details are also available on our web site (**www.iiita.ac.in**), may be seen.

10. Kindly quote your Income Tax PAN No./TIN No., Service Tax Registration No. etc. mandatory on the quotation raised by you. If PAN No. not quoted, 20% Tax will be deducted at source.

11. The lowest rate will not be the basis of claim to get the order.

12. All pages of the tender documents are to be signed and stamped by the tendering firm.

13. Supply within 7 days from the receipt of the Purchase order. If, the supply delayed beyond the stipulated time of completion of supply penalty of 1% per weeks of total cost may be imposed at the discretion of competent authority. The penalty may be upto 10% of the total cost.

14. Conditional tenders will not be considered in any case. They will be summarily rejected.

15. All disputes are subject to jurisdiction of Courts at Allahabad.

16. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.

17. It is mandatory to mention enquiry reference number, subject, due date contact address etc on your quotation. Incomplete quotation will not be accepted.

S/d
(Deputy Registrar)

Copy to:
➢ Hon'ble Director for kind information.

Financial Bid
(To be quoted on the company letter head with the below prescribed proforma only)
(Sealed separate envelop)

S. No.	Item Description		Qty.	Unit Rate in Rs.	Total Rs.
01	**a)Access point with 1200 mbps speed**		10		
	Smart AP	Should support feature of inbuilt AP Controller			
	Speed	IEEE 802.11ac concurrent dual-band with 1200Mbps wireless speed.			
	Data Speed	300+867 mbps			
	Concurrent Clients	100 (up to 50 per Radio)			
		Should support up to a hundred users simultaneously and BYOD			
	Roaming	Roaming support (standalone & AP controller mode)			
	Power over Ethernet	Should support IEEE 802.3af PoE , Additional Power adaptor port			
	Multiple SSIDs	Should support up to 32 SSIDs (16 x 2.4GHz & 16 x 5GHz)			
	LAN Interface	Giga x 1			
	Management	Web managed AP Array architecture, Should support Hardware AP controller for large deployment			
	Wide Coverage & High Sensitivity	Should supports Adjustable RF output power and high receiver sensitivity			
	Wireless Mode	AP / WDS AP / WDS Bridge			
	Power Saving	802.3az			
	Deployment	Standalone/AP Controller			
	RADIUS Server	Should support Built-In - upto 256 user account, Should support external radius server			
	Auto-Channel	Yes			
	Private MIB	Yes			
	Mounting Kit	Including Ceiling Mount Bracket			
	Environmental Conditions	UL94-5VB Flammability Rating			
	Receiver Sensitivity	≤ -95dBm			
	Internal Buzzer	Should have internal buzzer to locate AP			
	Configuration	HTTP / HTTPS, SNMP v1, v2c, v3, CLI (Telnet, SSH)			
	Rougue AP Detection	Should support			
02	**b) Dual band USB adaptor**		200		
	Interface	USB 3.0			
	OS Support	Windows/Linux/ MAC OS X			
	Connectivity	Dual Band 2.4 or 5.0 GHz			
	Antenna	Adjustable Foldaway			
	Compatibility	2.4GHz: IEEE 802.11b, 802.11g, 802.11n			
		5GHz: IEEE 802.11ac (Draft), 802.11a, 802.11n			
	Output Power	•2.4GHz			
		11b (11Mbps): 16dBm±1.5dBm, 11g (54Mbps): 14dBm±1.5dBm, 11n (20MHz, MCS7): 14dBm±1.5dBm, 11n (40MHz, MCS7): 12dBm±1.5dBm			
		•5GHz			
	OPERATING RANGE	11a (54Mbps): 12dBm±1.5dBm, 11n (20MHz, MCS7): 10dBm±1.5dBm, 11n (40MHz, MCS7): 10dBm±1.5dBm, 11ac (80MHz, MCS7): 9.5dBm±1.5dBm, 11a: 6/9/12/24/ 36/48/54Mbps, 11b: 1/2/5.5/11Mbps, 11g: 6/9/12/24/36/48/ 54Mbps, 11n (20MHz): MCS0-15 (up to 144Mbps), 11n (40MHz): MCS0-15 (up to 300Mbps), 11ac (40MHz): MCS0-9 (up to 400Mbps), 11ac (80MHz): MCS0-9 (up to 867Mbps)			
	WPS Button	Hardware			
	Total -				
	Taxes (if any)-				
	Grand Total -				

Note: Financial Bid must be given in this format only.

Signature of the tenderer with seal