No. AUD/17-5/2013-14/WiFi Routers/   Date: 03.03.2014

To,

Sub.: Notice Inviting Tender/Quotation for Supply & Installation of WiFi Routers.

Sealed quotations are invited from OEM/Authorized supplier/distributors/Channel Partners for supply and installation of Wireless Routers with minimum 3 years of guaranty/ warranty. The quotation is required to be submitted in a sealed cover to the Registrar, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 110 006 duly superscribing **"Tender/ Quotation for Purchase of WiFi Router"** on top of the cover.

S. N.	Activity	Date & Time	Venue
1	Last Date & Time of Tender Document Submission	23.03.2014 at 12.00 P.M	Office of the Registrar
2	Opening of Technical Bids	23.03.2014 at 04.00 P.M	Office of the AR(Admin)
3	Opening of Financial Bids	Will be notified to the technically shortlisted bidders	

The quotation should reach the Office of the Registrar, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 6 on or before 12.00 pm on 23.03.2014. Tenderers should read the tender document carefully as enclosed and comply strictly while sending their tenders.

Assistant Registrar (Admin)

Copy forwarded to:-
1-   Office of the Director (IT Services)
2-   Office of the Controller of Finance/Registrar

TERMS & CONDITIONS

1. Sealed Tenders (**Technical and Financial bids separately**) should be clearly superscribed as "**Technical Bid of WiFi Router**" and "**Financial Bid of WiFi Router**".

2. Late receipt of bids (i.e. after due date and time) will not be considered. Authorized representatives of the tenderers may participate in the tender opening committee meeting, in case they wish to do so.

3. Rates must be quoted in figures & words in INR with all levies and taxes i.e. Sales Tax, VAT, Service Tax, etc as per schedule given in the financial bid. Rates must be quoted for all the items.

4. Each page of the technical bid/ financial bid is to be signed by the tenderers and duly stamped.

5. **Special discount/rebate admissible to Educational Institution/University may be specifically indicated in the quotation.**

6. The above specification is indicative. University (AUD) may augment it with their specific requirements and equivalent / higher configuration may also be procured.

7. The bid would be valid for 90 days from the date of opening of the tender. In the case of successful tenderer, rates quoted shall be valid till the supplies are completed unless there is downward revision, in such case the benefit shall be suo moto transferred to this University.

8. The bidder should have a support centre operating in Delhi/NCR Delhi and complete details including telephone number for the same must be provided.

9. Technical details, literature, catalogue etc. must be attached along with the quotation.

10. All the materials make and model should be from reputed brand and must comply with all the detailed Technical Specifications mentioned in the Technical Bid.

11. The financial bid of those bidders will be opened who qualify in the technical bid. The date and time for financial bid opening will be intimated to the successful bidders subsequently.

12. **Performance Security Deposit**: The successful bidder shall be required to deposit a sum equivalent to 10% (Ten per cent) of the total cost of the supply before commencement of supply in the form of Bank Guarantee/demand draft drawn in favour of Registrar, Ambedkar University, Delhi payable at New Delhi. No interest shall accrue on this amount. The validity of the Performance Security Deposit shall continue for a period of three months even after termination of the contract.

13. In case the successful bidder fails to deliver the items within the stipulated period, a sum equal to 0.5% of the contract value of the indented items shall be deducted per week till the actual delivery, subject to maximum of 10% of the value of the supply order.

14. The payment will be released only after successful completion of entire installation. No advance payment will be released. The delivery will be made as per the supply order and deviation, if any, may attract penalty as per rule. In addition to that, the EMD & Performance Security Deposit shall also be forfeited.

15. Bidder should be OEM/Authorized supplier/distributor/Channel Partner and a Letter of

Authorization from OEM should be attached.

16. The vendor/supplier should be a registered firm with Trade & Taxes / Sales Tax /Service Tax Department etc. should possess PAN, TIN (VAT)/Sales tax and service tax as applicable, copies of which may be enclosed.

17. The bidders should provide details of 02 supply /installations that have been carried in to the last three years, with details of the Organization, Concerned Person and Contact Number, preferably a Government order.

18. Installation and satisfactory operation of the Items will be the responsibility of the supplier.

19. On-site installation to be provided for the first time, In case of subsequent troubleshoot, which is un-resolvable over phone, the vendor should provide on-site support at free of cost.

20. The Item should be available and installed on network within Ambedkar University, Delhi Campus, Kashmere Gate Delhi-6.

21. The warranty/guarantee period shall commence from the date of satisfactory installation of items at the project site of Bharat Ratna, Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 110 006.

22. All disputes arising out of this contract shall be referred to the sole arbitration of the Vice Chancellor, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi-110006 ; The venue of arbitration shall be NEW DELHI (INDIA).

23. AUD reserves the right to reject any or all tender(s) without assigning any reason. The decision of AUD in this regard shall be final. No enquiries in this regard shall be entertained. Correspondence during tendering process may invite disqualification.

TECHNICAL BIDS

The technical bid shall contain following information in a sealed cover super scribed "Technical Bid" only which shall also contain the EMD.

Technical Specifications of Wireless Access Point/Router 802.11a/b/g/n

Features	Specification	Compliance (Yes/No)
Make Offered	Mention Make →	
Model Offered	Mention Model →	
Standards	IEEE 802.11n, 802.11g, 802.11b, 802.3af, 802.3u, 802.1X (security authentication), 802.1Q (VLAN), 802.1D (Spanning Tree), 802.11i (WPA2 security), 802.11e (wireless QoS), IPv4 (RFC 791), IPv6 (RFC 2460)/LAN Fast Ethernet auto sensing, DC jack/Power button (on/off)/Power (on/off) push button, Reset button/Category 5e or better/Internal antennas optimized for wall, ceiling, or desktop placement/Power, WLAN, LAN/Linux	
Physical Interfaces	10BASE-T/100BASE-TX Ethernet, 12V DC power with support for 802.3af PoE/ External 12V 0.5A DC power jack (Energy Star 2.0 compliant with Efficiency Level 5) and 802.3af PoE/ Power (on/off) push button; Reset button/ Slot for Kensington lock/ Power, Wireless, Ethernet	
Physical Specifications	4.89 x 4.89 1.38 in. (124.17 x 124.17 x 35 mm)/ 0.37 lb or 168 g/	
PoE	802.3af/6W	
Network Capabilities	With VLAN support/1 management VLAN plus 4 VLANs for Service Set ID (SSID) & /at least 4 Multiple SSIDs/802.1X supplicant/ SSID to VLAN mapping/ Auto channel selection/ Spanning tree/ Load balancing/802.1Q-based VLANS, 4 active VLANS plus 1 management VLAN IPv6 host support/IPv6 RADIUS, syslog, Network Time Protocol (NTP), etc.	
Security	WPA/WPA2/WEP including Enterprise authentication/ management access control list (ACL) plus MAC ACL/ Wi-Fi Protected Setup (WPS)/ HTTPS-Secure management/ SSID broadcast/ Rogue access point detection	
Mounting and Physical Security	Desktop installation; mounting bracket included for easy ceiling or wall mounting/ Kensington lock slot	
Quality of Service	Wi-Fi Multimedia & Traffic Specification (WMM TSPEC)	
Performance	Up to 300 Mbps data rate (real-world throughput will vary)/ Up to 16 connected users, or 10 active users.	
Configuration	Built-in web user interface for easy browser-based configuration (HTTP/HTTPS)	
Multi-Access	Single Point Setup/at least 4 access points per cluster with 40 active clients	

Point Management	per cluster Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour with remote management/ Logging and packet capture/ Firmware upgradable through web browser, imported/exported configuration file/ DHCP client/ IPv6 host	
Wireless	Single-band 2.4 GHz/ Single radio, orthogonal frequency division multiplexing (OFDM)/ WLAN -802.11n/ Wireless isolation between clients/ Internal fixed PIFA antennas/2 dBi each antenna/WDS/WMM/	
Operating Modes	Access Point mode, WDS bridging, Workgroup Bridge mode	
Minimum Requirements	802.11b, 802.11g, 802.11n wireless adapter with TCP/IP protocol installed per PC • Switch/router with PoE support or PoE injector when used with PoE • Web-based configuration: Java-enabled web browser	
Warranty	3 Years	

1. OEM/Authorized supplier/distributors/channel partners are requested to enclose the letter/certificate of their manufacturer appointing them as authorized for marketing their product.

2. Name, address, setup and status of the organization, authorized contact person with telephone number should also be mentioned.

3. **Earnest Money Deposit (EMD) of Rs. 4,000/-** (Rupees Four thousand only) in the form of crossed demand draft/pay order drawn in favour of Registrar, Ambedkar University, Delhi shall be enclosed with the technical bid of the tender document. The EMD of unsuccessful tenderer will be returned after completion of the tender process on request. Technical bid received without EMD shall summarily be rejected.

4. TIN /CST/VAT Number must be clearly mentioned in the bid document. Copies of the same should also be enclosed.

I/We have read and understood the terms and conditions of the tender and hereby unequivocally accept the same.

(Authorized Signature)
Name of the Authorized person: _____
Name of the Company: _____
Address of the company:_____
Contact No. : _____
Email Id:_____
Seal of the company:

FINANCIAL BIDS

The financial bid should be enclosed in a separate sealed cover super scribed "Financial Bid". No escalation of prices would be permitted on any ground. The price may be quoted with analysis. Firms must clearly indicate in their offers the different taxes and duties which they propose to charge extra mentioning clearly the present rate(s) thereof. Vague offers like "duties as applicable" shall not be considered.

Wireless Access Point/Router 802.11a/b/g/n	Make/ Model	Warranty /Guarantee	Qty Req. (a)	Rate Per qty. (In Rs.) (b)	Amt. X=(a)x(b) (In Rs.) (c)	Taxes (In Rs.) (d)	Total (c+d) (In Rs.)
Standards IEEE 802.11n, 802.11g, 802.11b, 802.3af, 802.3u, 802.1X (security authentication), 802.1Q (VLAN), 802.1D (Spanning Tree), 802.11i (WPA2 security), 802.11e (wireless QoS), IPv4 (RFC 791), IPv6 (RFC 2460)/LAN Fast Ethernet auto sensing, DC jack/Power button (on/off)/Power (on/off) push button, Reset button/Category 5e or better/Internal antennas optimized for wall, ceiling, or desktop placement/Power, WLAN, LAN/Linux **Physical Interfaces** 10BASE-T/100BASE-TX Ethernet, 12V DC power with support for 802.3af PoE/ External 12V 0.5A DC power jack (Energy Star 2.0 compliant with Efficiency Level 5) and 802.3af PoE/ Power (on/off) push button; Reset button/ Slot for Kensington lock/ Power, Wireless, Ethernet **Physical Specifications** 4.89 x 4.89 1.38 in. (124.17 x 124.17 x 35 mm)/ 0.37 lb or 168 g/ **PoE** 802.3af/6W **Network Capabilities** With VLAN support/1 management VLAN plus 4 VLANs for Service Set ID (SSID) & /at least 4 Multiple SSIDs/802.1X supplicant/ SSID to VLAN mapping/ Auto channel selection/ Spanning tree/ Load balancing/802.1Q-based VLANS, 4 active VLANS plus 1 management VLAN IPv6 host support/IPv6 RADIUS, syslog, Network Time Protocol (NTP), etc. **Security** WPA/WPA2/WEP including Enterprise authentication/ management access control list (ACL) plus MAC ACL/ Wi-Fi Protected Setup (WPS)/ HTTPS- Secure management/ SSID broadcast/ Rogue access point detection **Mounting and Physical Security** Desktop installation; mounting bracket							

included for easy ceiling or wall mounting/ Kensington lock slot **Quality of Service** Wi-Fi Multimedia & Traffic Specification (WMM TSPEC) **Performance** Up to 300 Mbps data rate (real-world throughput will vary)/ Up to 16 connected users, or 10 active users. **Configuration** Built-in web user interface for easy browser-based configuration (HTTP/HTTPS) **Multi-Access Point Management** Single Point Setup/at least 4 access points per cluster with 40 active clients per cluster Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour with remote management/ Logging and packet capture/ Firmware upgradable through web browser, imported/exported configuration file/ DHCP client/ IPv6 host **Wireless** Single-band 2.4 GHz/ Single radio, orthogonal frequency division multiplexing (OFDM)/ WLAN -802.11n/ Wireless isolation between clients/ Internal fixed PIFA antennas/2 dBi each antenna/WDS/WMM/ **Operating Modes** Access Point mode, WDS bridging, Workgroup Bridge mode **Minimum Requirements** 802.11b, 802.11g, 802.11n wireless adapter with TCP/IP protocol installed per PC • Switch/router with PoE support or PoE injector when used with PoE • Web-based configuration: Java-enabled web browser								
Grand Total (including all taxes)								

Grand Total (Inclusive of All taxes) in Words (Rs.):……………………….

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(Authorized Signature)

Name of the Authorized person: _____

Name of the Company: _____

Address of the company:_____

Contact No. : _____

Email Id:_____

Seal of the company:

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