

GOVERNMENT OF INDIA

OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL and MEDIUM ENTERPRISES)

TENDER

FOR

INSTALLATION OF WI-FI NETWORK CONNECTIVITY

FOR

THE O/o, DC (MSME), MINISTRY OF MSME,

GOVERNMENT OF INDIA

Tender No. 71(28)/Wi-Fi Connectivity/IT/2007

March 19, 2008

SMALL ENTERPRISE NETWORK

(SENET)

Office of the Development Commissioner

(Micro, Small and Medium Enterprises)

Government of India

7th floor, 'A' wing, Nirman Bhawan,

Maulana Azad Road, New Delhi -110 108.Tel: 23062680

Last date for submitting the tender:	10-04-2008,15.30 hrs
Date of opening the technical bid:	10-04-2008,16.30 hrs
Cost of tender documents:	Rs.500/-
EMD Amount:	Rs.50, 000/-

GOVERNMENT OF INDIA

OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
NIRMAN BHAWAN, 7th FLOOR, "A" WING, MAULANA AZAD ROAD
NEW DELHI –100108

NOTICE INVITING TENDER

The Office of the Development Commissioner (Micro, Small & Medium Enterprises), Government of India, invites sealed quotations, in two separately sealed bids, one technical and second commercial, for supply, installation, commissioning of Wi-Fi connectivity and maintenance of the system, in office of DC (MSME). **The AMC period after installation of Wi-Fi network, shall be for three years.**

TERMS AND CONDITIONS:

A. General.

1. On behalf of President of India, Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, invites sealed bids under Two Bid System (Technical and Commercial Bid) from manufacturers, system integrators or approved distributors for installation of **Wi-Fi connectivity** and maintenance of the system. Bidders who have successfully carried out the similar work like networking, computer hardware etc in a single order for any Govt/PSU or any prestigious organization/department during last one/two years are eligible.

2. Tender Document can be downloaded from the website (www.dcmsme.gov.in)

3. Details of Bid: -

- a) Bid Reference Tender No: 71(28)/Wi-Fi Connectivity/IT/2007
- b) Last date and time of receipt of bid **10-04-2008, 15:30 hrs**
- c) Place of receiving the bid **SENET Division, Room No. 737B**
O/o Development Commissioner (MSME), Govt of India, 7th Floor, A-wing, Nirman Bhawan, Maulana Azad Road, New Delhi-110108.
- d) Address for purchaser: O/o Development Commissioner (MSME), Govt of India, Ministry of MSME, 7th Floor, A-wing, Nirman Bhawan, Maulana Azad Road, New Delhi –110108.
- e) Cost of tender documents is Rs. 500/-which may be deposited as cash in accounts division of O/o DC (MSME) or a draft of same amount may be prepared in favour of **PAO (MSME)** payable at **New Delhi** and further may be attached with the tender documents (for applying by downloading tender document from website)
- f) The Bid Security may be forfeited:
 - I. If a Bidder withdraws his bid during the period of bid validity specified by the bidder.
 - II. In case of a successful bidder, if the bidder fails to sign the Contract or to furnish performance security.

4. Bidding Procedure:

- a) Bids are invited in two Bid systems, (1) Technical and (2) Commercial. Which shall be sealed separately and enclosed in a single sealed envelope.
- b) Sealed Bids shall be received on or before **15:30 hrs on 10th April 2008**. No Bids will be accepted after this date & time under any circumstances. This office will not be responsible for any postal/courier delay and also for reasons beyond the control of this office.
- c) Technical Bids must contain the EMD draft for specified amount, along with complete technical details as desired by this tender. First Technical Bids of all bidders will be opened on at same venue at **16:30 Hrs 10th April 2008**. Technical Bids without EMD will be summararily rejected. Requirement of EMD is exempted from those bidders like State/Central PSUs; Government of India Societies (established under relevant Act) and those registered with NSIC, DGS&D, etc.for the particular activity.
- d) Commercial Bid of only successful bidders of Technical Bids will be opened on the pre scheduled date, time & venue.
- e) All the bids must be accompanied by a bid security of the amount of Rs **50,000/- (Rupees fifty Thousand)** in a form of a Bank Guarantee/ bank draft issued by any commercial Bank in favor of PAO (MSME), payable at New Delhi.
- f) All bids must be delivered to the office of SENET Division, Room No. 737B, office of the DC (MSME), Nirman Bhawan New Delhi-110108.
- g) All relevant rules and regulation of Government of India will be final and applicable & binding on all bidders.
- h) Bidders are advised to submit their bid price of each product separately.
- I) A specific Performa for submission of commercial bid is enclosed with tender documents for reference. However the total cost of products and services would be the criteria for deciding L1.
- J) Department will not pay any charge towards the replacement of wire/ cables etc. during the contract period.
- K) **At any stage of time, before placing the order, if it is found that IB / MHA Government of India, guidelines doesn't permit the installation of Wi-Fi connectivity then the contact will be discontinued.**
- L) **The product must be having three years Replacement guarantee/warranty and purchaser will not pay any additional charges towards spare parts etc during the next three years.**

5. Qualification Criteria:

- a) The bidder should be a system integrator managing and providing support for network equipment including Hardware, Software and peripherals of existing IT hardware at least in one organization of similar nature having strength of 100 nodes.
- b) The bidders who are registered/approved by any Government department/organization will give preference.
- c) The firm shall have to provide services required at Delhi. A detail of technical team setup available at Delhi, certificate may be enclosed.
- d) The firm may enclose sufficient documents regarding execution of Government work order, specifically maintenance of Network/computer hardware etc.
- e) All bidders must enclose VAT registration and service tax registration certificate along with the tender documents.
- f) The firm should have an experience to execute the network similar work of costing of Rs. 15.00 Lakh in year in Government/PSU or any org/dept.
- g) The bidders must have a minimum annual turnover of Rs 2.00 crore.
- h) The bid may be rejected on not meeting any one criteria mentioned above.
- i) The bidder should be approved distributor of original manufacturer of at least one brand.
- j)

6. Period of validity of bid:

The bid shall remain valid for 60 days after the date of bid opening. If any bidder withdraws his tender before the said period shall -without prejudice to any other right or remedy, be at liberty to forfeit the Bid Security absolutely.

7. Submission of Bids:

- a) The first envelope shall be super scribed with the name of work and the words "Technical Bid" in capital letters. The first envelope shall be opened on the date of opening of tender. The bidder should specifically provide full technical details of the service offered and also shall provide full details of deviation they intend to make from the technical specifications and contract terms detailed in the Bid. No price details shall be given in this envelope. Violation to this would result invalidation of tender. **The Bid Security shall be enclosed with the envelope marked "Technical Bid".**
- b) The second envelope shall be super scribed with the name of work and the words "Price Bid (Commercial Bid)" in capital letters. It shall contain full details of the price & commercial conditions for all the items detailed at **page no.10**. Any deviation from our standard conditions shall be specifically spelt out.
- c) **Any deviation of any sort e.g. Technical or Commercial terms and conditions shall be specifically indicated in the Technical Bid itself.**
- d) Silence or use of the word "Noted" against any of the Bid conditions shall mean bidder agrees to comply with that/those conditions of Bid,
- e) The firms who have submitted the bids and whose offers are found technically suitable shall be informed of the opening date of the second envelop i.e. Price Bid (Commercial Bid)"

- f) All offers shall be made available in hard and soft copies as specified in the technical specifications and **should be signed by the authorized signatory of the firm on all the pages of the hard copy.**
 - g) All prices and other information in this regard having a bearing on the price shall be written both in figures and words in the prescribed offer form,
 - h) The bid must be submitted in the prescribed bid form given at page no-11-12 of this document. All columns of the bid form should be complete in all respect. **The words like agree or yes should not be used.** Any additional information should be enclosed separately and referred to in the relevant column of the bid form. All relevant product literature must be enclosed with the bid
 - i) Late bids will be rejected.
 - j) No bid may be modified subsequent to the deadline for submission.
 - k) Bidders shall furnish clause-by-clause commentary on all clauses of Bid Document including Technical Specifications,
- l). Vendor should quote for complete installation as turnkey basis.**

8. Opening of Bids:

- a) The purchaser/DC (MSME) will open the Technical bids after scheduling time, date and venue in the presence of the bidders' representatives who choose to attend,
- b) The bidders' representatives who will be present shall sign in the designated register evidencing their attendance, In the event of the specific bid opening being declared a holiday for the purchaser, the bid shall be opened at the same time and location on the next working day.
- c) The bidders' names, bid withdrawals, presence of bid security and such other details as the Purchaser at its discretion may consider appropriate will be announced at the bid opening.
- d) The firms who have submitted the bids and whose offers are found technically suitable shall be informed of the opening date of the second envelop i.e. "Price Bid (Commercial Bid)"

9. Clarification of Bids:

To assist the examination, evaluation and comparison of bids the Purchaser with the help of consultant may at its discretion, ask the bidder for clarification of its bid. The request for clarification and the response shall be in writing and no change in price or substance of the bid shall be sought, offered or permitted,

10. Evaluation of Bids:

- a) The Purchaser will examine the bids to determine whether:
 - I. They are complete
 - II. Required EMDs etc have been furnished,
 - III. The documents have been properly signed; and
- b) Evaluation of bids shall be done based on the information furnished by the bidder. The conformity of the bids to the technical specifications and commercial terms and conditions shall be examined. Responsiveness of the bid shall be determined based on the technical and financial capability of the bidder to execute the contract.
- c) The Purchaser will examine the bids to determine

I. The correctness of the information furnished by the bidder in its bid. In case any information is found to be incorrect/false, the bid shall be considered as non-responsive.

II. The substantial responsiveness of each bid to the bidding. For purposes of these clauses, a substantially responsive bid is one, which conforms to all technical specifications and terms and conditions of the bidding documents without material or commercial deviations. The purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

III. Arithmetic errors will be rectified on the following basis:

If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price with quantity, the unit price shall prevail and the total price shall be corrected unless it is a lower figure. If the Supplier does not accept the correction of errors, its bid will be rejected. If there is a discrepancy between words and figures, the amount whichever is lower will prevail,

- d) Purchaser may contact and verify bidder's information, references and data submitted in the bid without further reference to bidders.
- e) Purchaser reserves the right to use and interpret the bids as it may, in its discretion, consider appropriate, when selecting bidders for granting of the letter of intent/ Notification of Award of contract,
- f) Purchaser may waive off any minor infirmity or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such a waiving, does not prejudice or affect the relative ranking of any bidder.
- g) The purchaser may seek clarification in writing from bidder by fax. Bidder shall be promptly reply by fax within the time limit specified in the clarification letter from the purchaser,
- h) The comparison shall be of total price of the goods offered inclusive of all taxes.

11. Purchaser's right to accept or reject any or all bids:

- a) The Purchaser reserves the right to accept or reject any bids and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.
- b) The acceptance offender, will rest with DC (MSME) who does not bind himself to accept the lowest bid and reserves himself the right to reject any or all the tenders receive without the assignment of any reason? All the bids in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.
- c) **The DC (MSME) does not bind himself to accept the lowest or any tender and reserve to himself the right of accepting the whole or any part of tender and bidder shall be bound to perform the same at the rate quoted.**
- d) Canvassing in connection with tenders is illegal & strictly prohibited and the tenders submitted by the bidders, who resort to canvassing, will be rejected.

12. Prices:

Price charged by the bidder for any goods and services under the Contract shall not vary from the prices quoted by the Supplier in its bid,

13. Termination by default:

a) The Purchaser may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to Supplier, terminate the Contract in whole or part:

I. If the Supplier fails to provide services/rectify the fault within the time period specified in the Contract or any extension thereof granted by the Purchaser,

II. If the Supplier fails to perform any other obligation(s) under the Contract.

b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to Para 13 a, the Purchaser may procure, upon such terms and in such manner, as it deem appropriate, goods similar to those undelivered for any excess costs for such similar goods. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

14. Resolution of Disputes

a) The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

b) If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the Special Conditions of Contract. These mechanisms may include, but are not limited to, conciliation mediated by a third party, adjudication in an agreed national forum. The mechanism shall be specified in the Special Condition of Contract.

15. Applicable Law:

The Contract shall be interpreted in accordance with the laws of the Union of India & will be under the jurisdiction of court in Delhi.

16. Notices:

a) Any notices given by one party to the other pursuant to the Contract shall be sent in writing or by fax / telex / cable and confirmed in writing to the address specified for that purpose in the Special Conditions of Contract.

b) A notice shall be effective when delivered or on the notice's effective date, whichever is later.

17. Taxes and Duties:

Supplier shall be entirely responsible for all taxes, duties, license fees, etc, incurred until delivery of the Contracted Goods & services to the Purchaser. No tax or duty will be payable by the purchaser.

18. General:

The following Special Conditions of Contract shall supplement the General Conditions of Contract, whenever there is conflict provisions herein shall prevail over those in the General Conditions of Contract.

19. Payment

- (A) The 80% payment to the Contractor under the Contract for products cost will be released after successful installation and submission of bank guarantee of 10% of the bidding amount. The bank guarantee should remain valid for a period of three years.
- (B) Remaining 20% will be released after successfully completion of six months running.
- (C) The charges towards the services of resident engineer and AMC FOR THREE YEARS shall be paid on quarterly basis as per Government of India rules.

20. Notices

For the purposes of all notices, the following shall be the address of the Purchaser and Supplier:

Purchaser: Development Commissioner (MSME)

Ministry of MSME, Govt of India 7th floor,

A-wing, Nirman Bhawan, New Delhi-110108

Supplier: (To be filled at the time of Contract Signature)

B. TECHNICAL CRITERIA:

1. Scope of Work

This office is having a network of 207 computers connected through servers (SUN, WIPRO etc) and having a leased line of 100 mbps through NIC network. Total numbers of rooms are **around fourty** and all users are having Internet connectivity through wires.

Now this office is planning to switchover to Wi-Fi enabled network with the above infrastructure including annual maintenance for three years. This office is having RISC server, Intel Server class machines, Intel desktops, AMD Desktops Peripherals. Network active- passive devices, LAN, Software packages, UPS and all associated activities linked with the network work. The following shall also be covered under the scope of this work:

- a) Installation of Wi-Fi connectivity in entire office of DC (MSME) including configuration with existing network.
- b) Maintenance & service of above set up for three years including the cost of replacement of any unit/parts during the maintenance period.
- c) Maintenance & service of Networking active-passive devices as per distribution of clients at 7th Floor, Nirman Bhawan, New Delhi -110 108.
- d) Consultancy on Customization of system as and when required.
- e) Integration of the complete system
- f) Testing of the complete system as and when required.
- j) At least one resident engineer will be deployed onsite to resolve the hardware/software and all other problems of users related to Wi-Fi network between 9:00 AM to 5:30 PM on all working days.
- k) Successful bidder should implement and use the web-enabled online call logging
- l) The Wi-Fi resident engineer will coordinate with facility management team through Online Call Logging & Management System.
- m) Layout plan of the office, number of rooms, length & breadth details may be collected from Office of DC (MSME).
- n) This office is having following network security mechanism
 - i) IDS (Intrusion detection system)
 - ii) PIX firewall

2. Downtime will not be considered under the following conditions:

- a) Failure by MSME to take any specified action previously agreed with Successful Bidder.
- b) Where MSME has modified the software or hardware without prior consent of Successful Bidder.
- c) Time taken for prescheduled Preventive Maintenance and health Check at a time convenient to Successful Bidder during the agreed Service Hours.
- d) Repair time due to machine failure caused by operational error.
- d) Repair time due to machine failure caused by confirmed environmental Conditions.
- f) Repair time due to machine failure caused by usage of non-standard consumables.
- g) Standby machine is provided.

3. **The following Services are not included in the Maintenance Service:**

- a) Repair of Machine damage, replacement of maintenance parts by Successful Bidder due to inadequate space, electrical power, and air conditioning and humidity control.
- b) Neglect or misuse, including use of the machines for purposes other than, for which they are designed.
- c) Accident or disaster, including water, wind and lightning, transportation, vandalism or burglary of machines designed to contain funds.
- d) Alterations, including any deviation from original Machine design unless authorized by Successful Bidder.
- e) Conversion from one model to another or the installation or removal of a feature whenever a party other than Successful Bidder performs any of these activities.
- f) Damage caused by rodents or natural disaster.
- g) Data loss or other consequent due to virus infections caused by the user.

4. **General description of network:**

Within the office of DC (MSME), at Nirman Bhawan, a LAN with multi-media backbone using a mix of Fiber and Fast Ethernet connecting the listed servers is to be maintained. The Client connectivity is required on Fast Ethernet over UTP. The Computer center is on 7th floor of the building and client distances are within the range of distribution switches suitably placed on the floors. Bidder is expected to make visits to these Locations at Nirman Bhawan and placement of nodes; Visit shall be done under confirmation to office of the DC, Micro, Small & Medium Enterprises. Nirman Bhawan, New Delhi-110 108.

5. **Service warranty**

The bidder should cover services provided including the quality of workmanship under warranty.

Technical Specification (Hardware)

The minimum product and services required for installation of Wi-Fi connectivity in entire office of DC (MSME) is as below: -

S.N	Description	Qty (Estimated)	Remarks
	PRODUCTS		
1	<p>Wireless access point 108 mbps or more connection speed, Minimum. Compatible with windows, 2000, Xp and window VISTA.Temp-0-48^oc, IEEE 802; 11 G and IEEE802: 11 B, [Remote configuration and management through Web browser, SNMP or Telnet with command line interface (CLI), SNMP management supports SNMP MIB I, Bridging and repeater mode, Simultaneous wireless bridge and access point mode, Adjustable transmit power control 100 mW down to 0 mW, Wi-Fi Multimedia (WMM™) to optimize audio, video, and voice applications, MIB II, and 802.11 MIB, Wi-Fi Protected Access 2 (WPA2) and 802.11i-ready, Block SSID Broadcast, VPN pass-through support, MAC address filtering with access control lists – up to 256 users, 802.1x RADIUS support with EAP TLS, TTLS, PEAP, Secure SSH Telnet, Secure Socket Layer (SSL), remote management login, Wireless isolation enables peer-to-peer blocking so users may not access another user's PC, IEEE 802.11g (2.4 GHz Frequency Band, DSSS Modulation Type) , IEEE 802.3af Power over Ethernet (PoE), FCC Part 15 Subpart B and Subpart C, CE EN60950, EN 300328-2 v1.1.1 (2000-07), EMC EN301489-1 v1.2.1 (2000-08), and EN301489-17 v1.1.1 (2000-09), EN55022(B), CISPR22(B), AS/NZS 3548(B)] Access point should support Intrusion prevention to ensure that a neighboring business or malicious user cannot hack into the wireless network. Minimum 03 (three) years warranty.</p>	34	
2	Un managed POE SWITCH (24 PORT), Minimum 03 (three) year's warranty.	03	
3	Wireless Adapter Card, 108 Mbps, 2.4GHz radio band	200	
4	CAT5 Cable Box (305 MTR)	10	
5	RJ45 Connector (100nos)	01	
6	UPS (Off line) 1 KVA, Minimum 1 Hrs backup	03	
7	4U Rack	03	
8	Steel cage for security and safety of Access points with lock facility	Min. 34	
	SERVICES		
1.	Configuration and Installation of wireless access point.		
2.	Wireless Adapter Card installation and configuration.		
3.	LAN, RACK, POE Switches & accesses points Installation, charge (including accessories)		
4.	Streamlining of existing wire network.		
5.	3 years on site maintenance and support---Managed by resident engineer on all working days	One resident engineer.	

Note: -

1. The quantities mentioned above are only estimation not actual.
2. All bidders are requested to make a site survey before quoting and submit the complete tender.
3. Fax/Telex and incomplete offers will be rejected. The O/o DC (MSME) Ministry of Micro, Small & Medium, Government of India has right to accept or reject any or all bids received at their absolute discretion without assigning any reasons what so ever.
4. A meeting for participating bidders will be held on dated **03-04-2008,11.00 AM to 13.00 PM**, for showing actual requirement of the office like space to be covered, availability of infrastructure etc.
5. The deputed engineer should have an experience of at least two years in Networking and should have the technical qualification in the relevant filled with MCSE/ CCNA etc.
6. Area to be covered under Wi-Fi shall be 25x150 meter(approx) and make sure that the signal should not propagate beyond the coverage range (by adjusting the location of access point etc).

REFERENCE PROFORMA FOR SUBMISSION OF TECHNICAL BID

S.N	Purchaser specification	Supplier specification	Deviation if any
1.	<p>Wireless access point 108 mbps or more connection speed. Compatible with windows, 2000, Xp and window VISTA. Temp-0-48^oc, IEEE 802; 11 G and IEEE802: 11 B, [Remote configuration and management through Web browser, SNMP or Telnet with command line interface (CLI), SNMP management supports SNMP MIB I, Bridging and repeater mode, Simultaneous wireless bridge and access point mode, Adjustable transmit power control 100 mW down to 0 mW, Wi-Fi Multimedia (WMM™) to optimize audio, video, and voice applications, MIB II, and 802.11 MIB, Wi-Fi Protected Access 2 (WPA2) and 802.11i-ready, Block SSID Broadcast, VPN pass-through support, MAC address filtering with access control lists – up to 256 users, 802.1x RADIUS support with EAP TLS, TTLS, PEAP, Secure SSH Telnet, Secure Socket Layer (SSL), remote management login, Wireless isolation enables peer-to-peer blocking so users may not access another user's PC, IEEE 802.11g (2.4 GHz Frequency Band, DSSS Modulation Type) , IEEE 802.3af Power over Ethernet (PoE), FCC Part 15 Subpart B and Subpart C, CE EN60950, EN 300328-2 v1.1.1 (2000-07), EMC EN301489-1 v1.2.1 (2000-08), and EN301489-17 v1.1.1 (2000-09), EN55022(B), CISPR22(B), AS/NZS 3548(B)] Access point should support Intrusion prevention to ensure that a neighboring business or malicious user cannot hack into the wireless network. Minimum 03 (three) years warranty.</p>		
2	Un managed PoE SWITCH (24 PORT), Minimum 03 (three) year's warranty.		
3	Wireless Adapter Card, 108 Mbps, 2.4GHz radio band		
4	CAT5 Cable Box (305 MTR)		
5	RJ45 Connector (100nos)		
6	UPS (Off line) 1 KVA, Minimum 1 Hrs backup		
7.	4U Rack		
8.	Steel cage for security and safety of access points with lock facility		
9.	Configuration and Installation of wireless access point		
10.	Wireless Adapter Card installation and configuration		
11.	LAN, RACK, POE Switches Installation, charge (including accessories)		
12.	Streamlining of existing wire network.		
13.	3 years on site maintenance and support---Managed by resident engineer on all working days		

Eligibility criteria:

1.	The bidder should be a system integrator managing and providing support for network equipment including Hardware, Software and peripherals of existing IT hardware at least in one organization of similar nature having strength of 100 nodes.		
2.	The bidders, who are registered/approved by any competent Government department/organization/PSU, will give preference.		
3.	The firm shall have to provide services required at Delhi. A detail qualification of technical team setup available at Delhi, certificate may be enclosed.		
4.	The firm may enclose sufficient documents regarding execution of Government work order, specifically maintenance of Network/computer hardware etc.		
5.	All bidders must enclose VAT registration, Income tax clearance and service tax registration certificate along with the tender documents.		
6.	The firm should have an experience to execute the similar network, work costing of Rs 15.00 Lakh in year in Government/PSU or any org/dept.		
7.	The bidders must have a minimum annual turnover of Rs 2.00 crore.		
8.	Details of tender fee deposited		
9.	The details of EMD amount		
10.	The bidder must be approved distributor of original manufacturer of ay least one brand.		

Note: - The bid may be rejected failing on not meeting any one of the criteria mentioned above

REFERENCE PROFORMA FOR SUBMISSION OF COMMERCIAL BID

S.N	Purchaser Requirement	Supplier Cost	Remarks
1.	Wireless access point		
2	Un managed PoE SWITCH (24 PORT)		
3	Wireless Adapter Card, 108 Mbps, 2.4GHz radio band		
4	CAT5 Cable Box (305 MTR)		
5	RJ45 Connector (100nos)		
6	UPS (Off line) 1 KVA, Minimum 1 Hrs backup		
7.	4U Rack		
8.	Steel cage for security and safety of access points with lock facility		
9.	Configuration and Installation of wireless access point		
10.	Wireless Adapter Card installation and configuration		
11.	LAN, RACK, POE Switches, Access point Installation charge (including accessories)		
12.	Streamlining of existing wire network racks.		
13.	3 years on site maintenance and support--- Managed by resident engineer on all working days, including AMC charges if any.		
14	Taxes / duties etc. (As applicable as on date)		
TOTAL COST (inclusive all taxes) Rs.			