



MAHARAJA AGRASEN COLLEGE

University of Delhi
VASUNDHARA ENCLAVE, DELHI-110096
E-mail- info@mac.du.ac.in

TENDER NO. MAC/WIFI/07

Dated: 18.05.2021

NOTICE INVITING E-TENDER

E-TENDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF WIFI SETUP AT MAHARAJA AGRASEN COLLEGE, VASUNDHARA ENCLAVE, DELHI-110096

Maharaja Agrasen College invites online bids (under Two Bids System) for Supply, Installation, Testing and Commissioning of WIFI setup at Maharaja Agrasen College, Vasundhara Enclave, Delhi-110096 from registered and authorized firms/agencies/contractors as per details given in the tender document. Maharaja Agrasen College has strength of approx. 2300 students, 200 teaching & administrative staff. It also has a hostel for girl students with 60 students approx.

Estimated Tender Value: Rs.13,90,000/- (Rupees Thirteen lacs and ninety thousand.)

Important Dates

| | | |
|--|---|---------------------|
| Date of Publishing | - | 18.05.2021 |
| Bid Document Download Start Date | - | 18.05.2021 |
| Bid Submission Start Date (online) | - | 18.05.2021 |
| Pre-Bid Meeting | - | 26.05.2021 (Online) |
| Bid Submission End Date (online) | - | 08.06.2021 |
| Date of Technical Bid Opening (online) | - | 09.06.2021 |

EMD Amount of Rs. 28,000/- to be submitted in the form of NEFT/RTGS. The details of Account are as under: -

- Account No. 481701213
- IFSC: - IDIB000M102
- Bank Name: - INDIAN BANK
- Beneficiary: -Principal, Maharaja Agrasen College
- The Online pre-bid meeting link will be shared on college website
- Manual bids shall not be accepted. The bid shall be submitted online only at Central Public Procurement Portal Website: <http://eprocure.gov.in/eprocure/app>
- The Competent Authority reserves the right to reject any or all the bids without assigning any reason thereof. The decision of the Competent Authority of the College shall be final and binding. The Competent Authority for reasons not to be recorded in writing may at its discretion foreclose the said tender and its decision shall be binding on all parties.

**Sd/-
Principal**

SCOPE OF WORK

1. SITC of the Wifi Setup is required at all the locations as indicated in the Annexure- 7 and equipments as per Annexure 6 and 6B.
2. Apart from above Setup of Wi-Fi network in specified locations, wireless controller and supporting equipment as per specification in Annexure 6B to be supplied, installed and commissioned. The controller should be capable of managing **500 user** at minimum level and should be scalable to 1000 users. Solution should be based on Centralized WLAN controller, single point management for configurations and should allow password management for guest in approval based access.
3. The access point /network modules should support all application software, system software and network protocols.
4. **All the services issues will be resolved** by the successful bidder for the period of warranty (three years) and for the period of CMC i.e. three years after the warranty period.
5. Vendors are requested to do a detailed site survey before giving quotation to understand the exact requirements.
6. Vendor will provide a complete turnkey solution including all works like, laying of cable wherever required, civil work, if any etc.
7. Commissioning of equipment and network integration with overall college campus network will also be the responsibility of the vendor.
8. The vendor will provide warranty/guarantee with parts and onsite support for all the network equipment for a total period of warranty and for CMC.
9. Any Complaint/breakdown call reported should be attended the same day within 4 hours by the contractor.
10. Any complaint/breakdown call requiring repair/ replacement/ stand by equipment's support are to be rectified with 24 hours.
11. The vendor should have enough spare parts and backup of configurations and setup etc., to provide standby in case of any repair in the equipment's, cables, software etc., and the repair/replacement of the original equipment should be done within 24hours.
12. Wireless equipment's shall be long range access (indoor) points and other equipment's required shall be optimized for cost and efficiency.
13. Seamless connectivity throughout the zone for mobile users with laptops/PDA's.
14. The WLAN should allow roaming across all the locations.
15. Secure, user authenticated access, login, password, and usage logs etc., to be

provided by the vendor in coordination with IT wing. There should be option for centralized/uniform/universal access for access/login in all wireless/wired LAN of Maharaja Agrasen College.

16. The college or its representatives shall have the right to inspect or evaluate the hardware, software etc. to confirm their conformity to the ordered specifications. The supplier shall provide all reasonable facilities and assistance to the inspector at no charge to college. In case inspected tested features fail to confirm to the specifications, College may reject the and the supplier shall either replace the rejected goods or make all alterations necessary to meet specifications required, free of cost to college.
17. DesignoftheWirelessNetworkinitsdeploymentsshouldadheretoGovernmentsnorms definedandshouldcomply with all its security measure.
18. All the active wireless devices should be of the same manufacturer. All Switches / Access Point/ UPS etc. should be from Single OEM.
19. The offered products in the Wi-Fi solution against the supply order shall be the latest version and should be under support for next 6 years (Three years of warranty and three years of CMC). However, if any product, which is declared end of life product by the OEM during the supply period of material, the bidder should supply replaced model or next higher model/version of the product.
20. The quantities for the passive components mentioned in the tender are the estimates. The bidder may quote and include in their bill of quantities any components, which they necessary for successful implementation of the project.

Eligibility Criteria

1. Name of the firm/company/proprietary concern registered (copy of details to be attached).
2. Legal status of the bidders sole proprietorship/firm/agency etc (copy to be attached).
3. PAN No. (Copy to be attached)
4. GST Reg. No. (Copy to be attached)
5. Earnest Money Deposit (proof to be attached)
6. Average annual turnover must be at least Rs. 10 lacs. (Only Certificate by CA to be attached).
7. Original Technical Catalogue of the quoted model (Copy to enclosed)
8. Experience of undertaken at least 03 similar work during the last 03 years or more in Central/State Government/Autonomous Bodies/PSU's where the bidder has executed work of SITC of Wi-Fi setup with 25 or more APs. (copy to enclosed).
9. The bidder must have its office/headquarter in Delhi/NCR (copy of proof to be attached).
10. An affidavit duly certified by the notary that the bidder has never been black listed or punished by any court for any criminal offence/breach of contract and that no police/vigilance enquiry/criminal case is pending against either bidder legal entity or against individual Directors of the company or partners etc. of the firm etc.
11. Certificate by the OEM that the product being installed in the college will be supported and spare parts will be provided till the end of the CMC period.

GENERAL INSTRUCTIONS TO THE BIDDER

The tender is “Two Bid’ document. The technical bid should contain all the relevant information and desired enclosures in the prescribed format along with details of Earnest Money Deposit (EMD). The financial bid should contain only the prices quoted for SITC of the Wifi Setup in the prescribed format. The Tenders should be typewritten or handwritten but there should not be any overwriting or cutting. Correction, if any, shall be made by neatly crossing out, initialing, dating and rewriting. **The name and signature of bidder’s authorized person should appear on each page of the application. All pages of the tender document shall be numbered and submitted as a package alongwith forwarding letter on agency’s letterhead.**

1. The Contracts concluded as a result of this Tender Inquiry shall be governed by the ‘Terms & Conditions’ and other relevant instructions as contained in this Tender Document.
2. The prices/rates quoted should be indicated in words as well as in figures. In case of any discrepancy, lower amount/rates shall be considered as valid.
3. Bidders are requested to quote their prices on a firm & fixed basis for the entire period of the eContract. Bids of the firms received with prices quoted on variable basis shall be rejected without assigning any reasons and no communication in this regard shall be made.
4. Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and rejected accordingly. Any conditional tender shall be rejected summarily.
5. Refund of Earnest Money Deposit: The EMD submitted by unsuccessful bidders shall be returned to them without any interest whatsoever, within 15 to 30 working days after award of the contract with successful bidder. The EMD submitted by successful bidders shall be returned to them after the successful bidder deposits the performance security according to conditions stipulated in the bid document.
6. Bidders may note that if the date of tender opening given in this Tender Document is declared to be a gazetted holiday, the tender shall be opened on the next working day at the same timing.
7. At any time prior to date of submission of tender, Tender Inviting Authority may for any reason, or decision, modify the terms & conditions of the tender document by a corrigendum displayed on the website of Maharaja Agrasen College (www.mac.du.ac.in). In order to provide reasonable time to take the amendment into account in preparing their bid, Tender Inviting Authority may or

may not, at his discretion, extend the date and time for submission of tenders.

8. Tendering firms are at liberty to be present or authorize a representative to be present at the opening of the tender at the time and date as specified in the Schedule. **Only one representative per firm shall be permitted to attend the opening of the tender.**

2. DOCUMENTS COMPRISING THE BID:

The bids prepared by the bidder shall comprise of (1) The Technical Bid and (2) Financial Bid:

TECHNICAL BID: -

To qualify in the Technical bid the firm should provide all the relevant documents sought as per the Annexure -1. Incomplete or partial information would lead to disqualification of the Technical Bid.

FINANCIAL BID: - The financial bid shall contain Price Bid Form [as per Annexure – 2]

The bidder shall give the total composite price inclusive of all levies and taxes as per price schedule given in Annexure-2. The offer shall be firm and in Indian Rupees only. No foreign exchange will be made available by the college.

The prices quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject variation on any account. A bid submitted with an adjustable price quotation will to be treated as non-responsive and rejected.

3. TECHNICAL EVALUATION:

Detailed technical evaluation shall be carried out by Technical Evaluation Committee pursuant to conditions in the tender document to determine the substantial responsiveness of each tender.

Financial bids of only those bidders who qualify the technical criteria will be opened, provided all other requirements are fulfilled.

A bid determined as substantially non-responsive will be rejected by the College and shall not subsequent to the bid opening be made responsive by the bidder by correction of the non-conformity.

Maharaja Agrasen Colleges shall have right to accept or reject any overall tenders without assigning any reasons thereof.

4. FINANCIAL EVALUATION:

- 1 The financial bid shall be opened of only those bidders who have been found to be technically eligible.
- 2 The Financial Bids of unsuccessful bidders would not be opened
- 3 The rates must be quoted as per format prescribed. Agency shall include in its

price all taxes and other costs while quoting for the tender, in "Annexure-2.

4. Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is, the unit price shall prevail and the total price shall be corrected by the College. If there is a discrepancy between words and figures, the lesser amount shall be considered as valid. If the Supplier does not accept the correction of the errors, his bid shall be rejected.
5. The evaluation and comparison of responsive bids shall be done on the price offered inclusive of Levies & Taxes i.e, GST, insurance etc. as indicated in the Price Schedule in Annexure- "2" of the Bid Document.
6. The College reserves the right to reject any or all offers received in response to tender or cancel or withdraw the tender notice without assigning any reason whatsoever.

5. AWARD OF CONTRACT: PLACEMENT OF ORDER

The College shall consider placement of orders for jobs on those bidders whose offers have been found technically, commercially and financially acceptable. The College reserves the right to counter offer price(s) against price(s) quoted by any bidder.

6. PERFORMANCE BANK GUARANTEE & EXECUTION OF CONTRACT:

1. Firm whose offer is accepted will have to furnish Performance Bank Guarantee of an amount equal to 10% of value of the contract in favour of Principal, Maharaja Agrasen College issued by any scheduled bank.
2. The performance Bank Guarantee submitted should be valid for 3 months over the warranty period.
3. Successful bidder will have to execute an agreement on a Non Judicial Stamp Paper of Rs.100/- in the prescribed format with the Principal, Maharaja Agrasen College.
4. The Performance Bank Guarantee shall be refunded after 3 months after completion of the warranty period subject to deductions as per Terms and conditions if any. No interest will be paid on Performance Bank Guarantee/ Earnest Money Deposit.
5. In case of breach of any terms and conditions of the contract or on unsatisfactory performance, the amount of security deposit shall be liable forfeited by the competent authority and his decision shall be final. The expenses of completing and stamping the agreement shall be paid by the bidder.

TERMS & CONDITIONS OF CONTRACT

1. The Bidder submitting his Tender would be deemed to have considered and accepted all the terms and conditions of Tender. No verbal or written enquiries shall be entertained in respect of acceptance or rejection of the Tender.
2. If the bidder gives deliberately wrong information to create conditions for acceptance of the tender, Competent Authority, reserves the right to reject such tenders without assigning any reason. Not more than one tender will be submitted by one bidder for the same work. Legal action may be taken for furnishing wrong information.
3. The Successful bidder shall be required to execute the formal contract on Rs. One Hundred non-judicial stamp paper within one week of the issue of offer for contract and shall start the contract on a date specified in the offer.
4. The Successful Bidder shall have to follow all the instructions given to him/them from time to time by the competent authority or person nominated by him.
5. The Successful Bidder shall maintain a register for the routine instructions.
6. The Successful Bidder shall be liable to pay compensation for any loss or damage caused to the property of the College under the contract.
7. The Successful Bidder is responsible for any illegal activity of the employee done by him during his work / presence in the College / Hostel premises.
8. The Successful Bidder shall comply with all instructions/direction/rules and regulations of any statutory authority and discharge all obligations, imposed upon him by the statutory authorities or under any law and shall indemnify the College and officers/employees from any claim or consequences/damages for any lapse or non-compliance thereof.
9. The Successful Bidder will be responsible or any accident or mishap or death of workers engaged by the vendor and any claim made on this account will be paid by the successful Bidder, who will also indemnify the college from any claim in this regards.
10. The Successful Bidder and his worker shall abide by the rules and regulations of the College as well as directions/instructions issued by the Competent Authority of the college or on his behalf by the authorities from time to time and violation of which may result in cancellation of the contract.
11. In the event of infringement of any law by any of the workers engaged by the successful Bidder, Bidder shall be under obligation to change the worker immediately on the instruction of the College authorities.

12. DISPUTE:-

- i) If any dispute or difference arises between the parties relating or concerning or to interpretation of the contractor any alleged breach there of or any matter relating to the contract, the same shall be settled by the parties as far possible by mutual discussion and consultation between themselves, whether the same has arisen during the subsistence of the contract or thereafter.
- ii) In the event of any dispute or differences arising in connection with the contract arising out of this Tender whether during the subsistence of the contract or there after not being settled in aforesaid manner, the matter shall be referred to the Competent Authority or his nominee not below the rank of Associate Professor for arbitration whose decision shall be final and binding on both the parties. The proceedings before the arbitrator would be governed by the provision of the ARBITRATION AND CONCILIATION ACT,1996.
- iii) The courts of Delhi shall have exclusive jurisdiction in all matters arising out of this Tender.
- iv) The successful Bidder will have to provide Wi-Fi solution at the points designated by the college with the work order or as per the Annexure to this NIT.

13. TERMINATION OF AGREEMENT: -

- i) After giving opportunity of being heard to the successful Bidder, College may terminate/cancel the agreement on the following grounds:-
 - Breach of any or all terms and conditions of agreement.
 - Non-performance or unsatisfactory performance of work executed by the successful Bidder.
 - At any time document or information furnished with Tender is found forged or fabricated during the subsistence of the contract.
- ii) Notwithstanding to any provision of the contract, if the contract is terminated by the College and the College has to award the work to other party on higher rate, the successful bidder has to compensate the difference of cost to the College.

14. Guarantee/Warranty Terms:

- a) The successful Bidder has to warrant that the Goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- b) The successful Bidder further have to warrant that the Goods supplied under this Contract shall have no defect arising from design, material or workmanship (except when the designing/ or materials required by the Tender Inviting Authority's specifications) or from any act or omission of the

- successful Bidder, that may develop under normal use of the supplied goods.
- c) All the equipment including the accessories supplied as per the technical specifications mentioned in the bidding document should carry warranty (including all spares, accessories and consumables) for a period mentioned in this document in the first instance. During this period, the successful Bidder shall replace all defective parts / accessories / consumables and attend to all repairs/break downs and undertake stipulated number of preventive maintenance visits to every user installation site. The cost of spare parts for all replacements has to be borne by the successful Bidder during the period of warranty.
 - d) On expiration of the **warranty period**, the successful Bidder shall be willing to provide after sales support for an additional period prescribed in this document.
 - e) The prospective Bidder shall submit an undertaking from the Original Equipment Manufacturers (OEM) that they are willing to provide **spare parts** for the period of warranty as mentioned and also during the CMC period. **The undertaking from OEM is an essential document forming part of the Technical Bid, without which the tenders will be rejected summarily.**
 - f) The successful Bidder shall provide preventive maintenance as per the frequency mentioned in this document during the warranty period. The Bidder shall attend any number of breakdown/repair calls as and when informed by the college authority.
 - g) Upon receipt of such notice for repair/breakdown from the college, the successful Bidder shall, within the period as specified in this document, and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the Tender Inviting Authority.
 - h) If the successful Bidder, having been notified, fails to rectify the defect(s) within the period specified mentioned in this document, the Tender Inviting Authority may proceed to take such remedial action as may be deemed necessary, at the successful Bidder's risk and cost and without prejudice to any other rights which the Tender Inviting Authority may have against the successful Bidder under the contract.
 - i) Failure to attend the repairs in time or failure to attend the stipulated preventive maintenance or failure to replace the defective equipment's or to provide stand-by equipment or if the fault down time exceeds the stipulated period or failure to ensure the stipulated up-time in an year shall lead to forfeiture of the performance security and/or may lead to blacklisting/debarring of the defaulting Bidder.
 - j) The equipment which requires quality assurance test shall be done at free of cost immediately after installation, during the warranty period, during the CMC period, by the demand of User and also when major spares are replaced.
 - k) Any mandatory approval required for installations shall be obtained by the successful Bidder in liaison with the respective authorities.
 - l) The Bidder shall submit the parameters which require recalibration and the frequency of calibration required.
 - m) The Bidder shall undertake on-site calibration of the equipment every year as part of the after sales service during the period of warranty from the user.

- a) **The offered warranty includes:** Visits to the user institutions at frequencies prescribed as part of preventive maintenance.
- b) Testing & calibration as per technical/service/operation manual of the manufacturer or as per the period specified or as per the demand of the user.
- c) Quality Assurance tests (if applicable).
- d) The cost of labour for all repairs/and all spares required for replacement during repairs all kinds of accessories
- n) The exclusion of warranty of any vital equipment parts will be compared with offers of other Bidders during evaluation of the bids and this may be taken into consideration in deciding the successful Bidder on the basis of expert advice.
- o) The Bidder shall provide up-time warranty of complete equipment as mentioned in this document, the uptime being calculated on 24(hrs)X7(days) basis failing Warranty period will be extended for every additional day of down time equal to one week.

15. Comprehensive Annual Maintenance Contract:

- a) CMC of the equipment will commence after the expiration of warranty period i.e. three years.
- b) The cost of CMC, accessories and spares, reagents and consumables as in case may be quoted along with taxes applicable, if any. The taxes to be paid extra, to be specifically indicated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- c) Failure/refusal on the part of the successful tender supplying/installing the equipment's to enter into CMC with the Tender Inviting Authority, at the end of the Warranty Period, if the College, as the case may be, desires so, shall lead to forfeiture of performance security and may also result in the blacklisting/debarring of the Bidder.
- d) The successful Bidder shall also indicate the rates for the CMC in price bid form and such rates are binding on the successful tenders after the expiration of the warranty period. The yearly rates for CMC shall remain the one and the same as quoted in the price bid form for the extended years.
- e) The payment of the agreed CMC charges will be made on quarterly basis after receipt of invoice to the effect.

16. Firm have to provide a minimum **UPTIME GUARANTEE** of 95% (95% of 365 Days) per year during the warranty period as well as during the Comprehensive Annual Maintenance Contract.

17. Delivery period and Installation:-SITC of the Wi-Fi set up shall be completed within 2 weeks from the date of award of the contract.

18. Liquidated Damage:-

In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the goods, installation of equipment, training, etc. as specified in this contract, the Buyer may at his discretion, withhold any payment until the completion of the contract. The Buyer may also deduct from the Seller as agreed, liquidated damages to the sum of

0.5% of the contract price of the delayed/undelivered, stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 5% of the value of contract value.

19. Payment:-100%

Payments shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms and conditions of contract after successful SITC of the Wi-Fi set up and after due receipt of the performance guarantee and on due recommendation of the concerned committee in the college.

TECHNICAL BID FORMAT

| | | |
|----|--|--|
| 1 | Name of the firm/company/proprietary concern registered | |
| 2 | Legal status of the bidders sole proprietorship/firm/agency etc. (copy to be attached) | |
| 3 | Address of registered office. | |
| 4 | Address of the office at Delhi/NCR (if any). | |
| 5 | Telephone Nos./Fax/E-mail at Delhi/NCR. | |
| 6 | Specify your firm/company is a manufacturer/authorized dealer/distributor/ Agency | |
| 7 | Earnest Deposits money (EMD) Yes/No | |
| 8 | EMD Details UTR No. date: Amount- (Rupees.)(Proof of towards payment of EMD through online mode to be attached). | |
| 10 | PAN No. (Attach attested copy) | |
| 11 | GST Reg. No. (Attach attested copy) | |
| 12 | Proof of Average annual turnover must be at least Rs. 10 lacs. (Only Certificate by CA to be attached). | |
| 13 | Original Technical Catalogue of the quoted model (Copy to enclosed) | |
| 14 | Experience of undertaken atleast 03 similar work during the last 03 years or more in Central/State Government /Autonomous Bodies/PSU's where the bidder has executed work of SITC of Wifi setup with 25 or more APs. | |
| 15 | Enclose an affidavit duly certified by (enclosed/ Not enclosed) the notary at the location of the Agencies/Headquarters Delhi that the bidder has never been black listed or punished by any court for any criminal offence/breach of contract and that no police/vigilance enquiry/criminal case is pending against either bidder legal entity or against individual Directors of the company or partners etc. of the firm etc. | |

| | |
|---|--|
| Certificate by the OEM that the product being installed in the college will be supported and spare parts will be provided till the end of the CMC period. | |
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(Signature of Authorized Person)

(Name)

(Designation)

Name of Firm/Company/Agency

ContactDetails

PRICE BID FORM (PART – A)

1. I/Wesubmitted the bid for Tender No.MAC/ADMIN/WIFI for “providing SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF WIFI SETUP AT MAHARAJA AGRASEN COLLEGE”.
2. I/We thoroughly examined and understood instructions to tenders, scope of work, terms & conditions of contract given in the tender document and those contained appendix of Terms & Conditions of contract and agree to abide by them.
3. I/We hereby offer to provide supply, installation, Testing & Commissioning of WiFi setup at the following rates. I/We undertake that I/We are not entitled to claim any enhancement of rates on any account during the tenure of the contract.

| S.No. | Particulars | Amount Quoted (in Rs.) |
|--------------|--|-------------------------------|
| A | Supply, Installation, Testing & Commissioning of Wifi Setup including all equipment’s mentioned at Annexure-6-B (including taxes, other charges) for 3 years’ warranty period. | |
| B | CMC for three years after warranty period of 3-years | |
| | Annual Charges | |
| | No. of Years | 3 |
| C | Total Charges for Three Years of CMC (B X 3) | |
| D | Grand Total (A + C) | |

L1 will be calculated on the basis of “D”.

(Signature of Authorized Person)

(Name)

(Designation)

Name of Firm/Company/Agency

Contact Details

STAMP OF Rs. 100/-

CONTRACT AGREEMENT

Contract No. Dated

.....

This is in continuation this office’s Notification of Award No. dated

1. Name and Address of the Supplier: -

2. This agreement is made this day..... between....., Reg office at Herein after called “Supplier ”the first party which expression shall include his heirs, executors and administrators/ their successors and Maharaja Agrasen College, hereinafter called “College”, the second party, acting through Principal, Maharaja Agrasen College, herein after include his successors and assignees, shown as under:-

4. In addition to this Contract Form, the following shall also be deemed to form and be read and construed as integral part of this contract:

- a) General Instructions to the Bidder
- b) Terms & Conditions of Contract
- c) Tender Form furnished by the supplier
- d) Price Schedule (s) furnished by the supplier in its tender
- e) Purchaser’s Notification of Award
- f) Scope of Work

5. Supplier will provide college the Wifi Setup as per the scope of work at the terms and Conditions and the price mentioned in the tender document

6. Signature and legal addresses of the contracting parties:

In witness where of the parties here to have hereunder set their respective hands the day and the year above written.

Contractor

Maharaja Agrasen College

For & on behalf of

For & on behalf of College

M/s _____

Principal,
Maharaja Agrasen College
Address:.....

(Name Designation)
Address:.....

.....

.....

(Seal)
Witnesses:

(Seal)

1.

AFFIDAVIT

(On Non-Judicial Stamp paper of Rs. 100)

I, _____ S/o _____ Daughter / Wife of Shri _____ resident of _____ Proprietor/Director authorized signatory of the agency/Firm (M/s _____), do hereby solemnly affirm and declare as follows:

1. I am authorized signatory of the agency/firm and is competent to sign this affidavit and execute this tender document;
2. I have carefully read and understood entire tender document including all the terms and conditions of the tender and undertake to abide by them;
3. The information / documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
4. I/We further undertake that no case/enquiry/investigation is pending with the police/court/vigilance or any government body against the Proprietor/Partner/Director etc. as individual or against legal entity of the Company/Firm/Agency.
5. I/We further undertake that none of the Proprietor/Partners/Directors of the Agency/agency was or is Proprietor or Partner or Director of the Agency with whom the Government have banned/suspended/blacklisted business dealings. I/We further undertake to report to the Principal, Maharaja Agrasen College immediately after we are informed but in any case not later 15 days, if any Agency in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such an Agency which is banned/suspended in future during the currency of the Contract with you.
6. I/We further undertake that our firm/company is fulfilling all the terms and conditions/eligibility criteria obvious/explicit or implied/implicit recorded anywhere in the tender document. If at any time including the currency of the Contract, any discrepancy is found relating to our eligibility or the process of award of the contract criteria, this may lead to termination of contract and/or any other action deemed fit by the College.

(Signature of the Bidder)

Date:
Place:

Name:
Designation

I/We do hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed therein.

FORMAT FOR BANK GUARANTEE TOWARDS PERFORMANCE SECURITY

(To be executed by any scheduled bank, on a non-judicial stamp paper under bank's covering letter mentioning address of the bank)

To,

Principal
Maharaja Agrasen College
Vasundhara Enclave,
Delhi-110096

In consideration of Maharaja Agrasen College, University of Delhi [hereinafter referred to as COLLEGE', which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] having agreed to exempt M/s [hereinafter referred to as supplier /contractor' which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] from depositing with Maharaja Agrasen College sum of Rs. _____ (Rupees ____) towards security / performance guarantee in lieu of the said contractor having agreed to furnish a bank guarantee for the said sum of Rs. ____ (Rupees ____) as required under the terms and conditions of contract / work order no dated [hereinafter referred as the order'] placed by college on the said supplier /contractor. We, _____ the bank [hereinafter referred to as 'the bank' which expressions shall include its successors and assigns] do hereby undertake to pay Maharaja Agrasen College, University of Delhi an amount not exceeding Rs. _____ (Rupees ____) on the demand made by Maharaja Agrasen College on us due to a breach committed by the said supplier /contractor of the terms and conditions of the contract/order.

1. We _____ the bank hereby undertake to pay the amount under the guarantee without any demur merely on a demand from Maharaja Agrasen College, University of Delhi stating that there is a breach by the supplier / contractor of any of the terms and conditions contained in the order or by the reasons of the supplier's / contractor's failure to comply with the terms and conditions as stipulated in the order or amendment(s) thereto. The demand made on _____ the bank shall be conclusive as to the breach of the terms and conditions of the order and as regard to the amount due and payable by the bank under this guarantee, notwithstanding _____ any dispute or disputes raised by the said supplier /contractor regarding the validity of such breach and we agree to pay the amount so demanded by Maharaja Agrasen College, University of Delhi without any demur. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees ____).
2. We, the bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said order and that it shall continue to be enforceable till the dues of college

under or by virtue of the said order have been fully paid and its claim satisfied or discharged or till Maharaja Agrasen College, University of Delhi certifies that the terms and conditions of the order have been fully and properly carried out by the supplier / contractor and accordingly discharge the guarantee.

3. We the bank, undertake to pay to Maharaja Agrasen College, University of Delhi any money so demanded notwithstanding any dispute or disputes raised by the said supplier /contractor in any suit or proceedings pending before any court or tribunal relating thereto as our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the said supplier / contractor shall have no claim against us for making such payment.
4. We _____ the bank further agree that Maharaja Agrasen College, University of Delhi shall have full liberty, without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the order /contractor to extend time of performance by the said supplier / contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Maharaja Agrasen College, University of Delhi against the said supplier/contractor and to for bear or enforce any of the terms and conditions relating to the order and shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier / contractor or for any forbearance, act or omission on the part of Maharaja Agrasen College, University of Delhi or any indulgence by Maharaja Agrasen College, University of Delhi to the supplier / contractor or by any such matter or thing whatsoever which under the law relating to sureties would but for this provisions have effect of so relieving us.
5. This guarantee will not discharge due to change in the constitution in the bank or the said supplier /contractor.
6. The bank hereby agrees to address all the future correspondence in regard to this bank guarantee to Principal, Maharaja Agrasen College, University of Delhi.
7. We, _____ the bank lastly undertaken revoke this guarantee during its currency except with the previous consent of the Maharaja Agrasen College, University of Delhi in writing.

Signed on the _____ day of _____

Signature

For the Bank

Witness:

Name(s) & Designation(s)

Name & Address

SCHEDULE OF REQUIREMENT

| SL | Item | Item Description | Brand | Qty | UOM |
|-----------|--|---|--------------|--------------------|------------|
| 1 | Wireless Controller | Wireless Hardware Controller, should be ready for supporting 26 AP's from day one with scalability for 100 AP support in future without adding any new hardware. | | 1 | NOS |
| 2 | Indoor Access Point | Indoor dual-band (5 GHz and 2.4 GHz concurrent) 802.11abgn/ac Wireless Access Point, dual ports, PoE support. (Specification As Given Annexure 6B) | | 26 | NOS |
| 3 | Switches | Switches 16 Port Gigabit Managed PoE Switch with SFP Slot With 3 years warranty by OEM (Specification As Given) | | 7 | Nos |
| 4 | Racks | 9U Wall Mounted Rack with PDU, Screw & Glass Door | | As per requirement | NOS |
| 5 | Patch panel | 24 Ports Patch Panel - Loaded | | As per actual | NOS |
| 6 | CAT 6 UTP | CAT 6 UTP Cable(| | As per actual | Box |
| 7 | Patch Cord | CAT 6 Patch Cord (length 1 Mtr) | | As per actual | Pcs |
| 8 | Connector | RJ45 Connector | | As per actual | Pcs |
| 9 | UPS | 550VA/600VA UPS with standard Battery Backup | | 7 | Pcs |
| 10 | Cable | 1.50 mm Electric Cable | | As per actual | Mtr |
| 11 | Service / Installation & Support charges | One time Installation & configuration charges for all above Components including laying, fixing, digging/cutting (wherever required), training, documentation as per scope of Work and any other item required for successful SITC of Wi-Fi set up. | | 1 | Job |

TECHNICAL SPECIFICATIONS**Wi-fi Controller**

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|---|
| Wifi Controller Should be Make in India Product |
| Wi-Fi Controller with management software and licenses along with necessary accessories along with the following : |
| Should have support for Day 1 minimum 26 Access Points and should be scalable up to 100 Access Points. |
| Should support 802.11a/b/g/n or latest Wireless Standards |
| Should Concurrent End Client Devices Support 4000 Nos |
| Should be Rack Mounted and Frequency support 2.4 & 5.0 GHz |
| Should support Seamless L2/L3 fast roaming from AP-to-AP |
| Should support minimum 8 or more SSIDs |
| Controller should have integrated DHCP server |
| Should support authentication for Users/Admin |
| Should Support 802.11ac Wave2 Wifi Standards or Latest |
| Should Support 1 Gbps Data Rate and 802.11i Encryption |
| Should Support IPv4 and IPv6 |
| Should Support Wifi Multimedia (WMM) for QoS |
| Should Support Wifi Security Standard |
| Should Support Local database(Permanent/Temporary User Database),External Database |
| Should Support Active Directory Users |
| Extraction of Logs Every user Activity |
| Should Support Max 4000 Clients |
| Device Should support Account Creation |
| Management interface HTTP, SNMP v1/v2c, telnet , secure shell (SSH) logging and reporting |
| Maintenance : Save /Restore configuration ,restore to factory defaults ,admin password change ,Add user (read-only)firmware upgrade via web browser for the wireless controller and the managed access points |
| Should support real-time monitoring |
| Should support Captive portal for user authentication |
| Should support minimum two 10/100 or higher Mbps Ethernet and one USB port |
| Should be Wi-Fi regulatory standards |
| On Site OEM Warranty 3 Years |

Technical Specification of Access Points

| |
|--|
| Access Points along with all necessary accessories with the following specifications: |
| Should be Indoor wall Mounting AP |
| Should support Frequency Band IEEE 802.11a/b/g/n ,802.11b/g/n/ac, 802.11ac wave1/2 Dual-Band 2.4 GHz and 5.0 GHz |
| At least 1 no 10/100/1000 Mbps port supports PoE and 1 console port. |
| Wireless Speed up to 1167 (mbps) |
| Max Wireless Signal Range 30 mts |
| Max Data Rate 1167 MBPS |
| Supported Encryption WPA,WAP-PSK,WAP-TKIP, WPA2 AES,802.11i,EAP-TLS, MAC Authentication |
| Should Support Remote configuration and management through Web browser, SNMP or telnet with command line interface (CLI) |
| At least 1 no 10/100/1000 Mbps port supports PoE and 1 console port |
| Should Support IPv4 and IPv6 |
| Should Support Integrated Antenna |
| Should Support power Option PoE (power over Ethernet)Switch and AC/DC With Power Adopter |
| Should Support Wifi Multimedia (WMM) for QoS |
| On Site OEM Warranty 3 years |

POE Switch

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| 16 Port gigabitmanaged Switch with Basic Layer-3 Protocol-IEEE 802.3af (PoE), Security Feature-VLANs, QoS, and IGMP,Management Protocol-GUI,TFTP,VLAN,Qos, QoS-IEEE 802.1p,VLAN,DHCP, PoE Power Budget (Watt)-85, 3 year on-site warranty |
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Details of location and distribution of Access point for setting up Wi-Fi

| Tentative locations identified for installation of Wi-Fi Access Points (AP) in the College campus | | | | |
|--|----------------|----------------------------------|-----------|-------|
| Access Point Requirement Floor Wise | | | | |
| S.No | Floor/Building | Department Name/Location | Qty | Total |
| 1 | Ground Floor | ICT Center | 2 | 6 |
| | | Admin Dept | 1 | |
| | | Account Dept | 1 | |
| | | Near Chemistry/Bio Dept | 1 | |
| | | Near Room No 1 | 1 | |
| | | Near Room No 7 | 1 | |
| 2 | First Floor | Committee Room/Principal Office | 1 | 6 |
| | | Staff Room | 1 | |
| | | Near English/Pol.SciDept | 1 | |
| | | Near Commerce/Hindi Dept | 1 | |
| | | Near Room No 113/Physic Dept | 1 | |
| | | Near Room No 107 | 1 | |
| 3 | Second Floor | Conference Room | 1 | 5 |
| | | Computer Dept | 1 | |
| | | Near Maths & History/Eco Dept | 1 | |
| | | Near Room No 201 | 1 | |
| | | Near Room No 207 | 1 | |
| 4 | 3rd Floor | Near Electronic Lab | 1 | 3 |
| | | Near Electronic/Physical SciDept | 1 | |
| | | Library | 1 | |
| 5 | Hostel | Office | 1 | 2 |
| | | Common Room | 1 | |
| 6 | Auditorium | Journalism Dept/AKC | 2 | 4 |
| | | Auditorium Main Hall | 2 | |
| Total AP | | | 26 | |

