

INTER-UNIVERSITY ACCELERATOR CENTRE
(An Autonomous Centre of UGC)
Aruna Asaf Ali Marg, New Delhi-110 067

NOTICE INVITING E-TENDER

TENDER NO: IUAC/NIT/36/SMO/2018-19

Dated: 21/02/2019

Instructions for Online Bid Submission:

Inter-University Accelerator Centre (IUAC), invites online bids through e-Procurement Portal under two bid system, viz., Technical and Financial bids, from eligible and experienced parties for the work/supply of **"Supply of Active Network components for Auditorium wi-fi Network at IUAC"**.

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Aspiring Bidders who have not enrolled/registered in e-Procurement Portal should enroll/ register before participating through the website <http://eprocure.gov.in/eprocure/app>.

Bids shall be submitted online only at CPPP website: <http://eprocure.gov.in/eprocure/app>. Tenderers/Contractors are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

IUAC reserves the right to accept / reject any/all tenders in part/full without assigning any reasons thereof.

Bidder has to select the payment option as "offline" to pay the tender fee/EMD as applicable. The Earnest Money Deposit shall be in the form of demand draft issued in favour of "Inter-University Accelerator Centre, New Delhi" and it should be deposited in IUAC before the bid opening. Bidders registered with MSME/NSIC are exempted from payments of EMD & tender fee. Copy of valid registration certificate should be uploaded.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled and submit it online without modifying the format. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

Any Corrigendum/Amendments in respect of above tender shall be issued on IUAC website www.iuac.res.in and website <https://eprocure.gov.in> only. Bidders should take into account any

corrigendum published on the tender document before submitting their bids.

E-TENDER DOCUMENT

Name of Work	Supply of Active Network components for Auditorium wi-fi Network at IUAC
Tender No.	IUAC/NIT/36/SMO/2018-19
Tender Value/Estimate	Rs.8,94,000- (Rupees Eight lacs ninety four thousand)
Earnest Money Deposit	Rs 18,000 /-(Rupees eighteen thousand only) in the form of D.D.
Tender fee	Rs. 500/- (Rupees five hundred only)
Bid Submission End Date	14/03/2019 at 3.00 p.m.
Technical Bid Opening Date	15/03/2019 at 3.30 p.m.
Price Bid Opening Date	To be intimated later.
Contact Person	M. B. Joseph, Administrative Officer (S&P) e-mail: joseph@iuac.res.in Phone: 9868827912

(Technical Bid – Part A)

TENDER DOCUMENTS FOR SUPPLY AND INSTALLATION OF ACTIVE NETWORK COMPONENTS FOR AUDITORIUM WI-FI NETWORK AT IUAC

SCOPE OF WORK

Scope of work will include the supply and installation of floor mounted rack and active network components as mentioned in items of enclosed BOQ in Auditorium of IUAC.

GENERAL TERMS & CONDITIONS

1. **Submission of Tender:** Tenders should be uploaded in two Parts i.e. "Technical bid" (Part-A) and "Price bid" (Part-B). No other mode of submission will be accepted.
2. **Technical Bid (Part-A) :** In this bid, the bidder shall uploaded the scan copies of the following:
 - a. Covering letter on Company's Letter Head
 - b. Biodata of company (Company profile, organizational setup, credentials, list of plant, machinery & tools in his possession).
 - c. Copies of PAN no., GST Reg. no.

- d. Copies of work orders and completion certificates of similar type of Civil works executed successfully during the last 7 yrs. in Govt., Public sector, Autonomous body or reputed Public Ltd. Company, with at least one work of value not less than Rs. 3.96 lakh or two similar works, each of value not less than Rs. 2.47 lakh or three similar works, each of value not less than Rs. 1.98 lakh.
- e. Entire NIT (except Price bid) duly signed & stamped by the bidder as acceptance of all terms & condition of tender.

3. Price Bid (Part-B): In this bid, the bidder is required to quote his item rates in the BOQ format in accordance with the scope of work, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e. should include all material cost, labour, services, plant/machinery/tools & tackles, ladders & scaffolding required for work, freight, Insurance, CGST, SGST, IGST and all applicable Govt. Duties, levies & taxes, transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. Further , nothing extra in rates will be considered for any variations in tender quantities or due to any site difficulties. It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure in not filling some item rates will lead to rejection of tender. The bidders should quote unconditional rates,.

4. **Earnest Money:** An earnest money deposit (EMD) of Rs 18,000 /= (Rupees eighteen thousand only) has to be submitted before opening of the technical bid (Part-A). The EMD shall be only in the form of Bank Draft /Banker's cheque in favour of " Inter-University Accelerator Centre ", payable at New Delhi. No Cheque/Cash shall be accepted as EMD. The refund of EMD to the technically disqualified & lowest 4th bidders onwards shall be made within 15 days from the date of opening of price bid. The refund of EMD of the 2nd & 3rd lowest bidders shall be made after award of work and site mobilization by the successful bidder. The EMD of the successful lowest bidder (L1) shall be adjusted against Security deposit.
5. **Validity of Tender:** Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening of Technical bid.
6. **Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.
7. **Completion time:** The time shall be the essence of this contract and entire work as titled above is to be completed in all respects within a period of one (1) month from the date of issue of LOI / Purchase order by the Centre. Any delay in completing the work for reasons attributable to the Contractor is liable for liquidated damages as per clause 15 of NIT. Under the force-majeure conditions or delay due to reasons beyond control of the contractor, IUAC may grant suitable time extension without penalty for which the contractor has to request along with the justification/ reasons well in advance to IUAC for approval without any prejudice to price escalation. No time extension request shall be considered after the expiry of completion period/contract. The decision of the Director, IUAC regarding Time extension will be final and

binding on the contractor.

8. **Deviations:** No deviation from the stipulated terms and conditions will be allowed. Tender will be unconditional.
9. **Site Conditions:** Contractor shall acquaint himself fully with the site conditions and the working environment of IUAC before quoting his rates. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the work.
10. **Correspondence:** All the correspondence in respect of tender/award of work shall be made to A.O.(S&P), IUAC, Aruna Asaf Ali Marg, New Delhi-110067.
11. **Terms of Payment:** The payment shall be made on submission of the bills in proper format by the contractor after due certification by the IUAC engineer responsible for supervision of the work. Contractor can submit one final bill after completion of work for claiming payment based on actual quantities of items of work executed as per BOQ, drawings and Engineer's site instructions.
12. **Labour Laws:** The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be the sole responsibility of the contractor. IUAC will not be a party at any stage in any of the disputes relating to the above. In case, IUAC has to bear any expenditure due to non-conformance of the above provisions by the contractor, the same will be recovered from contractor's bills.
13. **Rules governing the Contractor's employees working in the IUAC Premises:**
The contractor's employees working inside the IUAC campus will abide by the Centre's rules & regulations for works inside the campus. Any damage to the IUAC property due to mishandling, carelessness on the contractor's or his workmen's part will be recoverable from the contractor's bills.
14. **Liquidated damages:** In case the work is delayed beyond the specified completion period for reasons attributable to the contractor, deductions on account of Liquidated damages @1% of the contract value per week will be deducted subject to a maximum of 10 % of the contract value. However, during the delayed period, IUAC also reserves the right to get balance portion of work done by any other contractor at the risk and cost of the existing contractor and amount to that effect along with 10% overhead charges will be deductible from his bills/dues.
15. **Defect Liability period:** Warranty period shall be three years from the date of completion of work. Any defect arising in this period will be rectified by him at his own cost. Failure to do so shall lead to forfeiture of security deposit.
16. **Security Deposit**
A security deposit equal to 10 % of the value of work will be deducted from Contractor's bills and shall be refunded after the completion of warranty period of three years after ensuring successful performance of the system executed by the contractor.
17. Contractor should depute a technically qualified supervisor dedicated for this work, who will

monitor and coordinate work from contractor's side and interact with the IUAC Engineers, responsible for supervision of work, on regular basis.

18. Contractor will take due permission for entry of all his workmen in IUAC. No unauthorized person will be allowed to work inside IUAC campus.
19. The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by IUAC shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
20. During execution of work, Engineer can make minor changes in the scope of work as per site conditions or other reasons. Contractor will have no extra claim in his rates for the same.
21. If during the execution of works, any damage is caused to IUAC property by contractor's workers, contractor will duly make good the loss. IUAC has the right to make suitable deduction from contractor's bills along with penalty, if contractor fails to make good the loss.
22. During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work.
23. Manpower deployed by the contractor at site for carrying out contract work is strictly prohibited being associated with any other works on the campus.
24. No material belonging to the contractor whether consumable or non-consumable should be brought inside the IUAC campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the Centre.
25. During execution of the work, contractor should dispose-off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.
26. IUAC will provide free water and electricity during execution of work at one point. The contractor has to make his own arrangements for supplying power and water from that point onwards as per his requirements.
27. Tender once submitted will remain with the Centre and will not be returned to the bidders.

28. **Termination of Contract:-** The Director, IUAC reserve the right to terminate the contract on account of poor workmanship, failure to mobilize site within 15days, non-compliance of specifications for the works, abnormal delay in progress of work, violation of any contract provisions by the contractor. In such case, contractor’s EMD and security deposit deducted so far will be forfeited. The contract can also be terminated on the request of contractor. In such cases the contractor is liable to pay Liquidated damages @ 5% of tendered value besides forfeiture of EMD & security deposit recovered so far.
29. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi/Delhi.
30. Tenders not complying with any of the provisions stated in this tender document are liable to be rejected. Director, IUAC also reserves the right to accept or reject any or all the tenders without assigning any reason and does not bind him to accept the lowest tender.

Accepted
(Signature of bidder)

Note: - Entire NIT (except price bid) is to be uploaded with 'Technical bid (Part-A)' duly signed & stamped by the bidder

LIST OF ITEMS/BOQ

Supply of Active Network components for Auditorium wi-fi Network at IUAC)

(price bid to be filled online separately in standard BOQ format)

1.	Supply & Installation of Floor Mount Rack: Supply & Installation of 22 U Floor Mount Rack with aSupplyll standard Accessories (600X600, with 8x6A PDU) of reputed make (APC / APW President / Valrack / Netrack)	1	No	
2.	Supply & Installation of POE Switch: Supply & Installation of 24 Port Managed 10/100/1000 POE Switch with two nos. 10G SFP Uplink, backplane adequate to support non-blocking access, all 24 RJ45 ports to support 802.3at PoE, total power budget at least 375W, with rack mount kit. Approved makes: HP/Arris/Extreme/Cisco/D-Link/Zyxel. MAF required. 3 years warranty	1	No	

3	<p>Supply & Installation of non-PoE Switch: Supply & Installation of 24 Port Managed 10/100/1000 Switch with two nos. 10G SFP Uplink, backplane adequate to support non-blocking access, with rack mount kit. Approved makes: HP/Arris/Extreme/Cisco/D-Link/Zyxel. MAF required. 3 years warranty</p>	2	Nos	
4	<p>Supply & Installation of Gigabit SFP Module: Supply & Installation of Gigabit SFP Module 10G LR, of same make as switch supplied in 2 and 3 above</p>	8	Nos	
5	<p>Supply and Installation of Wireless AP: Supply & Installation of Wireless AP Indoor (ceiling and wall mountable with both ceiling and wall mount kit; 802.11ac; concurrent dual-band 2.4 and 5.0 GHz; Rx sensitivity 101 dBm or better; 1300 Mbps user throughput on 5.0 GHz band; two Gigabit Ethernet ports, at least one of which 802.3af/at PoE compatible). Make and model quoted should work seamlessly with Zyxel NXC 5500 controller. Monitoring and configuration of access points by the Zyxel NXC 5500 controller should be demonstrated by the vendor. The software supplied with access point should be able to perform the following tasks - IP configuration/renew, Device Location, password configuration, device reboot, firmware upgrade, Batch AP configuration and firmware upgrade, Batch profile backup, Wi-Fi AP Planning, wireless health management and coverage detection. Access point should support Managed and standalone modes. Should also be manageable through CLI, WEB console and SNMP v1/2c/3. MAF required. 3 years warranty.</p>	18	Nos	