

TENDER DOCUMENT
[Tender Notice No. IARI/AKMU/NC/2018-2019
Dated. 02.11.2018]

e- tender are invited in two bid systems (Technical/Pre-qualification bid and Price bid) for
**Annual Maintenance Contract (AMC) of Local Area Network & Facility Management Services
AND RATE CONTRACT
FOR EXPANSION OF LAN at IARI, New Delhi- 110 012**

Name and address of Tenderer

M/s. _____

Date for receiving the Tender: up to 26th November, 2018 at 1.00 P.M.
Date & Time of opening the Tender: 26th November, 2018 at 2.30 P.M.
(Technical/Pre- qualification bid only)

IMPORTANT NOTICE

TENDERERS RESPONDING TO THIS ENQUIRY SHALL BE DEEMED TO BE AGREEABLE TO THE TERMS AND CONDITIONS HEREIN CONTAINED. THESE TERMS AND CONDITIONS SHALL BE BINDING ON THE SUCCESSFUL TENDERER. CONDITIONAL TENDERS ARE LIABLE TO BE REJECTED. INSTITUTE WILL PROCESS THE TENDER AS PER IARI STANDARD PROCEDURES. THE DIRECTOR OF THE INSTITUTE RESERVES THE RIGHT TO REJECT ANY OR ALL OR PART OF TENDER WITHOUT ASSIGNING ANY REASON AND SHALL ALSO NOT BE BOUND TO ACCEPT THE LOWEST TENDER. IARI WOULD NOT BE UNDER ANY OBLIGATION TO GIVE ANY CLARIFICATION TO THE AGENCIES WHOSE BIDS ARE REJECTED.

Agricultural Knowledge Management Unit
Indian Agricultural Research Institute
A-0 Wing, LBS Building, Pusa Campus, New Delhi-11012
Website # <http://www.iari.res.in>



**Agricultural Knowledge Management Unit
ICAR-Indian Agricultural Research Institute
New Delhi-110012**

**[Tender Notice No. IARI/AKMU/NC/2018-2019
Dated. 02.11.2018]**



**INVITATION TO TENDER AND INSTRUCTIONS TO
TENDERERS**

Dear Sir(s),

On behalf of the Director, ICAR-Indian Agricultural Research Institute, New Delhi sealed tender for **Annual Maintenance Contract (AMC) for Local Area Network & Facility Management Services and Rate Contract for expansion of LAN at IARI, New Delhi are invited in two bid systems (Technical/Pre-qualification and Price Bid)**. The terms and conditions of this contract applicable for technical/pre-qualification and price schedule are given in the e-tender document (attached herewith). If you are interested to quote **Annual Maintenance Contract (AMC) for Local Area Network & Facility Management Services and Rate Contract for new work** in accordance with the requirements stated, please submit your tender in the prescribed Tender Form enclosed, in original, on or before the prescribed date and time indicated in the terms and conditions of contract.

Assistant Administrative Officer
Agricultural Knowledge Management Unit
Indian Agricultural Research Institute
A-0 Wing, LBS Building, Pusa Campus
New Delhi-110 012

TENDER FORM

From
M/s.....

.....

To

Incharge,
Agricultural Knowledge Management Unit
Indian Agricultural Research Institute,
A-0 Wing, LBS building, Pusa Campus
New Delhi-110 012

Dear Sir,

I/We offer to supply the items/services detailed in the schedule and agree to hold this offer valid upto 180 days from the date of opening of the tender. I/We shall be bound by a communication of acceptance dispatched within the afore said period.

I/We have understood the instructions and conditions for the contract pertaining to the above mentioned tender and have thoroughly examined the specifications patterns quoted in the schedule and are aware of the store/services required and my/our offer is strictly in accordance with requirement.

Copies of the necessary certificated as asked for in the terms and conditions have also been enclosed with the tender.

A Demand Draft/Pay Order bearing No.dated.....
Issued byfor Rs. 50,000/- (Rupees Fifty Thousand only) in favour of Director, IARI, New Delhi is enclosed as Earnest Money Deposit.

NAME

Signature

ADDRESS.....

PHONE NO.....

FAX NO.....

SEAL

जीव-जीवन-जीति

**TENDER TITLE: Tender FOR Annual Maintenance Contract (AMC) for
Local Area Network & Facility Management Services and Rate Contract
for expansion of LAN at IARI, New Delhi**

TENDER REF; [**Tender Notice No. IARI/AKMU/NC/2018-2019**]

- i) Date of Issue / opening/ Publish of Tender Document : 02.11.2018
ii) Last date of receipt of Tender : 26.11.2018

1. PREFACE

Sealed e-Tenders are invited by the Incharge, AKMU, ICAR-IARI, New Delhi on behalf of the Director, ICAR-IARI, New Delhi under Two Bid System i.e. Technical Bid and Financial Bid from reputed, experienced and financially sound Companies / Firms/Agencies for _____ located at the address mentioned below for one year (extendable to further one year) on the terms and conditions mentioned in the tender Document.

2. NAME AND ADDRESS OF THE AUTHORITY

Assistant Administrative Officer
Agricultural Knowledge Management Unit
Indian Agricultural Research Institute
A-0 Wing, LBS Building, Pusa Campus
New Delhi-110 012

2.1 ADDRESS FOR DOWNLOADING TENDER DOCUMENT:

<http://www.eprocure.gov.in>

<http://www.iari.res.in>

2.2 CONTACT PERSON(S) FOR ANY QUERIES RELATED TO TENDER:

Tender related clarification may be obtained from :
Sh. R.R. Meena, ASSISTANT ADMINISTRATIVE OFFICER
Agricultural Knowledge Management Unit
Indian Agricultural Research Institute,
A-0 Wing, LBS building, Pusa Campus,
New Delhi-110 012
Mobile No. 7033505081

3. Brief Details of the e-Tender:

i.	Name of the work & Location	Details
Ii	E-Tender No.	Tender Notice No. IARI/AKMU/NC/2018-2019
Iii	Submission of Earnest Money Deposit (EMD)	EMD to Rs. 50,000/- in the form of Demand Draft / Pay order only in the name of Director, IARI, New Delhi payable at Delhi
Iv	Last date of the submission / receipt of the e-tender	26.11.2018 at 1.00 PM

The tender document is down load from <http://www.iari.res.in> free of cost
SSI units registered with NSIC can avail the following benefits on submission of relevant Certificate

Exemption from payment of earnest money deposit

3.1 Submission of e-Tender

3.2 This Tender is an e-Tender: offers will not be accepted in hard copy

3.3 e-Tender without Earnest Money are laible to be rejected

4. SCHEDULE FOR INVITATION FOR BIDS:

I) Date of issue / opening publish of Tender document :02.11.2018

II) Last date of receipt of Tender : 26.11.2018 at 1.00 PM

III) Date and time of opening of Tender (Technical Bid) : 26.11.2018 at 2:30 PM

5. PERIOD FOR VALIDITY OF TENDER DOCUMENT : Six months from the date of opening of the Tender

6. TYPE OF BID : Two bid system (Technical & Financial) i.e. Two cover system

7. Procedure for Submission of Online Bids: Technical bid (cover-1) : Bidders are requested to upload the required scanned copies of files as per following;

File 1: 1 Color Scanned copies of all information / documents in single PDF file as "QUALIFYING INFORMATION", Color Scanned copy of DD/ Bankers Cheque for a amount of Rs. 50,000/- (Rupees. Fifty Thousand only) towards Bid Security (EMD). Original copy of DD/ Bankers Cheque should be submitted to Incharge, AKMU, IARI, New Delhi 110012 on or before last date.

File 2: Financial Bid (BOQ) (Cover-2): Bidders are requested to upload the prescribed **BOQ**

8. TECHNICAL BID: TERMS & CONDITIONS:

1. Director, IARI (ICAR) invites e-Tender, in *two* bids, one technical and second commercial, for ANNUAL MAINTENANCE CONTRACT OF IARI LOCAL AREA NETWORK & FACILITY MANAGEMENT SERVICES AND RATE CONTRACT FOR EXPANSION OF LAN. The period of the award of the contract will be initially for two years. However, the same may be extended for the next one year based on

satisfactory services provided by the firm and duly recommended by the Institute Internet Committee.

2. The firm must upload scan copy of Registration and Income Tax and Service Tax Returns for the last three years. Details of ISO Certification (if any), company profile, Income Tax Clearance Certificate and list of valued customers, if any, should accompany along with the quotation. All the documents are to be scan upload with Technical/Pre-qualification Bid.
3. If the firm is authorized service centre of companies like D-link/ Cisco etc., proof of the same to be attached.
4. The tender shall remain valid for 180 days after the date of commercial bid opening. If any bidder withdraws his tender before the said period. IARI shall- without prejudice to any other right or remedy, be at liberty to forfeit the Bid Security.
5. The quotation must be upload scan copy. The Scanned cover must be superscripted with "TENDER FOR AMC OF LOCAL AREA NETWORK AND FACILITY MANAGEMENT SERVICES & RATE CONTRACT FOR NEW WORK" due on 26.11.2018 addressed to Incharge, AKMU, IARI, Pusa, New Delhi- 110012, in a registered A.D. cover so as to reach on or before 26.11.2018 by 1.00 P.M.
6. Tenders must be accompanied by Rs. 50,000.00 (Rupees Fifty Thousand only) as Earnest Money Deposit (EMD) in form of Bank Draft only drawn in favour of Director, IARI payable in New Delhi. Quotations without EMD will be summarily rejected. No interest will be paid on Earnest Money Deposit. EMD of unsuccessful tenderers will be returned in due course of time. If the quotation is accepted and firm fails to undertake the maintenance contract EMD will be forfeit.
7. The Vendors should have the capabilities to handle AMC for all brands and types of hardware and peripherals deployed on IARI LAN. An indicative list is attached which is not exhaustive. Vendor should physically inspect our LAN components and quote to cover all LAN equipments installed.
8. Director, IARI reserves the right to order full or part thereof from the list of item enclosed. The contract for AMC of LAN&FMS and rate contract of LAN components for new connectivity will be given to the same firm. In case of variation in price of new LAN components, the firm having the lowest quote of AMC of LAN&FMS should agree to provide all components at the lowest rate in the comparative list.
9. The quantity given in quotation is approximate which may increase or decrease for which no compensation will be paid.

10. ESSENTIAL ELIGIBILITY CONDITIONS:

Bidders are to provide information on Technical/Pre-qualification requirements upload scan copy with title "Technical/Pre-qualification requirement". Price bid is to be enclosed separately with title "Price bid of AMC of LAN & FMS & RATE CONTRACT FOR NEW WORK". Tenders satisfying the following essential conditions will only be considered for further processing. In absence of the proof of following supportive document the tender will not be considered.

- a) The firm has to attach an undertaking that no Government / undertaking organization have blacklisted the firm for any reason.
- b) The Vendor should preferably be a Company registered in India.
- c) The firm must have a valid ISO certification. (Preference will be given to ISO for IT

- service support)
- d) Bidders should have successfully carried out at least three LAN AMC work of minimum value of Rs. 10.00 Lakhs each, in a single order in an organization having such large infrastructure during last five years. (Certificates of satisfactory service from above three organizations must be closed)
 - e) The firm should have at least three years' experiences in the field of maintenance of such LAN, Routers, Switches and Facility Management Services etc. The annual turnover should not be less than Rs. 5 Crore during consecutive past two years.
 - f) Latest certificates of satisfactory service from the organizations where the vendors are maintaining such LAN and FMS should be attached with tender. The tenderer should have full-fledged office at Delhi.
 - g) The firm has to provide a brief write up on approach and strategy making use of available resources in relation to Network Management and security for mail and web services from external and internal sources. A write up on approach, strategy maintenance and updating of website in tune with the upcoming technologies will be provided by the firm with technical/pre-qualification bid.

11. INSTITUTE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS:

- a) IARI 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 Institute's action.
- b) The acceptance of tender, will rest with Director, IARI who does not bind himself/herself to accept the lowest bid and reserves himself/herself the right to reject any or all the tenders received 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) Canvassing in connection with tenders is illegal and strictly prohibited and the tenders submitted by the bidders, who resort to canvassing, will be rejected.

12. TERMINATION BY DEFAULT:

- a) Institute may, without prejudice to any other remedy for breach of contract, by written notice of default sent to vendor, terminate the Contract in whole or part:
 - i) If the vendor fails to provide service/rectify the fault within the time period specified in the contract or any extension thereof granted by the Institute.
 - ii) If the vendor fails to perform any other obligation (s) under the Contract.
- b) In the event the Institute terminates the Contract in whole or in part, the Institute may procure, upon such terms and in such manner, as it deems appropriate, services similar to those undelivered for any excess costs for such similar services. However, the vendor shall continue the performance of the Contract to the extent not terminated.

13. 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.

14. TAXES AND DUTIES:

Vendor shall be entirely responsible for all taxes, duties, license, fees etc. incurred until delivery of the contracted services to the Institute. No tax or duty will be payable by the Institute unless specified by the vender in the price bid.

15. SECURITY & PAYMENT:

- The successful bidder will have to deposit Security Deposit equal to 10% of the total value of the contract further reduced to the extent of EMD which will be accordingly adjusted and also execute the contract within 30 days from the date of placement of order. If the firm fails to provide services to the satisfaction of the Institute as per the order during contract period, the contract will be cancelled and the Security Deposit will be forfeited or Bank Guarantee revoked. The Security Deposit will be released after completion of the contract to the satisfaction of the Institute. Additional Security money needs to be deposited in case more items are added in the AMC in future.
- The successful tenderer will have to sign an agreement with the Institute on a non-judicial stamp paper of appropriate value before taking over the contract.
- Maintenance charges will be paid on quarterly basis after deduction of penalty after completion of the quarter. The payment shall be released quarterly on satisfactory completion of assigned services. If calculation of penalty was not readily available, then only 80% of the bill amount will be released provisionally. Income Tax and other taxes as per rules will be deducted from the bill as applicable from time to time.

16. PENALTY:

- i. In cases of downtime beyond those stipulated above, penalty will be automatically deducted from the quarterly payable amount.
- ii. The firm will respond to a site visit and commence repair work on the equipment within 24 hours of being notified of equipment malfunction. The firm will ensure making the faulty system usable within maximum 48 hours from the time complaint is lodged. If the equipment is beyond repair at the Institute, the firm will provide standby equipment.
- iii. In case the agency fails to provide any service listed above, there would be a minimum penalty of Rs. 1000/- per day for the each service affected. If the engineer fails to report to I/c Network Centre then in addition to penalty an additional amount per day (calculated on the basis of formula mentioned at viii under 22.1 on page 11) will be deducted from the quarterly payment of the company as well.
- iv. If the firm fails in execution and successful completion of the new orders as approved in this contract within given stipulated time (10 working days for order upto Rs. One Lakh and 20 working days for orders more than Rs. One Lakh), a penalty @ 2 % of the bill value per week upto maximum 10% per order will be deducted from his quarterly bill.
- v. Penalty to be imposed will be subject to a maximum of total value of the contract. In case of the gross negligence and downtime, security deposited by the firm can be forfeited besides immediate cancellation of the contract.
- vi. In case of intermittent failure and repeated failure the system will be considered continuously down and down time penalty clause will apply accordingly.
- vii. The specification/number given in the list (Point 19) are broad ones and there could be some variation in the specification/brand/make/model. The quantity may also vary.
- viii. The items in the list (Point 19) include components installed at various locations in the IARI Campus. There may be some items that may be under warranty at the time of contract but after their warranty period is over, during this contract period, are to be maintained by the firm.

Note: Documentary evidence is required to establish the eligibility requirements for the conditions mentioned in TECHNICAL BID

17. EVALUATION CRITERIA :

- a) Total Number of Bids received will be announced to bidders during Bid Opening time.
- b) Technical and financial Bid will be opened by Designated Evaluation Committee in presence of bidders.
- c) Technical Bid will be opened first Only Bidders who qualify Technical Bid will be considered for financial Bid and only their financial bid will be opened Financial Bid of the unqualified bidders in Technical Bid will not be opened.
- d) Price quoted in financial bid will be announced to bidders.
- e) Evaluation committee will evaluate the Technical and Financial Bid and submit their reports to the competent authority.
- f) On the approved of Competent Authority Lowest one (L-1) bidder name will be declared.

18. SCOPE OF SERVICE:

- i. The solution for the below mentioned services need not be based on available resources at the Institute. Bidder is free to use additional hardware and legal software compatible with the existing system to provide the solution during the AMC period as stated above. The details of this, has to be provided in the strategy write-up of the tender.
- ii. The firm shall depute at least **five** of its qualified graduate service engineers during working hours (08:30 AM – 06.00 PM) from Monday to Saturday in the Institute for attending day-to-day complaints. In the event of service required after above hours or on holidays the firm should be prepared to provide services with no extra charges. In case of any disaster/an unforeseen situation, the firm may be asked to depute others from their organization to sort out the problem. The resident Engineers should be qualified graduate engineer from recognized Institutions in Computer science/technology with minimum of two (2) years“ experience. **The engineers so deputed must have their own vehicles, mobile phones and necessary tools like cable tester, crimping/punching machines etc.**
- iii. Out of **Five** resident Engineers, there will be one Linux Professional Engineer (RHEL Certified latest) with proficiency in Web Server (Cpanel installation), mail server (qmail, zimbra etc.), DNS server etc and he should also have the knowledge of Windows Server. **Second** Engineer should have all the qualifications of the first engineer with additional specialization in server security. **Third** Engineer should be a Web Designer Professional with experience in HTML/XML/PHP/ Dreamweaver/ Adobe Photoshop/Flash/Corel Draw and especially in Joomla, Drupal etc. and must be stationed at Network Centre, IARI. **Fourth and Fifth** Engineers must be **Cisco Certified Network Engineers**. The Engineers deputed at IARI have to submit attested copied of qualification and experience to Institute. The engineers will be given leave or relieved only if equally qualified engineers are sent by the firm as reliever.

18.1.Details of AMC for Local Area Network

- i. Each complaint must be attended and fixed on same day within working hours. If the component needs time for repairing or replacement then an alternate temporary arrangement must be made by the company.
- ii. Where the parts/components have failed/damaged or gone into disuse due to any reason, replacement of those parts/components shall be provided free of cost by the firm within 24 hours of the call.
- iii. Where any items/parts/components need replacement, the same shall be replaced with same make, specification and brand of items/component/part. In case the brand/model has become obsolete, the same shall be replaced with superior quality of the items/parts/components and must carry at least one year warranty.
- iv. This office will take no responsibility towards erratic power problems relating to the Electricity Boards or any other default situation of the nature beyond its control that may cause the equipment tomal function.
- v. In case of pending/high workload, the firm will depute additional engineers to clear the backlog to maintain the uptime of the computer/network
- vi. The details of resident engineers posted at IARI should be provided in advance with duty schedule to the Network Centre. No resident engineer should be relived of duties without prior notice of at least one week to Incharge of the Network Centre. No resident engineer will leave or avail leave till the reliever reports for duty.

- vii. All the resident engineers should carry and display the identity card with photograph provided by the vendor. No Resident engineer will be allowed to enter IARI sites without proper identity cards as above.
- viii. The resident engineers should report to duty on time and late attendance will be marked as absent, and amount equivalent to 1/total no. of Resident Engineers*1/365*total value of AMC for network maintenance will be deducted from the AMC bill.
- ix. A register will be maintained by the resident engineer of the firm for booking the complaints and to keep record of the uptime of the system. Use of software for this purpose will be preferred. A complaint/call register will be maintained by the vendor.
- x. In case an equipment/machine is being taken for servicing to service centre, the firm will provide a stand by equipment and will take prior permission of the Incharge Network Centre before taking the equipment out. Cost of transportation and insurance of equipment will be borne by the firm.
- xi. The firm shall maintain all the machines satisfactorily till the end of the AMC tenure and handover all inventory in good working condition to the next vendor, in case the AMC is not extended or is terminated.
- xii. The selected firm will not involve third party in implementation of service.
- xiii. The vendor has to always maintain at least following parts as standby: Media Convertors (5), SFP Optical Modula MM (2), SFP Optical Module SM (2), 8-port switches (5), 16-port switches (2), 24-port switches (3), 1m patch cord (10), 3 m patch cord (10), ST SC OFC patch cords (3), one bundle UTP Cable, RJ 45 connectors (200), I/O (5), I for RJ Connectors (10) etc. A room would be provided to the engineer to stock the above inventory.
- xiv. **The tenderer will submit a monthly report to the Incharge Network Centre, stating the complete list and status of well-being of the network system falling which the bill will not be considered for processing. The tenderer has to attend the quarterly review meeting called by Incharge Network Centre.**
- xv. **Interested agencies may visit the site, if desired before quoting the rates for AMC.**
- xvi. All LAN equipments on the present network will be covered under this AMC. As the AMC is of comprehensive nature, this includes maintenance /repair/replacement of existing fiber cable/ switches/media converters/UTP/fiber patch cord/UTP patch cord etc. with same or equivalent brand located throughout the campus.
- xvii. **The firm has to give the complete Network Audit Report and compiled list of nodes on LAN with hardware / IP address, users, location etc. and to provide the same to In- charge Network Centre within the first month of the contract failing which a penalty of Rs.10,000/- can be imposed or the contract may be liable to be cancelled.**
- xviii. The firm has to ensure uninterrupted connectivity of LAN in all Divisions till end users. It includes installation of ethernet card drivers, monitoring of the Optical Fiber/UTP Segment from time to time to check proper connectivity, crimping of connectors, configuring and assigning of IP address for all nodes under the campus network.
- xix. The firm will undertake cable laying activities as and when required by different departments to extend network connectivity at our request based on accepted rate contract.
- xx. The firm will ensure that all users are directly connected to the campus network and are able to send and receive mails, browse the internet, share files through networking.
- xxi. Resident engineer posted at Network Centre will not be spared for new connectivity

which will be considered as a fresh order.

18.2.Details of AMC for Facility Management Services

The firm has to do following:

- i. The firm must give a clear commitment and plan of action to implement the approach and strategy on all Network Services, as indicated in the essential requirements.
- ii. Service engineer should look after the system/network administration and capable to work on UNIX, Linux and Windows based servers, Routers, Firewalls (both software and hardware based), Leased lines, Server Administration and Web site administration and application deployment. DNS, DHCP, LDAP, Proxy, Web, Mail, Libsys, &ERL servers etc. (Servers are on Linux and Windows platform). The firm must ensure that in case the Service engineer provided by the company is unable to solve/troubleshoot any of the problem the firm will provide full technical support to resolve/troubleshoot the problem.
- iii. The wireless network needs to be properly configured for hot spots and prevent unauthorized use.
- iv. Management of databases including user database and login database with 32/64 bit server architectures
- v. To identify and resolve LAN / Internet faults and to keep ready disaster management plans to upkeep the important servers
- vi. To monitor and maintain the logs of the hits, server uptime charts, server backup and intrusion detection on the webserver.
- vii. Create and monitor Virtual LANs, Working Domains for effective use of network services
- viii. Technical support in video conferencing as and when required.
- ix. Supporting and managing mailing services both of web mail and configure outlook express on multiple platforms like Sun and Windows
- x. Security solution against the existing and all future external threats to the entire network including web and mail services and implement it as part of the contract.
- xi. Control access to and from the Institute network clients; intrusion detection with logging; should protect against external intrusions, hacking, denial of service, port scanning and spoofing attacks;
- xii. Secure support for Internet services; support URL filtering and packet screening: and demilitarized zone for webserver.
- xiii. Protection for mail, http, ftp and other traffic from Spam, worms, Trojans, viruses and malicious java, active X, java script or other codes.
- xiv. During the contract period IARI IP address should not to be blocked /shared by anyone.
- xv. Design, Development, Management and Maintenance of Institute's website
- xvi. Provide technical support and liaison with web developers in improving the Institute's Website.
- xvii. Provide solutions and implementation of discussion groups, mass mailing, e-news, online databases applications, e-Learning, and related services etc. using open source
- xviii. Provide support in establishing web based knowledge management portals
- xix. They have to take Periodic Backups of Systems and Databases using CD-Writer /Tape Drive and to ascertain network connectivity, data transaction and Internet availability from Network Centre to all the Divisional nodes connected in the LAN.

19. DETAILS OF IARI LOCAL AREANETWORK

SN	Description	Quantity
1.	Fiber Optic Cable	30 Km
2.	I/O with back box	700
3.	CISCO Core Switch 4500 with modules	1 + 1
4.	CISCO Distribution Switches (3750X 12port 10G SFP) IP Based + modules	5
5.	CISCO Edge Switches (Catalyst 2960X 24 port Giga with 4 SFP) + modules	48
6.	CISCO Edge Switches (Catalyst 2960 24 port POE Giga with 4 SFP) + modules	10
7.	CISCO Supervisor Engine 8E	2
8.	24- Port Switch (D-Link / Netgear / HP / Digisol etc)	90
9.	16 - Port Switch(D-Link / Netgear /Digisol/HP etc)	45
10.	8 - Port Switch(D-Link / Netgear /Digisol/HP etc)	90
11.	Rack 12 U with accessories	4
12.	Rack 9 U with accessories	30
13.	Rack 6U with accessories	20
14.	Rack 4U with accessories	40
15.	Jack Panel (24 P)	90
16.	LIU Box	45
17.	Media Converter (SM / MM, 10/100,)	20
18.	Media Converter (SM / MM, 1000)	10
19.	Fiber Optic Module	150
20.	Fiber Patch Cord	150
21.	Wi-Fi Access Points CISCO Air -CAP 1602 I - N - K9)	85
22.	Wi-Fi controller 5508 CISCO	1
23.	Wi-Fi- Access Points Wavion WBS 2400 Outdoor	8
24.	Wi-Fi Access Points D-Link / Netgear / Planet etc	50

ASSISTANT ADMINISTRATIVE OFFICER
AKMU, IARI, New Delhi-110042

Tender for Annual Maintenance Contract (AMC) for Local Area Network & Facility Management Services at IARI, New Delhi

**PART-A
(TECHNICAL/ PRE QUALIFICATION BID)**

(Please provide the following details along with documentary proof of the supporting documents as asked in eligibility criteria, without which the tender will not be considered. In case sufficient space is not available, use separate sheets)

**SCHEDULE: Last Date of Receipt of Tender: 26th November, 2018 upto 1.00 P.M.
Date & Time of Opening of Tender: 26th November, 2018 at 2.30 P.M.
(Technical/ Pre-qualification bid only)**

1. Company Name & Address :
2. Is the EMD of Rs. 50,000/- enclosed : Yes/No
If yes give details .
D.D.No..... Dated..... for Rs. 50,000/-
3. Company profile :
4. Service Tax Regn. No. :
5. Service Tax Paid in the year 2012-13:
6. Income Tax PAN No. :
7. Total Income Tax paid in the year 2012-13 :
8. Company Status (Prop./Pvt./Ltd.) :
9. Name of organizations and value of AMC
(as per clause iv of Para 11)
10. Annual turnover in the year
2013-14:
2014-15:
2015-16:
2016-17:
2017-18:
11. Registration details in State/Central Govt. :
12. No. of Engineers & Technicians in the firm:

- 13 What is the Infrastructure and spares support Programme:
- 14 List of clients along with their contact names, telephone numbers and address(tender will not be considered without this information):
- 15 Present total number of such AMC's being serviced:
- 16 Are you authorized service provider of any reputed Company:
(If yes, please give details and enclosed copy of authorization)
- 17 Address of Workshop
- 18 Facility available for servicing
- i) Spares available
 - ii) Test equipment
 - iii) Test tools(Hardware/software)
 - iv) Any others.
- 19 Is your firm certified with ISO: Yes/No
(If yes, please enclose a copy of certification)
- 20 Have you attached the brief write up on approach and strategy: Yes/No
(If yes, please enclose a copy of write up)
- 21 Has the firm ever been blacklisted by any Government/undertaking organization: Yes/No(If No, enclose the undertaking as asked in para-11)
- 22 Any other Information

Certified that the above information is correct and the firm is willing to accept all the terms and conditions of the tender document.

SIGNATURE

NAME

ADDRESS

PHONE NO.....

FAX NO.....

SEAL

(PART-B)
Tender for Annual Maintenance Contract (AMC) for Local Area Network & Facility Management Services at IARI, New Delhi

(PRICE BID)

(To be submitted on the letter head of the bidder and enclose in a separate envelope titled “PRICE BID”)

SCHEDULE: **Last Date of Receipt of Tender: 26th October 2018 at 1:00PM**
Date & Time of Opening of Tender: 26th October 2018 at 2.30 P.M.
(Technical/ Pre-qualification bid only)

Name and Address of the Firm quoting the rates:

1. Price for Comprehensive AMC of Local Area Network (LAN) & Facility Management Services

SN	Name of the Service for which Price is to be quoted	Rate per year (Rs.)	Total Amount for two years (Rs.)
1.	Comprehensive AMC of Local Area Network (LAN) & Facility Management Services (Point 18, 18.1, 18.2 and 19 of Tender Document)		

2. Price for active and passive components for new connectivity

SN	Description	Make & Model	Unit	Price (Rs.)
1	Switch 8-port 10/100/1000Mbps Auto sensing	Planet / Digisol	-do-	
		D-link/	-do-	
2	Switch 16-port 10/100/1000Mbps Auto sensing	Cisco	-do-	
		D-link /	-do-	

3	Switch 24-port 10/100/1000Mbps Auto sensing	Cisco	-do-	
		HP	-do-	
4	Switch 24-port 10/100/1000 Mbps (manageable, POE) L-2	Cisco	-do-	
		HP	-do-	
		D-Link /Planet	-do-	
5	Switch 24-port 10/100/1000 Mbps (manageable, POE) L-2 with Fiber support	Cisco	-do-	
		HP	-do-	
		D-Link / Planet	-do-	
6	Switch 16-port 10/100/1000Mbps (manageable) L-3 with Fiber support	Cisco	-do-	
		HP	-do-	
		d-Link/Planet	-do-	
7	Switch 24-port 10/100/1000Mbps (manageable) L-3 with Fiber support	Cisco	-do-	
		HP	-do-	

		D-Link /Planet	-do-	
8	SFP Optical module MM	Cisco	-do-	
		HP	-do-	
		D-Link / Planet	-do-	
9	SFP Optical module SM	Cisco	-do-	
		HP	-do-	
		D-Link / Planet	-do-	
Passive Components				
10	AC & DC Power adapters for switches	ISI mark	Per piece	
11	Media Converter 10/100 Mbps (Multi Mode)	D-link	-do-	
		Schneider	-do-	
		Planet	-do-	
12	Media Converter 10/100/1000 Mbps (Multi Mode)	Schneider	-do-	
		D-Link	-do-	
		Planet	-do-	
13	Media Converter 10/100 Mbps (Single Mode)	Schneider	-do-	
		D-Link	-do-	
		Planet	-do-	
14	Media Converter 10/100/1000 Mbps (Single Mode)	Schneider	-do-	
		D-Link	-do-	
		Planet	-do-	
15	Cat 5 Enhanced UTP Cables	Amp	Per meters	
		Schneider	Per meters	

		D-Link	Per meters	
16	Cat 6 UTP Cables	Amp	-do-	
		Schneider	-do-	
		D-Link	-do-	
17	Information Outlet (with installation)	D-Link	Per piece	
		Schneider	Per piece	
		Amp	Per piece	
18	RJ-45 / I	D-link	-do-	
		Schneider	-do-	
		Amp	-do-	
19	Patch panel 16 Port (Including installation and termination of UTP)	D-Link	-do-	
		Schneider	-do-	
		Amp	-do-	
20	Patch panel 24 Port (Including installation and termination of UTP)	D-link	-do-	
		Schneider	-do-	
		Amp	-do-	
21	Wall Mountable Rack 4U (with installation)	Valrack	-do-	
		President	-do-	
		Comrack	-do-	
22	Wall Mountable Rack 6U (with installation)	Valrack	-do-	
		President	-do-	
		Comrack	-do-	
23	Wall Mountable Rack 9U (with installation)	Valrack	-do-	
		President	-do-	
		Comrack	-do-	
24	Wall Mountable Rack 12U (with installation)	Valrack/	-do-	
		President	-do-	
		Comrack	-do-	
25	Floor Rack 27 U with fan (with installation)	Valrack/	-do-	
		President	-do-	
		Comrack	-do-	
26	NIC 10/100 MBPS	HP/	-do-	
		TP-Link	-do-	
		D-Link	-do-	

27	NIC 10/100/1000 MBPS	HP	-do-	
			-do-	
		TP-Link	-do-	
			-do-	
28	OFC 2 core MM	AMP	Per meter	

		Krone	Per meter	
		Schneider	Per meter	
29	OFC 4/6 core MM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
30	OFC 12 core MM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
31	OFC 2 core SM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
32	OFC 4/6 core SM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
33	OFC 12 core SM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
34	OFC 2 core (Flexible) MM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
35	OFC 2 core (Flexible) SM	AMP	-do-	
		Schneider	-do-	
		Krone	-do-	
36	Patch Cords(UTP)1m	Amp	Per piece	
		Schneider	Per piece	
		D-Link	Per piece	
37	Patch Cords(UTP)2m	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
38	Patch Cords(UTP)3m	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
39	Patch Cords(OFC)1m MM	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
40	Patch Cords(OFC)2m MM	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
41	Patch Cords(OFC)3m MM	Systmax	-do-	

		Schneider	-do-	
		D-Link	-do-	
42	Patch Cords(OFC)1m SM	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
43	Patch Cords(OFC)2m SM	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
44	Patch Cords(OFC)3m SM	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
45	OFC Connectors	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
46	Couplers	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	
47	PVC pipe for fiber or UTP conduit/ baton 20 mm (per meter) (with installation)	ISI mark	-do-	
48	PVC pipe for fiber or UTP conduit/ baton 32 mm (per meter) (with installation)	ISI mark	-do-	
49	PVC pipe for fiber or UTP conduit/ baton 40 mm (per meter) (with installation)	ISI mark	-do-	
50	Aluminium channel (per meter) 15x15 mm (with installation)	ISI mark	-do-	
51	Aluminium channel (per meter) 30x25 mm (with installation)	ISI mark	-do-	
52	Aluminium channel (per meter) 45x25 mm (with installation)	ISI mark		
53	GI pipe for fiber or UTP 1" diameter	ISI mark	-do-	
	2" diameter	ISI mark	-do-	
	3" diameter	ISI mark	-do-	
54	HDC pipe for fiber	ISI mark	-do-	
55	LIU Box (fully loaded) rack mount (with installation)		-do-	
56	Splicing box kept under the earth after splicing		-do-	

57	Splicing of OFC (per core)		-no-	
58	Excavation and resurfacing of soft soil per meter length/1 meter depth		Per meter	
59	Excavation and resurfacing of hard soil per meter length/1 meter depth		-do-	
60	Excavation under road crossing (horizontal digging) at 1 mtr depth		-do-	
61	Chiseling work for laying of Conduit and resurfacing.			
62	Trenchless laying of OFC (Machine operated underground digging at depth of. min. 1.6 m .excluding cost o HD Pipe and OFC)		Per meter	
63	Installation charges for Rack			
64	Installation charges for I/O			
65	Installation charges for Patch Panel			
66	Labor Charges for Structural cabling in conduit/ battens with cable route survey and detailed cable route diagram, termination of cables with labels and marking as per approved labeling plan and documentation. (Conduit / Battens are to be installed) (Per meter structure).		-do-	
67.	Labor Charges for Structural cabling in conduit/ battens with cable route survey and detailed cable route diagram, termination of cables with labels and marking as per approved labeling plan and documentation. (Conduit / Battens already installed) (Per meter structure).		-do-	
68	Steel wire to support hanging UTP Cable		Per meter	
69	Labor Charges for laying of UTP Cables (hanging / Loose / Single)		Per meter	
70	OFC Termination		Per core	

71	Fault detection and restoration of fiber connectivity. This includes digging, OTDR, splicing, splice box for OFC		Per fault	
----	--	--	-----------	--

	(Bundled job)			
72.	Cable pulling pit made with reinforced concrete and brick walls with removable covers.		Per pit	
73.	OFC Route Markers (Concrete)		Per marker	
74	1000BASE-LX/LH SFP transceiver module MMF/SMF 1310nm DOM GLC-LH-SMD=	CISCO	Nos.	
75	Catalyst 2960-X 24 GigE 4 x 1G SFP LAN Base WS-C2960X-24TS-L	CISCO	Nos.	
76	802.11a/g/nCtrlr-based AP Int Ant N Reg Domain with power injector and accessories	CISCO	Nos.	
77	USB Wi-fi Dongle	D-Link/Netgear/	Nos.	
78.	Wi-fi Repeater DAP 1360	D-Link	Nos.	
79	CISCO Distribution Switches (3750X12port 10G SFP) IP Based	CISCO	Nos.	
80	Fiber Cable Termination Pigtails	Systmax	-do-	
		Schneider	-do-	
		D-Link	-do-	

In case the firm does not quote for all items with complete make and models as per given format, the tender will be rejected. Tax (if any) must be clearly mentioned otherwise it will be assumed that rates are inclusive of all taxes.

Information Outlet: Face plate with high impact plastic body, spring shuttered front access having flush mountable or surface back frame.

Patch Panel: 24 Port Jack panel with metal frame having 1.6 mm mild steel chassis 19"x6.10" rack mount frame 1 U Fully powder coated and RJ 45 UTP module, unshielded RJ-45 port jack.

Rack: Racks should have steel/aluminum body; powder coated, with front glass door

equipped with lock and key, wire managers, AC distribution box with 6 port 5 pin amp socket, hardware front panel and cooling fans with fan tray.

Labor charge: Labor charge for laying of UTP cable will be given for per meter of pipe or conduit, irrespective of no of cables laid through the pipe.

Structured Cabling: The firm should follow all parameters while implementing Structured cabling.

In case any of the empanelled items becomes obsolete and if the empanelled Vendor(s) want to offer a new item/model of same make and same or higher specifications, which was not offered for evaluation, the same should be offered to AKMU for evaluation with full configuration before acceptance of purchase order. The vendor should provide detailed technical documents and technical man power support so as to enable AKMU to carry out the evaluation process again on the new item. The decision arrived at by AKMU will be final and binding on the vendor. All empanel led vendors will have to enter into a written agreement with IARI for honoring all aspects of fair trade practices in executing the Work orders.

If the name of the product is changed, the renamed product should be equivalent or superior in technical specifications of empanelled item duly approved by AKMU. In case of empanelled Vendor is found in breach of any condition(s) of tender or supply order, at any stage during the course of supply / installation or warranty period, the legal action as per rules/laws, shall be initiated against the Vendor and EMD/Security Deposits shall be forfeited, besides debarring and blacklisting the Vendor concerned for at least three years, for further dealings with IARI.

The Vendor should not assign or sublet the empanelment or any part or it to any other vendor in any form.

SIGNATURE

.....

NAME

.....

ADDRESS

.....

PHONE

NO.....

FAX NO.....

SEAL