

**COM(106)/AMC-Servers/50/17/NCRB**  
**Government of India**  
**Ministry of Home Affairs**  
**National Crime Records Bureau**

**Date: 30 November, 2017**

**NOTICE INVITING QUOTATION**

Sealed quotations are invited from reputed vendors for **Comprehensive Annual Maintenance Contract (CAMC) of high-end server machines and local area network along with software service support.**

**(A) BIDDING PROCEDURE:**

1. Quotations are invited in two Bid systems, (1) Technical and (2) Commercial. Quotations for **Technical and Financial bids** should be sealed separately and enclosed in single sealed envelope clearly indicating “Quotations for servers and LAN along with software service support” and addressed to Director, NCRB, NH-8, Mahipalpur, New Delhi-37. The financial bid of CAMC should be sealed separately.
2. Sealed quotations shall be received not later than **15:30 hrs. on December 21, 2017**. No Bids will be accepted after this date & time under any circumstances. This office will not be responsible for any postal/courier delay and also for reasons beyond the control of this office.
3. The offer should be valid for the acceptance for the period of at least 180 days from the last date of submission of tender. Rates quoted should be free from any preconditions regarding payments etc., or otherwise offers are liable to be rejected, without assigning any reason.
4. Technical Bids must contain the EMD for specified amount, along with complete technical details as desired by this tender.
5. The duly filled bids should be, enclosed in a common cover along with EMD (refundable) either by Bank Draft or Pay Order in the name of the “**AO, PAO, DCPW**” payable at New Delhi of **Rs.25,000/- (Rupees Twenty Five Thousand only)**. Technical bid without EMD will be summarily rejected except those who are registered with the Central Purchase Organization, National Small Industries Corporation (NSIC) or the concerned Ministry or Department
6. No claim shall lie against the Government / Department in respect of erosion in the value or interest on the amount of earnest money deposit or security deposit with the Bureau.
7. First technical bids of all the tender will be opened. Technical Bids without EMD will be summarily rejected.
8. Commercial Bid of only successful Technical Bids will be opened on pre scheduled date, time & venue.
9. All bids must be delivered to the Data Centre and Technical Branch, National Crime Records Bureau, NH-8, Mahipalpur, New Delhi-37.

10. Financial bids must be submitted as per format of Annexure – I (List of equipment cum financial bids proforma).

**(B) DESCRIPTION / SCOPE OF WORK:**

1. This Bureau is having high end servers, security components like Firewall, Router, IPS etc. and approximately 300 clients, which are connected to the LAN. The clients are connected to the LAN under Windows / Linux / Solaris environment and utilize the Microsoft software at OS & RDBMS level / various open source RDBMS and other proprietary backup software.
2. The **Comprehensive Annual Maintenance Contract (CAMC)** will cover maintenance of hardware items (excluding client end) **as per details at annexure-I** along with OS support, System / network administration, integration, software installation (required software will be provided by NCRB), configuration, creation of Active Directory, database installation & administration, installation & configuration of exchange server, backup / restoration and availability of various services (like clustering, load balancing, replication of database between NCRB and NIC etc.) for **one year** from the date of awarding the contract.
3. Depending on satisfactory services, NCRB reserves the right to extend the CAMC terms beyond one year i.e. if successful bidder offers to extend the CAMC terms beyond one year / for a quarter / any other period for a maximum of 1 year, on the same terms & conditions and same competitive CAMC rates as per successful bids.
4. NCRB servers are protected from outside/inside malicious users. However, whenever required the selected vendor has to diagnose the external/internal security threats, risk, vulnerable ports, routes and protect the NCRB network and its resources from any external/internal threat & vulnerabilities. Protecting NCRB network may require configuring of Firewall, Router and Switches etc. to protect the server machines kept in DMZ and to connect the NCRB network with other external agency like BSNL, NIC etc. Selected vendor has to extend service support to smoothly run the e-mail, Internet and database services.
5. Conducting unscheduled corrective and remedial maintenance / repair including supply and replacement of defective or unserviceable parts or components of these equipment.
6. CAMC includes essential servicing and repairs / fixing / replacement of all the electrical / electronic and mechanical components of the items put under CAMC. Therefore, the firm shall bear cost of all spare parts of related items or any other item necessary for proper operation of the original equipment. CAMC includes items even if it is burnt or damaged due to power fluctuation. No extra charges would be payable by this Bureau.
7. The network engineer deputed on site should be able to install networking racks / switches / cables from one location to another and also to install passive cabling as on some occasions the deputed engineer may be required to perform such jobs as per requirement within the premises. Further, required patch panel, CAT6 cables, connectors etc, if required for such shifting, will also be provided by CAMC vendor. Decision of NCRB in this regard would be binding on the CAMC vendor.

8. The Bureau shall have the right, within reason, to have any personnel removed who is considered to be undesirable or otherwise and similarly the contractor has no right to remove any deputed personnel at site without prior approval of the Bureau, however, emergencies exempted.
9. The contractor shall also cover insurance for its personnel for personal accident, injury including death whilst performing the duties and the Bureau shall own no liability and obligation in this regard.
10. The items under CAMC are located at both the locations i.e. NCRB, East Block – 7, R.K. Puram as well as at Bureau's Mahipalpur office (NH-8, near SSB). However, items under CAMC located at Bureau's R.K. Puram office will be shifted to Bureau's Mahipalpur office shortly. The successful bidder will have to dismantle the CAMC items (which include various devices like Servers, switches, racks etc.) from R.K. Puram office and also install the same at Bureau's Mahipalpur office. For this activity, no extra charges would be paid by the Bureau. However, transportation will be arranged by the Bureau, itself.
11. The engineer deputed on site should also be able to perform following tasks – Provide system administration, integration, maintenance and user support on all supported servers and data storage systems, Install configure and maintain Windows & Linux Servers, RDBMS and clustering services, helping in database backup and recoveries, manage and monitor server configuration, performance and activity of all servers, handle all aspects of server backup programs including running data restores as required, diagnose server services and operational problems and to develop effective solutions, maintain data integrity and security of server software, monitor server software products and tracks server performance, providing assistance in data replication and other related activities.

### **(C) ELIGIBILITY CONDITIONS FOR BIDDER:**

1. The firm should be in existence **for over 5 years** in the trade with Annual Maintenance Contracts preferably in system integration, managing and providing support for Servers / Desktops, software and peripherals worth **more than Rs. 50 Lakhs** per annum during the last 2 years ending 31st March, 2017.
2. Audited balance sheet for last three years showing that the bidder has a minimum per annum turnover of at least Rs. 10 Crore should be enclosed.
3. The bidder should be an authorized service provider / business partner for at least one of the major IT vendors, like HP, HCL, Lenovo, Dell, IBM, Intel, Fujitsu etc.
4. The bidder should have Cisco certified professionals for maintaining the services of network, e-mail, data integrity and security of NCRB servers.
5. The bidder should enclose **at least three documents** regarding **execution of work** done especially Server/Network and AMC in Government Sector.
6. The bidder should provide details of his major projects of similar kind of work undertaken in recent past as per the enclosed formats of technical bid. (Annexure – II & III).
7. The bidding firms should have their own Branches/ offices in NCT of Delhi.
8. The maintenance / repair work should be carried out at the NCRB Office premises only.

9. The bidder should be able to supply original spare parts of Server/Network components.
10. The bidder should have their own test and repair facility with certified engineers.
11. A copy of the GST number as well as the PAN number of the firm should be submitted.
12. The firm should submit an undertaking (Annexure – IV) that it has not been barred or blacklisted by any of the Central / State Government / Departments / Organization / Central or State PSU.
13. Successful bidder will have to sign an agreement with NCRB on a Rs. 100/- stamp paper as per the format provided by NCRB. Bidder shall bear the cost of stamp paper.
14. On completion of the contract period, the firm will have to hand over all the equipment under CAMC in perfect working condition to NCRB, failing which the amount spent on setting the equipment repaired / in working condition from the open market will be deducted from the security deposit / bill amount of the firm.
15. Director, NCRB reserves the right to reject or accept any tender document without assigning any reason and does not bind himself to accept the lowest or any tender.
16. The equipment are located at NCRB East Block-7 and NCRB, NH-8, Mahipalpur New Delhi and can be inspected during any working day between 2.00 pm to 5.00 pm with prior appointment to JAD(DCT). The details are also available on NCRB website <http://ncrb.nic.in>.

**(D) PAYMENT TERMS & CONDITIONS:**

1. Payment of the CAMC will be made from the effective date of CAMC mutually agreed upon.
2. Successful bidder will have to deposit a performance linked irrevocable Bank Guarantee equivalent to 10% of the total bid amount including taxes prevailing at the time of agreement. Validity of the bid should cover entire CAMC period plus three months beyond that period w.e.f. signing the CAMC contract with NCRB.
3. The Bureau at its discretion may exclude any item from CAMC at any time without assigning any reason and payment will be made accordingly **on pro-rata basis**. Thus, the actual amount will depend on number of items covered under CAMC, during that period.
4. Payment of the CAMC charges will be made on quarterly basis only after completion of each quarter and after deducting penalty amount, if any. The fee payable towards CAMC shall not be paid in advance. Taxes etc., if any, levied shall be deducted at source.
5. The Bureau shall have right to withhold any of the payments in full or in part subject to recovery of penalties and other dues, if any.
6. If at any time during CAMC period, it is observed that the services provided by the vendor are not satisfactory, the contract may be terminated by Director, NCRB or its nominated representative by giving 30 days' notice. **Any pending payment will not be paid if the agreement is terminated due to this reason.**

**(E) PENALTY CLAUSE:**

1. Two resident engineer shall be available in NCRB on six days in a week for maintaining all applications/database/services running in NCRB and rectifying the hardware/network/database problem, if any. Resident engineer will sign daily in attendance register for records purpose. However, NCRB reserves the right to depute resident engineers for network maintenance in shifts also and even on weekends / holidays. If the engineer does not turn up and substitute of engineer is not provided on time, then a sum of Rs. 1000/- per day will be deducted from the CAMC amount.
2. The selected firm has to ensure that the problem reported and or equipment fault developed in the items under CAMC is resolved / rectified promptly within a maximum of five working days of reporting the call. If the firm fails to do so, a penalty of Rs. 1000/- per day per complaint will be imposed for each day of delay beyond five working days irrespective of such pending complaints. No request to waive this penalty will be entertained even though the equipment fault is resolved later on. Frequent occurrence of such negligence i.e. failure to resolve the complaints within a maximum of five working days; would also lead to sufficient reason to terminate the CAMC contract from NCRB end.
3. If the engineer does not turn up on the day of complaint or on the next working day, then the condition of five working days will not be entertained and penalty will be calculated from the date of lodging such complaints.
4. The selected firm has to perform timely preventive maintenance of all the Servers & Networking equipment once in a period of three months. Failing to perform preventive maintenance, a penalty of Rs. 5000/- per quarter will be deducted from CAMC payment.
5. In case, if the vendor is not able to repair / replace the faulty equipment, NCRB reserves the right to get it repair / replace at its own level, without intimating the firm. The cost of the same would be deducted from the CAMC amount of the vendor.

**(F) BREACH OF TERMS & CONDITIONS**

In case of breach of any of terms and conditions mentioned above, the competent authority will have the right to cancel the contract without assigning any reason and nothing will be payable by this bureau in that event and the security deposit shall also stand forfeited.

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**TENDER PROFORMA FOR TECHNICAL BID**

1. Name of the Bidder :
2. Type of Firm (Proprietary, Ltd, Pvt. Ltd., PSU, others) (Give Details)
3. Head / Regd. Office address :
  - a) Postal
  - b) Fax No.
  - c) Contact person's Name, Telephone No, e-Mail address
4. Former name of firm (if any)
5. Office address in NCT of Delhi:
  - a) Postal
  - b) Fax No.
  - c) Contact person's Name, Telephone No, e-Mail address
6. Year of establishment in IT sector :
7. Relevant Experience (No. of years)
8. Please enclose copies of:
  - a) Certificate of Registration No.
  - b) PAN/TAN
  - c) GST Registration No.
9. Address of workshop/ service centre (if any)
10. Details of EMD deposited :
  - a) Draft No.
  - b) Bank details :
  - c) Amount :
  - d) Validity :
  - e) payable to :
11. Period of validity of the offer:
12. Have you failed to complete any work awarded to you? Give complete details.
13. Details of Manpower with Qualifications under following categories:

| Hardware Engineer | Software Engineer | Network Engineer |
|-------------------|-------------------|------------------|
|                   |                   |                  |
|                   |                   |                  |
|                   |                   |                  |
|                   |                   |                  |

14. How many projects you were imposed penalties for delay/unsatisfactory performance.
15. Satisfactory service certificates from previous customers.
16. Any Quality certification attained by the firm? (if yes, enclose copy)
17. Whether details of past experience furnished in the required Performa (Annexure-III)

I/We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

Date :

Place :

(Signature of the authorized signatory)

Name

Office seal.

**Details of Comprehensive Annual Maintenance Contracts  
Executed in last three years**

**1. Hardware / Network maintenance support :**

| Sr. No. | Name of Organization | Contract period |    | Value of CAMC | Name of Resident Technical personnel (if any) |
|---------|----------------------|-----------------|----|---------------|---|
|         |                      | From            | To |               |   |
|         |                      |                 |    |               |   |
|         |                      |                 |    |               |   |
|         |                      |                 |    |               |   |

**2. Software installation / functioning support**

| Sr. No. | Name of Organization | Contract period |    | Value of Contract | Name of Resident Technical personnel (if any) |
|---------|----------------------|-----------------|----|-------------------|---|
|         |                      | From            | To |                   |   |
|         |                      |                 |    |                   |   |
|         |                      |                 |    |                   |   |
|         |                      |                 |    |                   |   |

Performance certificate from at least three Govt. organizations /PSU to be enclosed.

Date :

Place :

(Signature of the authorized signatory)  
Name  
Office seal

**UNDERTAKING**

I / We M/s \_\_\_\_\_ hereby undertake that I / We have personally seen all the equipment to be put under CAMC including the ‘Polycom HDX 7002 HD’ VC system & its accessories installed in the Bureau and certify that I / We are in a position to take the CAMC and also supply original spare parts of the equipment under CAMC in case of any fault developed during CAMC. I / We also agrees to the terms & conditions of tender notice no. COM(106)/AMC-SERVERS/50/17/NCRB dated \_\_\_\_\_.

I/ We also undertake that our firm has not been barred or blacklisted by any of the Central / State Government / Departments / Organizations / Central or State PSU.

(Authorized Signature)

Stamp



**List of Equipment to be kept under CAMC**

**Annexure - I**

| <b>S. No.</b>                | <b>Effective date from which equipment will be put under CAMC</b> | <b>Item</b>                | <b>Description</b>           | <b>Make</b> | <b>Model</b>                | <b>Qty.</b> | <b>Unit Rate (Rs.)</b> | <b>Total Cost (in Rs.)</b> |
|------------------------------|---|----------------------------|------------------------------|-------------|-----------------------------|-------------|------------------------|----------------------------|
| <b>Servers / Workstation</b> |   |                            |                              |             |                             |             |                        |                            |
| 1                            | From the date of award of AMC                                     | Backup Server Xeon Machine | HCL Infinite GL              | HCL         | HCL Infinite GL             | 1           |                        |                            |
| 2                            | From the date of award of AMC                                     | MS-DB-Server 102           | HCL (with combo LCD console) | HCL         | Infiniti Global line 2700HC | 1           |                        |                            |
| 3                            | From the date of award of AMC                                     | Proxy Server 103           | HCL                          | HCL         | Infiniti Global line 2700HC | 1           |                        |                            |
| 4                            | From the date of award of AMC                                     | Anti-Virus Server 101      | HCL                          | HCL         | Infiniti Global line 2700HC | 1           |                        |                            |
| 5                            | From the date of award of AMC                                     | Exchange Server            | HCL (with combo LCD console) | HCL         | Infiniti Global line 2700HC | 1           |                        |                            |
| 6                            | From the date of award of AMC                                     | Xeon-6 Core                | HP                           | HP          |                             | 1           |                        |                            |
| 7                            | From the date of award of AMC                                     | Intel Xeon E5-1620         | Dell                         | Dell        |                             | 1           |                        |                            |
| 8                            | From the date of award of AMC                                     | Intel Xeon E5-1620         | Dell                         | Dell        |                             | 1           |                        |                            |
| 9                            | From the date of award of AMC                                     | Intel Xeon E5-1620         | Dell                         | Dell        |                             | 1           |                        |                            |

|                                  |                                      |                           |                           |         |                          |   |  |  |
|----------------------------------|--------------------------------------|---------------------------|---------------------------|---------|--------------------------|---|--|--|
| 10                               | From the date of award of AMC        | Intel Xeon E5-1620        | Dell                      | Dell    |                          | 1 |  |  |
| 11                               | To be put under CAMC w.e.f. 20.12.18 | Fujitsu Primergy Rx2540M1 | Fujitsu Rack Server       | Fujitsu | Primergy Rx2540M1        | 1 |  |  |
| 12                               | To be put under CAMC w.e.f. 20.12.18 | Fujitsu Primergy Rx2540M1 | Fujitsu Rack Server       | Fujitsu | Primergy Rx2540M1        | 1 |  |  |
| 13                               | To be put under CAMC w.e.f. 20.12.18 | Fujitsu Primergy Rx2540M1 | Fujitsu Rack Server       | Fujitsu | Primergy Rx2540M1        | 1 |  |  |
| 14                               | To be put under CAMC w.e.f. 20.12.18 | Fujitsu Primergy Rx2540M1 | Fujitsu Rack Server       | Fujitsu | Primergy Rx2540M1        | 1 |  |  |
| 15                               | To be put under CAMC w.e.f. 20.12.18 | Fujitsu Primergy Rx2540M1 | Fujitsu Rack Server       | Fujitsu | Primergy Rx2540M1        | 1 |  |  |
| <b>KVM Switch</b>                |                                      |                           |                           |         |                          |   |  |  |
| 1                                | From the date of award of AMC        | 8 port KVM Switch         | ATEN CS 9138 Master View  | Aten    | ATEN CS 9138 Master View | 1 |  |  |
| 2                                | From the date of award of AMC        | 8 port KVM Switch         | ATEN CS 9138 Master View  | Aten    | ATEN CS 9138 Master View | 1 |  |  |
| 3                                | From the date of award of AMC        | 8 port KVM Switch         | Databay 8 port KVM Switch | Databay | KV-U00801                | 1 |  |  |
| 4                                | From the date of award of AMC        | 8 port KVM Switch         | 8 Port USB KVM Switch     | NA      | KV-U00801                | 1 |  |  |
| <b>Fiber Optics SAN Switches</b> |                                      |                           |                           |         |                          |   |  |  |

|                         |                                      |                          |                                  |            |                      |   |  |  |
|-------------------------|--------------------------------------|--------------------------|----------------------------------|------------|----------------------|---|--|--|
|                         |                                      |                          |                                  |            |                      |   |  |  |
| 1                       | From the date of award of AMC        | 8 port SAN Switch        | 8 ports                          | Brocade    | Brocade 3250         | 1 |  |  |
| 2                       | From the date of award of AMC        | 8 port SAN Switch        | 8 ports                          | Brocade    | Brocade 3250         | 1 |  |  |
| <b>Routers</b>          |                                      |                          |                                  |            |                      |   |  |  |
| 1                       | From the date of award of AMC        | LVD Router               | Storage Tek Model 3300           | Storagetek | SNFCS03              | 1 |  |  |
| 2                       | From the date of award of AMC        | Router                   | CISCO 1800 Series                | CISCO      | CISCO 1841           | 1 |  |  |
| 3                       | From the date of award of AMC        | Router                   | CISCO 1800 Series                | CISCO      | CISCO 1841           | 1 |  |  |
| 4                       | To be put under CAMC w.e.f. 18.12.18 | CISCO 2900 Series Router | CISCO 2911-Sec/K9                | CISCO      |                      | 1 |  |  |
| <b>Wireless devices</b> |                                      |                          |                                  |            |                      |   |  |  |
| 1                       | From the date of award of AMC        | Linksys E1200            | Wireless Router                  | Linksys    | WAP3205              | 1 |  |  |
| 2                       | From the date of award of AMC        | D-Link                   | Wireless N 300 Router            | D-LINK     | DIR-615              | 1 |  |  |
| 3                       | To be put under CAMC w.e.f. 24.06.18 | D-link                   |                                  | D-LINK     | DAP-2360 Air Premier |   |  |  |
| 4                       | To be put under CAMC w.e.f.          | TP-Link                  | TP-Link 300 Mbps wireless router | TP-Link    | MR-3420              | 1 |  |  |

|                         |                                      |                        |                                  |         |            |   |  |  |
|-------------------------|--------------------------------------|------------------------|----------------------------------|---------|------------|---|--|--|
|                         | 27.10.18                             |                        |                                  |         |            |   |  |  |
| 5                       | From the date of award of AMC        | TP-Link                | TP-Link 300 Mbps wireless router | TP-Link | TL-WR840N  | 1 |  |  |
| 6                       | From the date of award of AMC        | TP-Link                | TP-Link 300 Mbps wireless router | TP-Link | TL-WR840N  | 1 |  |  |
| 7                       | To be put under CAMC w.e.f. 22.01.18 | TP-Link                | TP-Link 300 Mbps wireless router | TP-Link | TL-MR-3420 | 1 |  |  |
| 8                       | To be put under CAMC w.e.f. 22.01.18 | TP-Link                | TP-Link 300 Mbps wireless router | TP-Link | TL-MR-3420 | 1 |  |  |
| <b>Network Switches</b> |                                      |                        |                                  |         |            |   |  |  |
| 1                       | From the date of award of AMC        | CISCO WS-C 3750X-48T-L | Catalyst 3750X 48 Port Switch    | CISCO   | CISCO-3750 | 1 |  |  |
| 2                       | From the date of award of AMC        | D-link DGS 3100-24     | 24 Ports Managed Switch          | D-LINK  |            | 1 |  |  |
| 3                       | From the date of award of AMC        | D-link DGS 3100-24     | 24 Ports Managed Switch          | D-LINK  |            | 1 |  |  |
| 4                       | From the date of award of AMC        | D-Link DES 1016D       | 16 Ports Unmanaged Switch        | D-LINK  |            | 1 |  |  |
| 5                       | From the date of award of AMC        | D-Link DES 1024D       | 24 Ports Unmanaged Switch        | D-LINK  |            | 1 |  |  |

|    |                               |                                     |                       |        |         |   |  |  |
|----|-------------------------------|-------------------------------------|-----------------------|--------|---------|---|--|--|
| 6  | From the date of award of AMC | CISCO 2950-L2                       | CISCO catalyst switch | CISCO  | 2950 L2 | 1 |  |  |
| 7  | From the date of award of AMC | CISCO 2960 L2                       |                       | CISCO  | 2960 L2 | 1 |  |  |
| 8  | From the date of award of AMC | CISCO WS-C2960-24TC-L               | Catalyst Switch       | CISCO  |         | 1 |  |  |
| 9  | From the date of award of AMC | CISCO WS-C2960-24TC-L               | Catalyst Switch       | CISCO  |         | 1 |  |  |
| 10 | From the date of award of AMC | CISCO WS-C2960G-24TC-L              | Catalyst Switch       | CISCO  |         | 1 |  |  |
| 11 | From the date of award of AMC | HCL-24 Ports Managed Routing Switch | HCL 24 Ports          | HCL    | -       | 1 |  |  |
| 12 | From the date of award of AMC | HCL-24 Ports Managed Routing Switch | HCL 24 Ports          | HCL    | -       | 1 |  |  |
| 13 | From the date of award of AMC | HCL-24TM-L2                         |                       | HCL    |         | 1 |  |  |
| 14 | From the date of award of AMC | HCL-24TM-L2                         |                       | HCL    |         | 1 |  |  |
| 15 | From the date of award of AMC | HCL-24TM-L2                         |                       | HCL    |         | 1 |  |  |
| 16 | From the date of award of AMC | HCL-24TM-L2                         |                       | HCL    |         | 1 |  |  |
| 17 | From the date of award of AMC | D-link Managed Switch               | D-link Managed Switch | D-link |         | 1 |  |  |

|                              |                                   |                           |                         |               |                          |   |  |  |
|------------------------------|-----------------------------------|---------------------------|-------------------------|---------------|--------------------------|---|--|--|
| 18                           | From the date of award of AMC     | HCL 24 Ports              |                         | HCL           |                          | 1 |  |  |
| 19                           | From the date of award of AMC     | 3Com-L2                   | 24 Ports                | 3COM          | SUPER STACK 2 SWITCH 610 | 1 |  |  |
| 20                           | From the date of award of AMC     | 3Com-L2                   | 24 Ports                | 3COM          | SUPER STACK 2 SWITCH 610 | 1 |  |  |
| 21                           | From the date of award of AMC     | 3Com-L2                   | 24 Ports                | 3COM          | SUPER STACK 2 SWITCH 610 | 1 |  |  |
| 22                           | From the date of award of AMC     | DAX Switch                |                         | DAX           |                          | 1 |  |  |
| 23                           | From the date of award of AMC     | CISCO WS-C 2960-24TC-L    | Catalyst Switch         | CISCO         | Lan Base Image           | 1 |  |  |
| 24                           | From the date of award of AMC     | CISCO WS-C 2960-24TC-L    | Catalyst Switch         | CISCO         |                          | 1 |  |  |
| 25                           | To be put under CAMC wef 22.01.18 | CISCO WS-C3750X-48-T-S    | Catalyst 3750X 48 Ports | CISCO         | Data IP Base, Smartnet   | 1 |  |  |
| 26                           | To be put under CAMC wef 18.12.18 | CISCO WS-C 2960-24TC-L    | Catalyst Switch         | CISCO         |                          | 1 |  |  |
| <b>UTP Patch Panel</b>       |                                   |                           |                         |               |                          |   |  |  |
| 1                            | From the date of award of AMC     | UTP Patch Panel           | Digilink CAT6 G600      | Digilink      | 24 Ports                 | 2 |  |  |
| <b>Optic Fiber Converter</b> |                                   |                           |                         |               |                          |   |  |  |
| 1                            | From the date of award of AMC     | Network Converter- Others |                         | Anada Telecom | Anada Telecom            | 1 |  |  |

|  |                               |                           |   |         |                 |    |  |  |
|--|-------------------------------|---------------------------|---|---------|-----------------|----|--|--|
| 2  | From the date of award of AMC |                           |   | Other   | MX-M2SC         | 1  |  |  |
| 3  | From the date of award of AMC | Network Converter - Dlink |   | D-LINK  | Dlink           | 1  |  |  |
| 4  | From the date of award of AMC |                           |   | D-LINK  | Dlink           | 1  |  |  |
| 5  | From the date of award of AMC |                           |   | D-LINK  | Dlink           | 1  |  |  |
| 6  | From the date of award of AMC |                           |   | D-LINK  | Dlink DFE-855Mi | 1  |  |  |
| <b>Hubs</b>  |                               |                           |   |         |                 |    |  |  |
| 1  | From the date of award of AMC |                           | Various makes (5 port/8 ports / 12 ports / 16 ports / 24 ports) |         |                 | 20 |  |  |
| <b>VC equipments</b>                                 |                               |                           |   |         |                 |    |  |  |
| 1  | From the date of award of AMC | <b>VC equipments:</b>     | Polycom HDX 7002 HDVC System & its accessories                  | Polycom |                 | 1  |  |  |
| <b>Total Amount (in Rs.)</b>                         |                               |                           |   |         |                 |    |  |  |
| <b>Taxes (if any) * clearly mention tax rates</b>    |                               |                           |   |         |                 |    |  |  |
| <b>Grand Amount (in Rs.) inclusive off all taxes</b> |                               |                           |   |         |                 |    |  |  |