

# **National Institute of Open Schooling (NIOS)**

(An Autonomous Institution under Ministry of Human Resource Development (MHRD), Deptt. of School Education & Literacy, Govt of India)

A-24/25, Sector – 62, Noida – 201309 (U.P)

#### TENDER NOTICE

TENDER FOR SUPPLY, CONFIGURATION AND INSTALLATION OF (1:1) primary 100 MBPS (CLEAN BW) with 1G DDoS MITIGATION BW &secondary 30 Mb INTERNET LEASE LINE CONNECTIVITIES AT NIOS, A-24/25,SECTOR-62, NOIDA.CONNECTIVITY ON FIBER AND INTEGRATION OF THE CONNECTIVITY UPON EXISTING FORTIGATE 800 C UTM DEVICE BEARING SERIAL NUMBER FG800C3913800700, RENEWAL FOR THE SUBSCRIPTION OF THE LICENSES FOR FORTIGATE 800 C FOR ANOTHER 1 YEAR.

The Secretary, National Institute of Open Schooling (NIOS) invites tender for Supply, Configuration and Installation of 100MBPS & 30MB Internet (Clean BW) Lease Line Connectivity at NIOS at A-24/25, Sector-62, NOIDA.

Interested firms can download the tender document from the NIOS website www.nios.ac.in and from CPPP e-Procurement site <a href="https://eprocure.gov.in">https://eprocure.gov.in</a>

Eligible, reputed and experienced Agencies having minimum Five years experiencein this field may apply on the prescribed forms under two bid system (Technical Bid and Financial Bid) in separate sealed cover for both types of bid complete in all respects superscribed as and further put both the envelops in a bigger envelope "TENDER FOR SUPPLY, CONFIGURATION AND INSTALLATION OF (1:1) 100 MBPS & 30 Mb INTERNET (CLEAN BW) LEASE LINE CONNECTIVITY" Technical Bid/Financial Bid addressed to The Secretary, **National** Institute of Open **Schooling** (NIOS) 24/25,InstitutionalArea,Sector - 62, Noida - 201309 (U.P.) and drop the same in the sealed tender box kept for the purpose at NIOS HQ building at Maintenance Section, Room No:204, A-24/25, Institutional Area, Sector – 62, Noida - 201309 (U.P.)

Tender documents received in incomplete shape or beyond the stipulated period (date and time) shall not be entertained under any circumstances. The NIOS reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Earnest Money deposit (EMD) of Rs. 50,000/- (Rupees Fifty Thousand only) in the shape of an Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any Commercial Bank favouring "The Secretary NIOS Payable at NOIDA, UP" must accompanied Technical Bid. The Tender without EMD shall be outrightly rejected.

# **IMPORTANT DATES AND TIME)**

| Published Date   | 26/07/2018 (1.00 PM)                        |
|--|---|
| Bid Document Download / Sale Start<br>Date                             | 26/07/2018 (2.00 PM)                        |
| Clarification Start date & Time  | 27/07/2018(10.00 AM)                        |
| Clarification Closing date & Time                                      | 08/08/2018 (4.00 PM)                        |
| Bid Submission Start Date & Time                                       | 09/08/2018 (10.00 AM)                       |
| Bid Submission End Date & Time   | 09/08/2018 (2.30 PM)                        |
| Bid Opening Date & Time  | 09/08/2018 (3.00 PM)                        |
| Tentative date & time for opening of Financial Bid of eligible Bidders | Date will be intimated by email /over phone |
| Validity of Bid from the date of opening of Technical Bid              | 90 days                                     |

Secretary, NIOS

# NATIONAL INSTITUTE OF OPEN SCHOOLING (An Autonomous organization under the MHRD, Govt. of India)A - 24/25, Sector 62, Noida - 201309 (U.P.)

TENDER FOR SUPPLY, CONFIGURATION AND INSTALLATION OF (1:1) primary 100 MBPS (CLEAN BW) with 1G DDoS MITIGATION BW & secondary 30 Mb INTERNET LEASE LINE CONNECTIVITIES AT NIOS, A-24/25,SECTOR-62, NOIDA. CONNECTIVITY ON FIBER AND INTEGRATION OF THE CONNECTIVITY UPON EXISTING FORTIGATE 800 C UTM DEVICE BEARING SERIAL NUMBER FG800C3913800700, RENEWAL FOR THE SUBSCRIPTION OF THE LICENSES FOR FORTIGATE 800 C FOR ANOTHER 1 YEAR.

| CHAPTERS                 | PARTICULARS               | PAGE NO |
|--------------------------|---------------------------|---------|
| CHAPTER-1                | INSTRUCTIONS TO BIDDERS   | 2       |
| CHAPTER-2                | REQUIREMENT OF TENDER     | 3       |
| CHAPTER-3                | SCOPE OF WORK             | 5       |
| CHAPTER-4                | ELIGIBILITY REQUIREMENT   | 6       |
| CHAPTER-5                | SELECTION PROCESS         | 8       |
| CHAPTER-6                | TECHNICAL BID REQUIREMENT | 10      |
| ANNEXURE'A'              | TECHNICAL BID PROFORMA    | 12      |
| CHAPTER 7 & ANNEXURE-'B' | FINANCIAL BID PROFORMA    | 14      |

#### **CHAPTER-1:** INSTRUCTIONS TOBIDDERS

Sealed tenders are invited from the Internet Service Provider (ISP) for Supply, Configuration & Installation of (1:1) 100 Mbps (Primary) & 30Mb (Backup) Internet Lease Line clean Bandwidth with connection on Fiber upon the locations at A24/25,Sector 62. This includes setting up of last mile connectivity, supply and installation of necessary equipment, along with Supply of (1:1) and renewal for the subscription of the Licenses for Fortigate 800 C bearing serial number FG800C3913800700 for another 1Year

The tender should be submitted by hand on the enclosed prescribed Performa of Technical and Financial bids duly filled and sealed in separate envelops, **superscribed TENDER FOR SUPPLY**, **CONFIGURATION AND INSTALLATION OF (1:1) 100 MBPS(CLEAN BW) &30Mb INTERNET LEASE LINE CONNECTIVITY"** and put together in a big envelop accompanied with requisite EMD of Rs. 50,000/- (Rupees Fifty Thousand only) in the shape of Bank Draft/Pay order in favour of "Secretary", NIOS payable at NOIDA and must put in the sealed tender box meant for the purpose kept in Maintenance Section, NIOS, Room No:204,Second Floor, A 24/25, Sector-62, Noida-201309 (U.P.) on or before the last date mentioned above. Tender received through post shall not been entertained at all.

1. Sealed tenders duly completed in all respect should be addressed to:

The Secretary National Institute of Open Schooling A 24/25, Institutional Area, Sector 62, Noida-201309 (U.P.)

- 2. FIRMS MUST QUOTE RATES ONLY IN THE ENCLOSED FINANCIAL BID PROFORMA APPENDED ATANNEXURE-'B'.
- 3. The Tender document is not transferable and its cost is not refundable under any circumstances.
- 4. The Tender will be valid for 90 days from the last date of submission of the TENDER.
- 5. The Earnest Money Deposit as specified in the document must be in the shape of **Demand Draft/Pay Order only drawn in favour of "The Secretary, National Institute of Open Schooling' payable at NOIDA.**
- 6. The successful tenderer will have to deposit a bank guarantee equivalent to 10% of the total tender value towards security deposit in favour of the Secretary, NIOS for faithful performance of the contract. The successful Bidder has to sign a Service Level Agreement (SLA) regarding the 99.5% uptime and as per NIOSFormat.
- 7. Tender not on the prescribed proforma (attached) without requisite details/EMD and received after the closing date/time of tenders will be summarilyrejected.
- 8. The tenderer will be required to send TWO SEPARATE ENVELOPES, FIRST ENVELOPE CONTAINING DEPOSIT OF EARNEST MONEY, TECHNICAL LITERATURE AND TECHNICAL BID SPECIFICATIONS WHEREAS THE SECOND CONTAINING THE FINANCIAL BID SHOWINGRATES.
- 9. While opening the tenders, the envelopes containing Technical Bids shall be opened first and acceptance of the tender according to the specified clauses will be ascertained. On the closing date of tender, only technical bids will be opened.
- 10. The Financial bid of only those firms who will qualify for the technical bid will be opened at a later stage with due information to the Tenderers.

- 11. In case the tenderer(s) fails to provide the services according to the terms & conditions of the order, the amount of Security Deposit will before feited.
- 12. No tender without **Earnest Money Deposit** will be entertained and will be treated as cancelled.
- 13. Canvassing in any form will be viewed seriously and if any tenderer found to be resorting to such practice, the tender of such firm will berejected.
- 14. Conditional quotations will not be considered and will berejected.
- 15. In case, any clarification is required the tenderer may seek the same from the Computer Unit before submitting the Tender document. Any request after the last date and time for submission of bids for any clarification will not beentertained.
- 16. **Penalty charges per day:** If the down time is more than 30 MINUTES then penalty of Rs.500/- per HOUR and Rs.5000/- per day for failure in Internet Connectivity shall be levied on the firm. This shall be in addition to the liquidated damages which can be levied on the firm.
- 17. In case of any dispute arising out of the relation between the parties, the matter will be referred to the Arbitrator appointed by the Chairman, NIOS whose decision will be final and binding on theparties.
- 18. Secretary, National Institute of Open Schooling reserves the right to reject any or all tender(s) without assigning any reasonwhatsoever.

# **CHAPTER 2:**REQUIREMENT OF TENDER

- 1. 100 Mbps Clean Internet Lease Line Connectivity and 1 G DDOS Mitigation with Last Mile connectivity on Fiberat Location i.e A 24/25, Sector 62NOIDA
- 2. Backup Connectivity of 30 Mbps only at A- 24/25 on redundant last mile. The Last Mile connectivity of the Backup should be different from the Last Mile Fiber Connectivity of Primary Link mentioned in Point 1.
- 3. All the Last Mile Connectivity will be physically inspected by the appointed Committee of NIOS.
- 4. Renewal for the subscription of the Licenses for Fortigate 800 C bearing serial number FG800C3913800700 for another 1 Year .If the ISP fails to provide the 24x7 Support, then the Original manufacturers/authorized dealers having valid License will have to provide the Support.
- 5. Besides this a P2P Connectivity of 10 MBPS on Fiber is required between A24/25,Sector 62 Noida & A-31,Sector 62 Noida.

#### **CHAPTER3:**

#### SCOPE OFWORK

- 1. To cater the Internet bandwidth, NIOS Intends to hire 100 Mbps (Primary) Clean Internet Lease Line Bandwidth with 1 G DDOS Mitigation 30Mb (Backup) dedicated (1:1) Connectivity at single Physical Location through Leased Line (fully fiber optic for primary link and backup) on end-to-endbasis.
- 2 Thetenureofthecontractwhichshouldbeinitiallyforaperiodofoneyearandsubsequentextension of the term for another two years (year to year basis), if the performance of the firm will be found to be satisfactory.

The required bandwidth to be made available uninterrupted for 24 x 7 x 365 basis on reliable media i.e. fiber optic only for running various common network services suchasHostingwebsite,Internetaccess,webmail,DatabaseConnectivity,etc.

The termination of the last mile connection is to be made on Ethernet port of the router (to be provided by Bidder) should be connected to the last mile termination through proper interface and the other Ethernet port should be connected to the LAN or at the firewall at abovelocations.

- 1. The 2 number of routers (to be provided by Bidder) should be configured for 100 Mbps & 30 Mbps clean Internet. If any earthwork is involved inside the premises, it should be done by the bidder only by consulting with NIOS.
- **2** Renewal for the subscription of the Licenses for Fortigate 800 C bearing serial number FG800C3913800700 for another 1Year.

#### SPECIFICATIONS OFROUTER

- The make / model of router proposed should also be supporting Security features.
- The Router should support at least 100 Mbps bandwidth and scalable upto 150 Mbps for primary link and 2nd router should be scalable upto60Mb.
- The proposed hardware should not degrade performance of the LAN/WANlink
- The router should have all necessary hardware/software to enable it toprovide the requisite information to NMS forreporting.
- The Router should supportIPSec.
- The router should not be End of Sale or End of Support

#### 3 The technical requirements with terms and conditions are given below:

#### a. LinkBandwidth

A 100 Mbps & 30Mb clean Internet Bandwidth with Committed access rate on 1:1. 100Mb link to work as primary and 30Mb link to work as secondary. Traffic should be routed to secondary link once the primary fails. The last mile primary link will be **on Fiber with self-healing architecture, whereas backup on wireless licensedbandwidth.** 

## b. Last Mileconnectivity

The data exchange between NIOS and ISP premises shall be over a dedicated high-speed link. The terminal equipment, for providing connectivity between NIOS and ISPs gateway, shall be ISPs responsibility. Bidder must have toprovide dual last mile from their Pop to customer Place. Where primary connectivity will be on fiber and secondary connectivity also on fiber on licensed bandwidth.

#### c. P2PLink

Service provider to provide 10Mb p2p link (Fiber) between 2 Locations A- 24/25 and A-31, Sector-62, Noida,U.P.

The termination of this P2P will be on NIOS owned devices. The purpose of this P2P link will be to extend the location Alan to location B.

Users sitting at location A will access internet from location B internet via this P2PLink.

- **4** The bidder shall provide 16 Real IP addresses for exclusive use byNIOS.
- 5. The bidder shall do installation & configuration of Routers, modems, Firewall (Fortigate 800 C bearing serial number FG800C3913800700) or any such associated Fiberoptic equipment to make the entire system working to provide sustained Internet bandwidth of not less than 100 Mbps and scalable upto a maximum of 150Mbps.
- **6** Service provider should guarantee for backbone support for uptime of 99.5%.
- 7. Local Loop has to be through Fiber Cable, wherein optical fiber is extended right up to the customerpremises
- **&** Network redundancy by having Ring Topology has to be built to protect the traffic from cable cuts or from any otherissues.
- **9.** Providing last mile connectivity to the Customer premises will be the responsibility of Service Provider. The Service Provider shall meet associated hardware such as modems/converters etc. and so on.
- 10. Complete detail of service provisioning including offered bandwidth, compression type, termination details, etc. are to be clearly stated.
- 11. Successful Bidder should work in close association with LAN Integrator and other vendors/service providers working for NIOS, to provide a smooth function with network.
- 12 TheISPshouldassignedoneSAM(ServiceAssuranceManager)forthecustomer.
- **13** The ISP has to provide Software Tool/Method to measure/check the Internet Bandwidth provided by the bidder.
- $\textbf{14} \quad The ISP have to provide Real time on line MRTGR eport of usage of bandwidth.$
- **15** Configuration, maintenance & support of security Appliance.
- 16 The ISP should also produce a Letter/Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance. The certificate should also have the statement that if the ISP fails to provide the onsite support then Fortinet takes the responsibility of providing the remote Support 24x7 from the TAC.

# **CHAPTER4:** ELIGIBILITYREQUIREMENT

This invitation of Interest is open to all Companies having presence in India who fulfill the minimum eligibility criteria as mentioned below.

1. Should be a Company (Incorporated inIndia).

- 2. The Annual Turnover of the Company for last three financial years should be more than 200 crore (for each financial year i.e. 2015-16, 2016-17,2017-18).
- 3. The ISP should have class A ISP license which should be currently valid.
- 4. The ISP should be having positive net worth for anyone of the year in the last three financial years.
- 5. The ISP should not have been blacklisted in any of the Central or StateGovernment departments includingPSU's.
- 6. The ISP should have its own cable landing station in India.
- 7. The firm should be an ISO 9000 and TL 9000certified.
- 8. The bidder must have supplied DDoS Protection Services with cumulative mitigation capacity of 1-Gbps to two or more clients in India for which purchase order was issued in the preceding three financial years (i.e. last three financial years and current year), prior to the date of opening of this tender for protection of client's IT Infrastructure from DDOS attacks. The DDoS protection service should either be completed or ongoing on the date of opening of thistender.
- 9. Bidder should have a minimum 5 years experience in implementing Network Security either as Security Integrator or Auditor in any Government/PSU organization which have its offices/branches at least in the National Capital Region Delhi and NOIDA with Wide Area Network, intranet and internet as well as demilitarized zone and security equipments like firewalls, IDS and IPS. Out of 5 years experience, at least 2 year experience should be in a Government or PSUorganization.
- 10. The bidder should have minimum 5 CISA/ CISSP/ CCSE/CCSP and Network Security related certification holders in the organization with sufficient expertise in handling Information for Security issues /appliances /ManagementSystem/Services.
- 11. The ISP should have Direct peering (connectivity) with Tier 1 carriers to minimize numbers of hops and latency thereof, to international destinations. Aggregate international capacity (from international gateway in India up to international Point of Presence) of at leastSTM1.
- 12. The ISP should have fully resilient and self-healing network architecture, on fiber medium, for the domestic backbone up to the international gateway in India. The ISP must indicate the capacity available through the other provider networks, as well as indicate the existing SLA with all involved providers which should be complying and committing, atleast 99.5% service availability including the last mile connectivity, on a 24 x 7 x 365 basis.
- 13. Average latency should not be more than 350ms up to ISP's 1st Tier 1 peering to USA.

- 14. The ISP must have adequate support facility in NCR/Delhi to provide 24 x 7 x 365 customersupport.
- 15. The ISP should have centralized trouble ticketing tool for calllogging,monitoring and troubleshootingpurpose.
- 16. The ISP should have single Toll Free number/Help Desk for all the call logging and status update.
- 17. The ISP should have well defined capabilities and procedures to track call resolution, Progress status and provide the updates to the customer. In addition, ISP should have well defined management and technical escalation procedures.
- 18. The ISP must have to provide dual last mile from customer nearest pop to customer building. The primary and secondary connectivity (including the last mile) must be on Fiber.
- 19. The ISP should submit a Letter/Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance. The certificate should also have the statement that if the ISP fails to provide the onsite support then Fortinet takes the responsibility of providing the remote Support 24x7 from the OEM TAC.

#### **CHAPTER5:**

#### **SELECTION PROCESS**

- (a) The Evaluation will be done on the basis of grading point and the Customer Satisfaction report.
- (b) Technical bids will be opened first on the date and time specified above in the presence of the representatives of the tenderers, if any, available only at the time of opening of the TechnicalBid.
- (c) The Financial Bids of only those firms will be opened who qualify the minimum grade point of Technical Bid for which date will be fixed separately and intimated to those tenderers who will qualify in the TechnicalBid.
- (d) A gradation list will be prepared having the highest grade point on top and 5 firm from the top will qualify for FinancialBid.

## **Grading sheet**

| Items for Technical Bid                   | Grade Point   |
|---|---------------|
| Type of Firm                              | Private – 5   |
| (Proprietary/Private/Public/Govt.)        | Public – 10   |
|   | Govt. – 10    |
| Should have Implement a Managed DDOS with | 1 Project:-10 |
| ILLProject before (PO to be submitted)    | 2 Project:-20 |
| Total Turnover                            |               |

| More than 200 crore and less than 500 Crore - 20   | 2014-15  | 200crore – 10                    |
|--|--|----------------------------------|
| than 500 Crore - 20 More than 500 crore - 30  2015-16  2015-16  2016-17  200crore - 10 More than 200 crore and less than 500 Crore - 30  2016-17  200crore - 10 More than 200 crore and less than 500 Crore - 30  2016-17  200crore - 10 More than 200 crore and less than 500 crore - 30  2016-17  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  30  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  20  More than 20  On roll engineers and its proof  5 - 20 staff ->10  21-50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  21-50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  21-50 staff ->20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having class of the person -> 10  21-50 staff -> 20 More than 30 -> 30  Attach a copy of the Certificate of the personnel having class of the person -> 20 More than 30 Certified Person -> 20 More than 30 Certified Person -> 20 More than 30 Certified person -> 30  Attach a copy of at least 3 work order for execution supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  105  | 2014-13  |                                  |
| More than 500 crore - 30   |  |                                  |
| 2015-16  200 crore - 10  More than 200 crore and less than 500 Crore - 20  More than 500 crore - 30  2016-17  200crore - 10  More than 200 crore and less than 500 Crore - 30  200crore - 10  More than 200 crore and less than 500 Crore - 20  More than 500 crore - 30  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  20  More than 15 Years  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  More than 20  On roll engineers and its proof  5 - 20 staff ->10  21- 50 staff ->20  More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10  21- 50 staff ->20  More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  200  More than 30 Certifical gets 1 in the Govt. or PSU -> 30  More than 20 Order including atleast 2 in the Govt. or PSU -> 30  More than 20 Order including atleast 5 in the Govt. or PSU -> 30  |  |                                  |
| More than 200 crore and less than 500 Crore - 20 More than 500 crore - 30  2016-17  200crore - 10 More than 200 crore and less than 500 Crore - 20 More than 500 crore - 30  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  20  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  20  More than 20  On roll engineers and its proof  30  Contractual engineers and its proof  5 - 20 staff ->10  21-50 staff ->20  More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10  21-50 staff ->20  More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a copy of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  165  | 2015 16  |                                  |
| than 500 Crore - 20 More than 500 crore - 30  2016-17  200crore - 10 More than 200 crore and less than 500 Crore - 20 More than 500 crore - 30  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20 More than 15 Years  20 More than 15 Years  20 More than 15 Years  30  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  20 More than 20  On roll engineers and its proof  21-50 staff ->10 21-50 staff ->10 21-50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  5-20 staff ->10 21-50 staff ->20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  165   | 2013-10  |                                  |
| More than 500 crore - 30   |  |                                  |
| 200crore - 10 More than 200 crore and less than 500 Crore - 20 More than 500 crore - 30  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10 10-15 Years  20 More than 15 Years  20 Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  More than 20  On roll engineers and its proof  21- 50 staff ->10 21- 50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10 21- 50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10 21- 50 staff -> 20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having related certification holders  Attach a proof of adequate support facility in NCR/Delhit to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  200crore - 10 More than 500 crore - 30  10  10  10  10  10  21- 50 staff -> 10 21- 50 staff -> 20 More than 50 -> 30  10-20 Certified Person -> 20 More than 30 Certified person -> 30  10-20 Cortified Person -> 20 More than 30 Certified Person -> 20 More than 30 Certified person -> 30  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  |  |                                  |
| More than 200 crore and less than 500 Crore - 20   More than 500 Crore - 20   More than 500 crore - 30   |  |                                  |
| than 500 Crore - 20 More than 500 crore - 30  Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  20  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  More than 20  On roll engineers and its proof  21-50 staff ->10  21-50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  21-50 staff ->20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having related certification holders  Attach a proof of adequate support facility in NCR/Delhito provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  than 500 Crore - 20 More than 500 Certified Person -> 10 20-30 Certified Person -> 20 More than 30 Certified person -> 30  10- 6-10 Order including atleast 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30   | 2016-17  |                                  |
| Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  20  More than 15 Years  30  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  20  More than 20  On roll engineers and its proof  21- 50 staff -> 20  More than 50 -> 30  Contractual engineers and its proof  21- 50 staff -> 20  More than 50 -> 30  Contractual engineers and its proof  31  CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line  Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  More than 50 crurity either as 10  10  10  11-20  20  More than 50  Actrified Person -> 10  21- 50 staff -> 10  21- 50 staff -> 20  More than 50 -> 30  In the Govt. or PSU -> 10  6-10 Order including atleast 1 in the Govt. or PSU -> 30  More than 20 Order including atleast 5 in the Govt. or PSU -> 30   |  |                                  |
| Total No of Past experience as ISP and experience in implementing Network Security either as Security Integrator or Auditor  5-10 Years  10  10-15 Years  20  More than 15 Years  20  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  110  11-20  20  More than 20  On roll engineers and its proof  30  Contractual engineers and its proof  5 - 20 staff ->10  21 - 50 staff ->20  More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10  21 - 50 staff ->20  More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line  Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  105  |  |                                  |
| as Security Integrator or Auditor 5-10 Years  10 10-15 Years  20 More than 15 Years  30 Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers) 5-10 10 11-20 20 More than 20 30 On roll engineers and its proof 5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  Contractual engineers and its proof 5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  10  10  11  10  21 - 50 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  10 - 20 Certified Person -> 10 20 - 30 Certified Person -> 20 More than 30 Certified person -> 30  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical   |  | More than 500 crore – 30         |
| 5-10 Years  More than 15 Years  20  More than 15 Years  30  Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  More than 20  On roll engineers and its proof  21- 50 staff ->10  21- 50 staff ->20  More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff ->10  21- 50 staff ->20  More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  10  10  10  11-20  20  More than 20  Certified Person -> 30  More than 30 Certified Person -> 10  20-30 Certified Person -> 20  More than 30 Certified person -> 30  10  10  10  10  10  10  10  10  21- 50 staff ->  |  | menting Network Security either  |
| Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  10  11-20  More than 20  On roll engineers and its proof  Contractual engineers and its proof  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  10  11  20  More than 20  5 - 20 staff ->10  21 - 50 staff ->20  More than 50 - > 30  10-20 Certified Person ->10  20-30 Certified Person -> 20  More than 30 Certified person -> 30  10  10  10  11  10  11  21  5 - 20 staff ->10  21  21  5 - 50 staff -> 20  More than 30 Certified person -> 30  10  10  10  10  10  11  20  30  Total Grade points Required to Qualify the Technical  |  | 10                               |
| Certified Engineers having the Experience of Working on the Network Security appliance like Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  11-20  More than 20  On roll engineers and its proof  Contractual engineers and its proof  Contractual engineers and its proof  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  10  10  20  30  5 - 20 staff ->10  21- 50 staff ->20  More than 50 -> 30  10-20 Certified Person -> 10  20-30 Certified Person -> 20  More than 30 Certified person -> 30  10  10  10  10  10  10  21  50  50  10  10  10  10  10  20-30 Certified Person -> 10  20-30 Certified Person -> 20  More than 30 Certified person -> 30  More than 30 Certified person -> 30  More than 30 Certified person -> 30  10  10  10  10  10  10  10  10  10   | 10-15 Years  | 20                               |
| Router, Switch, Firewall/UTM/IPS (No of Engineers)  5-10  10  11-20  20  More than 20  On roll engineers and its proof  Contractual engineers and its proof  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  20  30  5 - 20 staff ->10  21- 50 staff ->20  More than 50 -> 30  10-20 Certified Person ->10  20-30 Certified Person -> 20  More than 30 Certified person -> 30  10  3-5 Order including atleast 1 in the Govt. or PSU -> 10  6-10 Order including atleast 2 in the Govt. or PSU -> 20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30   | More than 15 Years                                       | 30                               |
| More than 20  On roll engineers and its proof  Contractual engineers and its proof  5 - 20 staff -> 10  21 - 50 staff -> 20  More than 50 -> 30  Contractual engineers and its proof  10 - 20 certified Person -> 10  20 - 30 Certified Person -> 20  More than 30 Certified Person -> 20  More than 30 Certified person -> 30  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll  Free number/Help Desk  Attach a copy of at least 3 work order for execution  Supply Of (1:1) 10 mbps or more Internet Lease Line  Connectivity With Connection On Fiber with at least 1 in the Govt. or PSU -> 10  6-10 Order including atleast 2 in the Govt. or PSU -> 20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  165  | Router, Switch, Firewall/UTM/IPS (No of Engineers)       |                                  |
| More than 20  On roll engineers and its proof  Contractual engineers and its proof  Social Sequence of the personnel having 21-50 staff -> 20  More than 50 -> 30  Attach a copy of the Certificate of the personnel having 20-30 Certified Person -> 20  More than 30 Certified Person -> 20  More than 30 Certified person -> 30  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 in the Govt. or PSU -> 10  6-10 Order including atleast 2 in the Govt. or PSU -> 20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical   | 5-10   |                                  |
| On roll engineers and its proof  5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  Contractual engineers and its proof  5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 -> 30  10-20 Certified Person -> 10 20-30 Certified Person -> 20 More than 30 Certified person -> 30  4 trach a proof of adequate support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical   | 11-20  | 20                               |
| 21- 50 staff ->20 More than 50 -> 30  Contractual engineers and its proof  Contractual engineers and its proof  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line  Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  21- 50 staff ->20 More than 50 -> 30  10-20 Certified Person -> 10 20-30 Certified Person -> 20 More than 30 Certified person -> 30  40-30 Certified Person -> 20 More than 30 Certified person -> 30  61-10 Order including atleast 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  | More than 20   | 30                               |
| Contractual engineers and its proof  Contractual engineers and its proof of cartified Person -> 20  More than 30 Certified Person -> 20  More than 30 Certified Person -> 30  Contractual engineers and its proof of atleas to proof of adequate support including atleas to proof of atle | On roll engineers and its proof                          | 5 - 20 staff -> 10               |
| Contractual engineers and its proof  5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 - > 30  Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  5 - 20 staff -> 10 21 - 50 staff -> 20 More than 50 - > 30  10 - 20 Certified Person -> 20 More than 30 Certified person -> 30  4 - 30 Certified Person -> 20 More than 30 Certified person -> 30  6 - 10 Order including atleast 1 in the Govt. or PSU -> 10 6 - 10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical   |  | 21- 50 staff ->20                |
| Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  21- 50 staff ->20 More than 50 -> 30  10-20 Certified Person -> 10 20-30 Certified Person -> 20 More than 30 Certified person -> 30  10  10  6-10 Order including atleast 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  |  | More than $50 - > 30$            |
| Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  More than 50 - > 30  10-20 Certified Person -> 20  More than 30 Certified person -> 30  10  20-30 Certified Person -> 20  More than 30 Certified Person -> 20  6-10 Order including atleast 1 in the Govt. or PSU -> 20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical   | Contractual engineers and its proof                      | 5 - 20  staff  -> 10             |
| Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10-20 Certified Person -> 10 20-30 Certified Person -> 20 More than 30 Certified Person -> 20  | •  | 21- 50 staff ->20                |
| CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  20-30 Certified Person -> 20 More than 30 Certified Person -> 20 More than 30 Certified Person -> 30  10  6-10 Order including atleast 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  |  | More than $50 - > 30$            |
| CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  20-30 Certified Person -> 20 More than 30 Certified Person -> 20 More than 30 Certified Person -> 30  10  6-10 Order including atleast 1 in the Govt. or PSU -> 10 6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  | Attach a copy of the Certificate of the personnel having | 10-20 Certified Person ->10      |
| Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  More than 30 Certified person - >30  10  10  3-5 Order including atleast 1 in the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  |  |                                  |
| Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  >30  3-5 Order including atleast 1 in the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  | •  |                                  |
| Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  10  3-5 Order including atleast 1 in the Govt. or PSU ->10  6-10 Order including atleast 2 in the Govt. or PSU ->20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30   |  | -                                |
| to provide 24x 7 x 365 customer support including Toll Free number/Help Desk  Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  3-5 Order including atleast 1 in the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  | Attach a proof of adequate support facility in NCR/Delhi |                                  |
| Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  3-5 Order including atleast 1 in the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  |  |                                  |
| Attach a copy of at least 3 work order for execution Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  3-5 Order including atleast 1 in the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  | <u> </u>   |                                  |
| Supply Of (1:1) 10 mbps or more Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Total Grade points Required to Qualify the Technical  the Govt. or PSU ->10 6-10 Order including atleast 2 in the Govt. or PSU ->20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  | *  | 3-5 Order including atleast 1 in |
| Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  6-10 Order including atleast 2 in the Govt. or PSU -> 20 More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  6-10 Order including atleast 2 in the Govt. or PSU -> 30   | 1.0  |                                  |
| from Govt. and 1 from PSU  the Govt. or PSU ->20  More than 20 Order including atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical  165  |  |                                  |
| More than 20 Order including at least 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical 165  | · · · · · · · · · · · · · · · · · · ·                    |                                  |
| atleast 5 in the Govt. or PSU -> 30  Total Grade points Required to Qualify the Technical 165  | nom Sove und i nom i so                                  |                                  |
| Total Grade points Required to Qualify the Technical 165   |  | 9                                |
|  |  | 30                               |
| Bid  | Total Grade points Required to Qualify the Technical     | 165                              |
|  | Bid  |                                  |
|  |  |                                  |

#### **CHAPTER6:**

#### **TECHNICAL BID**

(To be sealed in a separate envelop together with EMD)

TENDER FOR SUPPLY, CONFIGURATION AND INSTALLATION OF (1:1) primary 100 MBPS (CLEAN BW) with 1G DDoS MITIGATION BW & secondary 30 Mb INTERNET LEASE LINE CONNECTIVITIES AT NIOS, A-24/25,SECTOR-62, NOIDA. CONNECTIVITY ON FIBER AND INTEGRATION OF THE CONNECTIVITY UPON EXISTING FORTIGATE 800 C UTM DEVICE BEARING SERIAL NUMBER FG800C3913800700, RENEWAL FOR THE SUBSCRIPTION OF THE LICENSES FOR FORTIGATE 800 C FOR ANOTHER 1 YEAR.

## ELIGIBILITY AND PRE-QUALIFICATION REQUIREMENT

NOTE: Eligible bidders are to provide information on pre qualification essential requirement in the enclosed Technical bid format. The Financial Bids of only those firms will be opened who qualify the minimum grade point in Technical Bid for which date will be fixed separately and intimated to those tenderers who will qualify in the Technical Bid.

This Tender is open to all Companies having presence in India who fulfill the minimum eligibility criteria as mentioned below.

- 1. Should be a Company (Incorporated inIndia).
- 2. The Annual Turnover of the Company for last three financial years should be more than 200crore (for each financial year i.e. 2015-16, 2016-17,2017-18).
- 3. The ISP should have class A ISP license which should be currently valid.
- 4. The ISP should be having positive net worth for each of the last three financial years. Company should be in profit during anyone of the year in last three financial year i.e. (Profitable in anyone year among 2014-15,2015-2016,2016-2017)
- 5. The ISP should not have been blacklisted in any of the Central or StateGovernment departments includingPSU's.
- 6. The ISP should have its own cable landing station in India.
- 7. The firm should be an ISO 9000 and TL 9000certified.
- 8. The bidder must have supplied DDoS Protection Services with cumulative mitigation capacity of 1-Gbps to two or more clients in India for which purchase order was issued in the preceding three financial years (i.e. last three financial years and current year), prior to the date of opening of this tender for protection of client's IT Infrastructure from DDOS attacks. The DDoS protection service should either be completed or ongoing on the date of opening of this tender

Bidder should have a minimum 5 years experience in implementing Network Security either as Security Integrator or Auditor in any Government/PSU organization which

- haveitsoffices/branchesatleastintheNationalCapitalRegionDelhiandNOIDAwithWideArea Network, intranet and internet as well as demilitarized zone and security equipments like firewalls, IDS and IPS. Out of 5 years experience, at least 2 year experience should be in a Government or PSUorganization.
- 9. The bidder should have minimum 5 CISA/ CISSP/ CCSE/CCSP and Network Security related certification holders in the organization with sufficient expertise in handling Information for Security issues /appliances /ManagementSystem/Services.
- 10. The ISP should have Direct peering (connectivity) with Tier 1 carriers to minimize numbers of hops and latency thereof, to international destinations. Aggregate international capacity (from international gateway in India up to international Point of Presence) of at leastSTM1.
- 11. Licenses of wireless band to provide dual last mile from PoP if backup is onRF.
- 12. The ISP should have fully resilient and self-healing network architecture, on fiber medium, for the domestic backbone up to the international gateway in India. The ISP must indicate the capacity available through the other provider networks, as well as indicate the existing SLA with all involved providers which should be complying and committing, atleast 99.5% service availability including the last mile connectivity, on a 24 x 7 x 365 basis.
- 13. Average latency should not be more than 350ms up to ISP's 1st Tier 1 peering to USA.
- 14. The ISP must have adequate support facility in NCR/Delhi to provide 24 x 7 x 365 customersupport.
- 15. The ISP should have centralized trouble ticketing tool for calllogging, monitoring and troubleshootingpurpose.
- 16. The ISP should have single Toll Free number/Help Desk for all the call logging and status update.
- 17. The ISP should have well defined capabilities and procedures to track call resolution, Progress status and provide the updates to the customer. In addition, ISP should have well defined management and technical escalation procedures.
- 18. The ISP must have to provide dual last mile from customer nearest pop to customer building. The primary and secondary connectivity (including the last mile) must be on Fiber.
- 19. The ISP should have a Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance. The certificate should also have the statement that if the ISP fails to provide the onsite support then Fortinet takes the responsibility of providing the remote Support 24x7 from OEMTAC.

# TECHNICAL BID PROFORMA

| Items for Technical Bid   | Details                           | To be used by NIOS |
|---|-----------------------------------|--------------------|
| Name & Address of the Firm  |                                   |                    |
| Year of Registration and Establishment  |                                   |                    |
| Attach the Copy of the Certificate of IT Services, "IT Infrastructure Services Management" and "IT Information Security", ISO Certification |                                   |                    |
| Type of Firm (Private/Public/Govt.)   |                                   |                    |
| Total Turnover  |                                   |                    |
| 2015-16   |                                   |                    |
| 2016-17   |                                   |                    |
| 2017-18   |                                   |                    |
| Total No of Past experience as ISP and experience in implementing Ne integrator or Auditor  | twork Security either as security |                    |
| 5-10 Years  |                                   |                    |
| 10-15 Years   |                                   |                    |
| More than 15 Years  |                                   |                    |
| Certified Network Engineers (No of Personnel)   |                                   |                    |
| 5-10  |                                   |                    |
| 11-15   |                                   |                    |
| More than 15  |                                   |                    |
| Certified Engineers having the Experience of Working on the Router at NUMBER FG800C3913800700 SECURITY APPLIANCE (No of I                   |                                   | BEARING SERIAL     |
| 5-10  |                                   |                    |
| 11-15   |                                   |                    |
| More than 15  |                                   |                    |
| Copy of the Income Tax Returns (Enclosed Yes/No)  |                                   |                    |
| No. of on roll engineers and its proof  |                                   |                    |

| Attach a copy of the Certificate of the personnel having CISA/ CISSP/ CCSE/CCSP/CCNA and Network Security related certification holders (Number of Engineers)  Attach a copy of Class A ISP license  Attach a copy of Licenses of wireless band  Attach a copy of the SLA  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7x 365 customer support including Toll Free number/Help Desk  Details of Earnest Money Deposit: (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fibre with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled (Yes/No) | No of Contractual engineers and its proof  |  |
|---|--|--|
| Attach a copy of Licenses of wireless band  Attach a copy of the SLA  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7x 365 customer support including Toll Free number/Help Desk  Details of Earnest Money Deposit: (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | CISSP/ CCSE/CCSP/CCNA and Network Security related   |  |
| Attach a copy of the SLA  Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7x 365 customer support including Toll Free number/Help Desk  Details of Earnest Money Deposit: (Please attach EMD Demand Draft with this Annexure-'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt, and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled  | Attach a copy of Class A ISP license   |  |
| Attach a proof of adequate support facility in NCR/Delhi to provide 24x 7x 365 customer support including Toll Free number/Help Desk  Details of Earnest Money Deposit: (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | Attach a copy of Licenses of wireless band   |  |
| 24x 7x 365 customer support including Toll Free number/Help Desk  Details of Earnest Money Deposit: (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | Attach a copy of the SLA   |  |
| (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on Amount  Attach a copy of at least 3 work order for execution Supply Of (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | 24x 7x 365 customer support including Toll Free  |  |
| (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | (Please attach EMD Demand Draft with this Annexure- 'A') Demand DraftNo. Date Drawn on   |  |
| (1:1) 100 mbps Internet Lease Line Connectivity With Connection On Fiber with at least 1 from Govt. and 1 from PSU  Attach the entire client list along with addresses, phone no and the contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled   | Attach a copy of at least 3 work order for execution Supply Of   |  |
| contact person of the firms where the the firm is providing the Connectivity.  Attach the Certificate from Fortinet stating that they are the authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled  | (1:1) 100 mbps Internet Lease Line Connectivity With<br>Connection On Fiber with at least 1  |  |
| authorized Partner for providing the Support of Fortinet Appliance i.eFortigate 800 C.  Acceptance of The terms and conditions as per General Terms & Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled  | contact person of the firms where the the firm is  |  |
| Conditions and Special Conditions of Contract, Technical Schedule of Requirements, Pre Qualification Requirement is acceptable/fulfilled  | authorized Partner for providing the Support of Fortinet Appliance   |  |
|   | Conditions and Special Conditions of Contract, Technical<br>Schedule of Requirements, Pre Qualification Requirement is<br>acceptable/fulfilled |  |

| Place: |  |
|--------|--|
| Date:  | Signature<br>Name<br>Address with seal of the firm |

#### **FINANCIAL BID**

TENDER FOR SUPPLY, CONFIGURATION AND INSTALLATION OF (1:1) primary 100 MBPS (CLEAN BW) with 1G DDoS MITIGATION BW & secondary 30 Mb INTERNET LEASE LINE CONNECTIVITIES AT NIOS, A-24/25,SECTOR-62, NOIDA. CONNECTIVITY ON FIBER AND INTEGRATION OF THE CONNECTIVITY UPON EXISTING FORTIGATE 800 C UTM DEVICE, RENEWAL FOR THE SUBSCRIPTION OF THE LICENSES FOR FORTIGATE 800 C FOR ANOTHER 1 YEAR.

After having gone through the terms and conditions as enlisted in the tender

We accept all the terms and conditions and quote our lowest rates for the same in the given below prescribed proforma.

The following components will be supplied, installed and configured as per the terms and conditions laid down in the document.

| S.No. | Equipment Name/Make/Model  | Total Amount for One   |
|-------|--|------------------------|
|       |  | Year including Tax (in |
|       |  | Rs.)                   |
| 1.    | Supply & Installation of (1:1) 100 Mbps Primary Internet Lease Line Connectivity with Clean Connect & 1Gig MDDOS at A-24 NIOS including the installation and configuration along with the Router upon Fiber. |                        |
| 2.    | Supply & Installation of 30 Mbps<br>Secondary Connectivity at A-24 NIOS<br>including the installation and<br>configuration along with the Router<br>upon Fiber   |                        |
| 3.    | 10 Mbps P2P connectivity on fiber<br>between NIOS<br>two offices A-24 and A-31,Sector-<br>62,Noida   |                        |
| 4.    | Renewal charges for the<br>subscription of the Licenses<br>for Fortigate 800 C for<br>another 1 Year (From June<br>2018-October 2019)  |                        |
| Total |  |                        |

| Total Amount in (Figures) Rs. (includingthetax) |  |
|---|--|
| Total Amount in (Words) Rs. (including the tax) |  |
| Place:  |  |
| Date:   |  |
| Name & Signature with address and Seal          |  |