

**E-TENDER  
FOR  
SUPPLY, INSTALLATION,  
CONFIGURATION, TESTING AND  
COMMISSIONING OF STRUCTURED LOCAL  
AREA NETWORK  
AT  
DISTRICT MINI SECRETARIATE OF ALL  
22 DISTRICTS OF HARYANA**



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## INTRODUCTION

The Government of Haryana recognizes the important role of Information and Communication Technologies (ICT) in delivery of citizen services and governance processes in an efficient and transparent manner. Citizen Resources Information Department (CRID), erstwhile Department of Information and Technology (DITECH) of the State Government of Haryana was established to facilitate planning, designing, implementing and managing a wide range of IT initiatives at department/ organization levels.

With a wealth of IT and policy expertise, in-house development capabilities, Department enables implementation of government-wide information technology (IT) policies and programs, and use data, analysis and collaboration to deliver results and solutions that improve State Government IT service delivery with collaborative working relationships among Director (CRID IT), State Information Officer (SIO, NIC), Additional Chief Information Technology Officer (ACITO). Department also supports IT software development, personnel, solutions, support and expertise to address both the most common, and the most complex, State Government of Haryana's IT challenges. Operating at the intersection of policy and program execution, department's team helps to navigate the complexities of Information Technology (IT), including Cybersecurity, Domain Services and internet connectivity for the State Government of Haryana, Information Integrity, IT Accessibility and IT Infrastructure Modernization and data center optimization

The Department headed by the Commissioner & Secretary (CRID), develops and provides direction in the use of Internet-based technologies to make it easier for citizens and businesses to interact with the State Government, save taxpayer money, and streamline citizen participation.

Purchaser: Citizen Resources Information Department (CRID), Haryana

**SECTION 1**  
**IMPORTANT INFORMATION**

## 1. IMPORTANT INFORMATION

|  |   |   |
|--|---|---|
| 1.   | Tender Inviting Authority Designation and Address                   | Citizen Resources Information Department (CRID), Haryana.<br>Regd. Office:- SCO 109-110, Sector-17B, Chandigarh   |
| 2.   | Name of the Work  | Supply, installation, configuration, testing and commissioning of Structured Local Area Network at District Mini Secretariates of all 22 districts of Haryana.  |
|  | Tender reference  | e-Tender/CRID/2025-26/DLAN And e-Tender ID: 2025_HRY_459311   |
|  | Place of Execution  | District Mini Secretariates of all 22 districts of Haryana.   |
| 3.   | Tender document availability  | Tender Notice & Tender Document is available at <a href="https://etenders.hry.nic.in">https://etenders.hry.nic.in</a> from 9:00 AM onwards  |
|  | Approximate tender value  | ₹45.00 Crore  |
|  | Processing Fee for Tender   | The Payment for Tender Document Fee ₹5,900/- (Rupees Five Thousand Nine Hundred Only) i.e. (₹5,000/- + 18% GST) and ₹1,180/- eService Fee i.e. (₹1,000+18% GST) can be made by eligible bidders through Online Mode at NIC Portal in favor of Citizen Resources Information Department.<br>Scanned copy of Online Payment Receipt should be uploaded with technical e-bid.  |
|  | Earnest Money Deposit (EMD)   | The EMD will be ₹90,00,000/- (Rupees Ninty Lakh only), wherein an amount of ₹5,00,000/- (Rupees Five Lakh only) can be made by eligible bidders through Online Mode at NIC Portal in favor of in favor of Citizen Resources Information Department and remaining ₹85,00,000/- (Rupees Eighty Five Lakh only) should be submitted in form of Bank Guarantee valid for at least 12 months from the date of Bid Submission.<br><br>Scanned copy of Online Payment Receipt and Bank Guarantee should be uploaded with technical e-bid. This PBG will be returned on award of tender to the L1 Bidder. |
| 4.   | Starting date of Tender   | 18-07-2025 from 09:00 AM onwards  |
| 5.   | Last date and time for submission of e-Tender                       | 18-08-2025 at 05:00PM   |
| 6.   | Last Date for receipt of Queries for Pre-bid Conference             | Date & Time: 28.07.2025, 3:30:00 PM<br>Email Id: <a href="mailto:rosy.gandhi-hry@hry.gov.in">rosy.gandhi-hry@hry.gov.in</a> , <a href="mailto:addl-cito.crid@hry.gov.in">addl-cito.crid@hry.gov.in</a> , <a href="mailto:munishchandan.crid@hry.gov.in">munishchandan.crid@hry.gov.in</a>   |
| 7.   | Pre-bid Conference Date & Time (tentative)                          | Date & Time: 30.07.2025, 11:30:00 AM<br>Preferably, in Haryana Nivas; however, confirmation on the same shall be communicated in 2 days in advance on the given link: <a href="https://haryanait.gov.in/#tenders">https://haryanait.gov.in/#tenders</a> (under the Section "Tender & Notices")  |
| 8.   | Last date for submission of hard copy of the technical bid to CRID. | 25-08-2025 at 04:00PM (Hard Copy of Technical bid with proper binding and indexing as uploaded on e-procurement portal by the respective bidder must be submitted by bidder in the O/o Additional Chief Information Technology Officer (ACITO), CRID, 4th Floor, SCO 109-110, Sec 17-B, Chandigarh, 160017  |
| 9.   | Date and Time of Opening of Technical Bids                          | 22-08-2025, 04:00:00 PM   |
| 10.  | Date and Time of Opening of Commercial Bids                         | To be intimated later on  |
| i. Eligibility Criteria: Please refer to the Section 4 of the Tender Document.<br>ii. Two Bid System i.e. Stage-1 Prequalification cum Technical Bid; Stage-2 Commercial Bid.<br>iii. Tenders received after due date and time will be summarily rejected.<br>iv. Any Bid not conforming to the format will be summarily rejected. |   |   |

## **SECTION 2**

### **INSTRUCTION TO BIDDERS ON ELECTRONIC TENDERING SYSTEM**

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## 2. INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM

1. Bidder should do Online Enrolment in this Portal using the option Click Here to Enroll available in the Home Page. Then the Digital Signature enrollment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as e-Mudhra CA/GNFC/IDRBT/MtnlTrustlin/SafeScript/TCS.
2. Bidder then logs into the portal giving user id / password chosen during enrollment.
3. The e-token that is registered should be used by the bidder and should not be misused by others.
4. DSC once mapped to an account cannot be remapped to any other account. It can only be inactivated.
5. The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
6. After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document; otherwise, the bid will be rejected.
7. The BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender. Bidders are allowed to enter the Bidder Name and Values only.
8. If there are any clarifications, this may be obtained online through the eProcurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
9. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together.
10. Bidder should arrange for the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission date and time for the tender, as applicable to e-Tenders.
11. The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids.
12. The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.
13. There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.
14. It is important to note that, the bidder has to click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes

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15. In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected.
  16. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
  17. The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.
  18. At the time of freezing the bid, the eProcurement system will give a successful bid Updating message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.
  19. After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.
  20. Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.
  21. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
  22. The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST), which is GMT+5:30. The bidders should adhere to this time during bid submission.
  23. All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.
  24. During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer (SSL) with 256-bit encryption technology. Data encryption of sensitive fields is also done.
  25. The bidders are requested to submit the bids through online eProcurement system to the TIA well before the bid submission end date and time (as per Server System Clock).
  26. The bidders are requested to submit the bids through online eProcurement system to the TIA well before the bid submission end date and time (as per Server System Clock).



### **SECTION 3**

### **SCOPE OF WORK**

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### 3. SCOPE OF WORK:

- 3.1 Citizen Resources Information Department (CRID), a State Govt. undertaking invites e-Bids from the manufacturers/ their authorized firms of Networking for Supply, installation, configuration, testing and commissioning of Structured Local Area Network at District mini Secretariate at all 22 District as per the minimum technical specifications and other terms and conditions.
- 3.2 The supplier is required to establish managed Structured Local Area Network at each building as per list provided using robust and state of the art latest LAN Technology.
- 3.3 Upon award of purchase order / work order / contract, the selected vendor will depute a site in-charge for each of the sites (onsite) who will coordinate the project activates with the respective LAN coordinators of the purchaser.
- 3.4 All offered switches should be of the same make / OEM and should support interoperability with major OEM brands for equipment like Routers, Switches, IP Phones, IP Cameras, Video Conferencing Unit etc.
- 3.5 All copper and fiber modules / transceivers (1G / 10G / 25G) should be from the same OEM as that of Switches & Routers for proper interoperability and support.
- 3.6 All the features mentioned in the switches specifications should be available from day one.
- 3.7 Power & Console Cables, necessary drivers and software required to run the equipment must be supplied during installation and commissioning from day one without any additional cost.
- 3.8 Service support pack details to be provided with all networking equipment.
- 3.9 Fibre Passive Components & UTP Cabling components (i.e. Cable, Patch Cords, Pig Tails,I/O etc) may be from any single OEM or from two different OEMs as per RFP specifications, which shall be common for all sites. Other Passive components must also be from the standard OEM meeting all the specifications as mentioned in the RFP and the SI to quote single OEM for each category / type of Passive Equipment which shall be common for all the sites. All the components of different OEMs proposed in the bid should be compatible and interoperable.
- 3.10 All active components must be supporting open standards and should be able to integrate with other active components installed in networks like H-SWAN & NICNET etc. and must be discoverable using any standard NMS software including open NMS.
- 3.11 UPS Warranty, Service & Support (Onsite) - 5 years, Proper backup to be ensured throughout the contract period. The UPS must be compatible with existing Gensets installed in the buildings (If Any).
- 3.12 The cost of all hardware items must include mandatory 5 years onsite comprehensive Original Equipment Manufacturer's warranty.
- 3.13 Penta scanning for CAT6A should be done at minimum 500 MHz and for CAT6 should be done at minimum 250 MHz, report less than 500MHz / 250MHz respectively shall not be considered and component will not be accepted. The report needs to be submitted in FLW & PDF format in any consumable media like USB Drive, CD/DVD etc. The length of Patch cords used during Penta scanning are not to be included in Penta scanning report.

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- 3.14 25 years performance warranty certification is to be provided by supplier for cabling from OEM after complete installation.
  - 3.15 The quoted products should not be end of sale / life for next 2 years and OEM support of the same should be available for next 5 years after end of life / sale.
  - 3.16 The details of offered service support pack of the OEM is to be provided with the supplied LAN switches.
  - 3.17 The Supplier is required to supply the latest updates, patches and upgrades of Network / LAN Management Software (If supplied), Switch OS, supplied server/computer OS updates free of cost during the warranty period.
  - 3.18 The quoted rates should be inclusive of all installation works like but not limited to preparing of cable layout / diagram, digging, refilling, trenching, relieving, laying of conduit, channel, cable tray, cable, punching, fixing of active & passive components, tagging of patch cords etc.
  - 3.19 The arrangement/option/quantity may increase or decrease. The quantity of all active & passive components mentioned in offered bill of material is tentative and may vary as per site requirement & will be paid as per actual consumption. Variable quantity like cable, Fiber cable, Patch Cords, I/Os, conduit etc. can also be supplied during installation as per site requirement for network operations. Payment of cable will be released on the basis of Penta scanning report.
  - 3.20 Proper tagging of all cables including uplinks with numbers is to be prepared by supplier & must be pasted on Rack Glass.
  - 3.21 The Selected Bidder is required to provide a comprehensive warranty for the products for a period of 5 years from the date of acceptance letter/ Go live after completion of work.
  - 3.22 The warranty shall cover the system software, components and sub-components of the supplied infrastructure including patches and upgrades (free of cost) of the system software.
  - 3.23 In addition to warranty as mentioned in above clause, the Bidder shall, during the above said period replace parts, if any, and remove any manufacturing defect, if found, so as to make the device fully operative. Replacement of parts or the entire product is to be done without any additional cost.
  - 3.24 All the operating system/software licenses if applicable are to be registered in the name of the owner department.
  - 3.25 Supplier should also prepare a detailed professional project report of each site which shall include and not limited to detailed labeled LAN diagram, list of all active & passive components, make & model/Part code with serial number, device numbering details, list of IP addresses including Switches, other items IP Addresses and all configuration details, cabling diagram, connectivity diagram, patch panel details, tagging details of all cables including uplink with number, location details of Switches, Racks details, UPS connectivity diagram & details, supplied OS Keys (if any) so that no ambiguity may arise. The report should be proper leather binding, name of project & site name & location address should be printed on cover, proper indexing and should be submitted in triplet copy i.e. each for NIC, Nodal Officer at site & CRID.
  - 3.26 The supplier will deploy one resident network engineer for each Mini-Secretariat building in each district for one year to resolve day to day network issue and technical / LAN support to Nodal

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Officer at site during and after office hours including holidays or as per directions of Nodal Officer of site. Quarterly attendance reports of deployed engineers duly verified by Nodal Officer at site should be submitted to CRID/NIC.

- 3.27 The engineer will be deputed for 6 days a week during office hours, however the engineer can be called on any day after office hours, during holidays / off day in case of any exigency.
- 3.28 Qualification for Engineer: B. Tech. / B. E. / M. Sc. / MCA/ BCA / 3-year Diploma in Computer/ IT/ Electronics or equivalent with at least 60% Marks from UGC approved University / State Technical Board and min. 1 year of experience in Networking.
- 3.29 Key responsibility of supplier:
- a. System Monitoring to make sure that the system is available 24x7x365 with at least 95% uptime per site on monthly basis.
  - b. Daily & Weekly Status Reporting to Nodal Officer
  - c. Onsite Support
  - d. Knowledge Management / Training
  - e. Adaptive Maintenance. Any maintenance activity to be performed on off day / holidays.
  - f. Attending to and resolving system failures and snags.
  - g. Support and maintain the overall infrastructure
  - h. Configuration and backup of system data including documentation of all configurations, VLANs, Policies etc.
  - i. Maintains Secrecy of the systems i.e. not to share Network / LAN / Office details / other infrastructure details with any outside agency officially or unofficially.
  - j. 24x7x365 monitoring of the system to spot the problems immediately.
  - k. Preventive Maintenance will be provided on quarterly basis which include cleaning & dusting of racks, switches, fans etc. even if no complaint is lodged. Signed reports by Nodal Officer must be submitted to CRID.
  - l. Offer will be inclusive of monitoring and configuration of all active devices in the NMS per site. (NMS to be provided by Department)
  - m. Support for warranty repairs / replacements will include equipment pickup, shipping, tracking and return etc.
  - n. Cable laying will through proper conduit channels only.
  - o. Supplier will ensure LAN Connectivity for Wi-Fi Access Points installed in the buildings as per requirement.
  - p. Any other activity related to LAN as deemed fit by owner department.

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- q. All the equipment (Active & Passive) which will become redundant after commissioning of new LAN Infra under the scope of this RFP shall have to be dismantled / removed. The appropriate decision for disposal of all such items (Re-use/e-Waste/Donation etc.) shall be taken by the Competent Authority at a later stage.
- 3.30 Responsibilities: It is the responsibility of the supplier to keep the equipment in good working condition so as to ensure a minimum of 95% uptime per building on monthly basis by carrying out all necessary repairs / maintenance of equipment, otherwise it shall be treated as a non-performance on the part of the Supplier for which suitable action may be taken against their firm. In case the supplier fails to rectify the problem within allotted time then penalty will be applicable as per penalty clause.
- 3.31 Central Call Management Process: Supplier should have well defined complaint registration process or provide a dedicated number / email id / portal to log Service Call. After registration of service complaint, provide service request number through SMS & email. Time duration for attending the service call, response & resolution is as under:
- a. Allocation of complaint id / ticket no. within 30 minutes of logging of complaint.
  - b. Resolution in case of active component: within 24 hours of logging of complaint, including Holidays
  - c. Resolution in case of passive component: within 48 hours of logging of complaint, including Holidays
  - d. The bidder may maintain enough spare stocks onsite to ensure minimum downtime.
- 3.32 Penalty per building during warranty period: The service calls will complete as per mentioned time durations otherwise penalty shall be levied @ ₹50,000/- per day for complete system down and @₹10,000/- per day of partially system down in case of active components and @₹5,000/- per day in case of passive components. No Penalty would be imposed for first 15 days after arrangement of Standby Solution / Components. The absence of on-site Engineer without replacement will attract the penalty @ ₹2,000/- per day / per engineer.
- 3.33 The warranty will be comprehensive and will include all the parts and system software support, expenses of the engineers i.e. to & from fare, stays, local conveyance etc.
- 3.34 GST or other taxes at the time of billing will be applicable.
- 3.35 Payment shall be made after adjusting penalties (if any) as applicable.
- 3.36 All payments shall be made subject to deduction of TDS (Tax deduction at Source) as per the current Income-Tax Act.
- 3.37 Site survey before bidding: Survey of any one site before bidding can be facilitated on request bases without affecting the time lines of the tender.
- 3.38 Site survey schedule: within 30 days from the date of purchase order.
- 3.39 Delivery terms: Delivery within 12 weeks from the date of approval of site survey reports.
- 3.40 Installation & site handover schedule: Installation within 16 weeks of delivery of ordered material or as per directions of Nodal Officer at site.

3.41 Payment terms: The payment for Phase(s) will be released site wise:

| S#    | Phase  | Amount to Payment to be released   | Document(s) to be submitted for release of payment  | Remarks   |
|-------|--|--|---|---|
| Start | Letter of Acceptance (LOA)   | <p>The successful bidder(s) will submit total Performance Bank Guarantee (PBG) amounting to 10% of the tender value.</p> <p>This 10% PBG shall be split in 5 different PBGs with value as per section 3.42(d) PBG release schedule which shall be release as per this mentioned schedule.</p> <p>All the PBGs are to be issued in favour of Special Secretary (IT) and Treasurer, CRID within 10 days from the date of issuance of Letter of Acceptance (LOA) with validity as per Section 3.42(d).</p> <p>If the contract is extended, the PBGs shall also be extended similarly by the successful bidder(s).</p> |   |   |
| 1.    | <b>Phase-1:</b><br>Payment on Delivery of active & passive items & Inspection<br><br>Delivery Time: 16 Weeks   | 70% of the CAPEX (as per Format 2) amount per site<br><br>i.e. Switches, Servers / Computers with display, etc. and approximate passive components   | Invoice/s & delivery challans per site duly signed by the Nodal Officer(s) at the respective site and inspection reports per site duly signed by the Inspection Committee                             | This phase payment will be released after deduction of applicable SLA/penalties (if any).<br><br>Per site amount shall be derived based on the requirements of the components as available in the Site Survey report. |
| 2.    | <b>Phase-2:</b><br>Payment on Installation and Go-Live<br><br>Delivery Time: 20 Weeks  | 25% of the CAPEX (as per Format 2) amount per site   | Invoice/s, installation reports, Penta scanning reports and Go-live reports duly signed & stamped by Nodal Officer at sites.  | This phase payment will be released after deduction of applicable SLA/penalties (if any).   |
| 3.    | <b>Phase-3:</b><br>Payment on Acceptance of the LAN Project under scope and collective Go Live.<br>Delivery Time: After 30 days of phase 2 completion (i.e. after Go-Live for all sites) | Remaining 5% of the CAPEX (as per Format 2) amount for all sites   | Acceptance reports of newly set up LAN of all site(s) by Committee after 30 days of phase-2 Go-live along with submission of warranty certificates of all OEMs and detailed Project reports of sites. | Phase 3 shall be completed after all sites as per scope are commissioned.   |

| S# | Phase   | Amount to Payment to be released   | Document(s) to be submitted for release of payment  | Remarks  |
|----|---|--|---|--|
| 4. | <b>Phase-4</b><br>Payment of Resources/<br>Network Engineer(s) deployed | Half yearly payment of Manpower cost (as mentioned in Format 2) in 2 equal installments, from the next day of completion of Phase 3  | Invoice(s) and satisfactory certificate/ performance certificate from the Nodal Officers at site  | This phase payment will be released after deduction of applicable SLA/ penalties (if any). |
| 5. | <b>Phase 5</b><br>Warranty from year 2 to year 5                        | Payment for each year warranty as quoted against respective years in OPEX section of format 2 shall be released in 2 equal installments at the end of each 6 monthly cycle starting from the next day of completion of previous year warranty.<br><br>e.g. Payment for 2nd year warranty as quoted against "2nd year warranty for all items" in OPEX, shall be released in 2 equal installments at the end of 6 monthly cycle starting from the next day of completion of Phase 4 i.e. completion of 1 <sup>st</sup> year warranty | Invoice(s) along with , Incident Report / Service Call report and SLA compliance report verified by the respective Nodal Officer / HOD at the location. | This phase payment will be released after deduction of applicable SLA/ penalties (if any). |

## 3.42 Penalty clauses:

## a. Penalty for delay in delivery beyond the allotted time period (Phase-1) :

| a. Penalty for delay in delivery beyond the allotted time period (Phase 1): |   |  |        |        |        |        |   |        |        |        |
|---|---|--|--------|--------|--------|--------|---|--------|--------|--------|
| S#  | Penalty   | Duration of Delay (Weeks)  |        |        |        |        | Penalty Amount on delivery per site (%) |        |        |        |
| 1   | Penalty for delay in delivery beyond the allotted time period | Delay of first two weeks (14 days)   |        |        |        |        | 0.5% per week                           |        |        |        |
| 2   |   | Delay for next three weeks (21 days)   |        |        |        |        | 0.75% per week                          |        |        |        |
| 3   |   | Delay of next four weeks (28 days)   |        |        |        |        | 1% per week                             |        |        |        |
|   |   | Described as under:  |        |        |        |        |   |        |        |        |
|   |   | Week-1   | Week-2 | Week-3 | Week-4 | Week-5 | Week-6                                  | Week-7 | Week-8 | Week-9 |
|   |   | 0.50%  | 1.00%  | 1.75%  | 2.50%  | 3.25%  | 4.25%                                   | 5.25%  | 6.25%  | 7.25%  |
| 4   |   | In case of further delay, thereafter, CRID could cancel the order or give the order to other vendor on same rates or re-tender it and suitable action as stipulated in this tender document could be taken against the company / firm. |        |        |        |        |   |        |        |        |
| 5   |   | However, if, Purchasing Department opts to accept the items beyond the above-mentioned delay, 1% penalty per week would continue for any unjustified delay in delivery subject to maximum cap of 10% penalty.                          |        |        |        |        |   |        |        |        |
|   |   | The penalty will be calculated based on the CAPEX value of respective site.  |        |        |        |        |   |        |        |        |

**b. Delay in installation & commissioning - Phase 2:**

| S# | Penalty   | Duration of Delay (Weeks)   | Penalty Amount on total value (%)<br>Per site |
|----|---|---|---|
| 1  | Penalty for delay in installation beyond the allotted time period | Delay of first two weeks (14 days)  | 0.5% per week                                 |
| 2  |   | Delay for next three weeks (21 days)  | 0.75% per week                                |
| 3  |   | Delay of next four weeks (28 days)  | 1% per week                                   |
| 4  |   | In case of further delay, thereafter, CRID could cancel the order or give the order to other vendor on same rates or re-tender and suitable action as stipulated in this tender document could be taken against the company / firm.   |   |
| 5  |   | However, if, Purchasing Department opts to accept the installation beyond the above mentioned delay, 1% penalty per week would continue for any unjustified delay in installation subject to maximum cap of 10% penalty for site.<br><br>The penalty will be calculated based on the total CAPEX value of the respective site |   |

**c. Delay in achieving Collective Go- Live - Phase 3**

| S# | Penalty  | Duration of Delay (Weeks)   | Penalty Amount (%) - Collective |
|----|--|---|---------------------------------|
| 1  | Penalty for delay in achieving Collective Go- Live | Delay of first two weeks (14 days)  | 0.5% per week                   |
| 2  |  | Delay for next three weeks (21 days)  | 0.75% per week                  |
| 4  |  | In case of further delay, thereafter, CRID could cancel the order or give the order to other vendor on same rates or re-tender and suitable action as stipulated in this tender document could be taken against the company / firm. |                                 |
| 5  |  | However, if, Purchasing Department opts to accept the installation beyond above mentioned delay, 1.5% penalty per week would continue for any unjustified delay in installation subject to maximum cap of 10% penalty               |                                 |
|    |  | The penalty will be calculated based on the CAPEX value of the total project.   |                                 |

**d. PBG Release Schedule**

| PBG = 10% of TOTAL PROJECT Value |                            |                            |                            |                            |                            |
|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Years                            | Year 1                     | Year 2                     | Year 3                     | Year 4                     | Year 5                     |
| PBG Amounts                      | 16% of PBG                 | 16% of PBG                 | 20% of PBG                 | 24% of PBG                 | 24% of PBG                 |
| Release schedule                 | 24 months from date of LoA | 36 months from date of LoA | 48 months from date of LoA | 60 months from date of LoA | 72 months from date of LoA |

Note: All 5 PBGs are required to be submitted, in the format provided in Appendix 2, for the respective duration as per the 'Release Schedule' mentioned in the table above.

- 3.43 Additional Bonus: If the Successful Bidder completes the total installation work of all buildings, within 16 Weeks from the date of confirmation given to start the installation work, then the Successful Bidder will be paid additional bonus @0.5% on the total (L1 Bid) cost (excluding GST).



- 3.44 The vendor will depute a site-in-charge at each site for taking care of the delivered items and these will remain in the custody of the vendor only. Government will take ownership of the items after Go-live.
- 3.45 Lockable room will be provided at each site and lock and key of the room will be in the custody of the site-in-charge deputed by the vendor.
- 3.46 Issuance of delivered items to the commissioning teams will be taken care of by the site- in-charge.
- 3.47 Resident Engineers will be deputed for one year from the date of final acceptance of LAN.
- 3.48 The vendor will be required to work after office hours and/or during holidays/off days also. The work stoppage hours/days if any due to any reasons will not be exempted while calculating the total time take for completion of the work. The Nodal Officer of respective site may take the decision for condoning off the delay depending on the genuineness of the reason of delay.
- 3.49 SS (IT) AND TREASURER, CRID reserves the right to terminate the contract any time, in case the Supplier does not provide quality service during warranty period and liable for suitable action can be taken against supplier company/firm.
- 3.50 EMD will be released upon receipt of PBG.
- 3.51 Arbitration: In the eventually of any dispute the arbitration will be done as per the Arbitration and conciliation Act 1996 G.O.I.
- 3.52 Physical Damage repair / replacement: Any damage to the equipment installed due to user negligence shall be replaced on paid basis as per approved rates.

## **SECTION 4**

### **ELIGIBILITY CRITERIA**

#### 4. ELIGIBILITY CRITERIA

- 4.1. This RFP is open to all firms/companies within India, who are eligible to do business in India under relevant Indian laws as in force at the time of bidding.
- 4.2. Firm/company declared by GoH to be ineligible to participate for corrupt, fraudulent or any other unethical business practices shall not be eligible during the period for which such ineligibility is declared.
- 4.3. In case the entity is a defaulter in paying any dues to any of the Government Departments, the entity is not eligible for the tender. The bidder should submit Undertaking as placed at Annexure-13 & 14 in the technical bid.
- 4.4. Breach of any of the conditions of this tender document, work order, arrangement, contract with GoH may attract a proceeding to declare a firm/company ineligible for a certain period or certain number of consecutive tender calls at the option of CRID.
- 4.5. The concessions/benefits to MSEs and medium Enterprise are as per Haryana State Public Procurement Policy for MSMEs-2016, issued by Govt. of Haryana, Department of Industries & Commerce vide G.O. 2/2/2016-4IBII (1) dated 20.10.2016 and Amendment Memo No. 2/3/2018-4IB-II dated 23.04.2018 and their sub sequent amendments. Manufacturing Micro and Small Enterprises (MSEs including Khadi and Village Industries/Units) who have filed Entrepreneur Memorandum or any other document as per the above mentioned Notification and their amendments in Haryana in respect of the quoted items participate directly in tender and do not through any intermediaries (their dealers/agents. distributors), will not subcontract to any other firm and to carry the entire manufacturing at their enterprise. Concerned MSE will be required to submit a copy of Entrepreneur Memorandum in respect of its category of Micro/Small issued to the firm by the Industries Department Haryana as a part of technical bid.
- 4.6. Preference to Make In India criterion as per Notification of Department of Industries & Commerce, Government of Haryana i.e. "Haryana State Public procurement (Preference to Make in India)-2020, will not be applicable. OM for this MII exemption along with the list of items for which this exemption is applicable is given at Appendix 4: Make in India preference exemption order.
- 4.7. Any Bidder not meeting even one of the qualification criteria as mentioned below shall be summarily rejected. The Bidders shall enclose documentary evidence for fulfilling the Eligibility in the Technical Bid. If a bidder fails to enclose the documentary proof for eligibility, their bid will be summarily rejected.

#### Minimum Eligibility Criteria:

| S# | Clause   | Documents Required  |
|----|--|---|
| 1. | Processing fee for Tender should be submitted. | <p>The Payment for Tender Document Fee ₹5,900/- (Rupees Five Thousand Nine Hundred Only) i.e. (₹5,000/- + 18% GST) and ₹1,180/- eService Fee i.e. (₹1,000+18% GST) can be made by eligible bidders through Online Mode at NIC Portal in favor of Citizen Resources Information Department.</p> <p>Scanned copy of Online Payment Receipt should be uploaded with technical e-bid.</p> |

| S# | Clause   | Documents Required   |
|----|--|--|
| 2. | EMD should be submitted.   | <p>The EMD will be ₹90,00,000/- (Rupees Ninty Lakh only), wherein an amount of ₹5,00,000/- (Rupees Five Lakh only) can be made by eligible bidders through Online Mode at NIC Portal in favor of in favor of Citizen Resources Information Department and remaining ₹85,00,000/- (Rupees Eighty Five Lakh only) should be submitted in form of Bank Guarantee valid for at least 12 months.</p> <p>Scanned copy of Online Payment Receipt and Bank Guarantee should be uploaded with technical e-bid. This PBG will be returned on award of tender to the L1 Bidder.</p>   |
| 3. | The Signatory signing the Bid on behalf of the Bidder should be duly authorized by the Board of Directors of the Bidding Company to sign the Bid on their behalf.  | A Certificate from CS certifying that the Bidder is authorized by Board of Directors / Managing Director / CEO.  |
| 4. | <p>The bidder must be an OEM or their National Distributor. However, in case, OEM or their National distributors are not directly participating in the tender then the OEM can authorize any Indian firm/dealer/SI to participate in the tender.</p> <p>Bidder can also be a startup as defined by Govt. of Haryana, Industries &amp; Commerce Department vide policy circular no. 2/2/2016-4I-BII dated 13.08.2021. The said policy circular is available on the website of DGS&amp;D, Haryana i.e. <a href="http://dsndharyana.gov.in/en-us/Purchase/Rules-instruction-and-procedure/Instructions">http://dsndharyana.gov.in/en-us/Purchase/Rules-instruction-and-procedure/Instructions</a></p> | <p>Certificate / license of Manufacturing is required, in case bidder is an OEM.</p> <p>Certificate of dealership / authorization letter as per the Annexure-5 from OEM in case bidder is any National Distributor or Indian firm/dealer/SI etc.</p> <p>The OEM must be registered in India under the Indian Companies Act, 1956. (copy of Registration certificate must be submitted)</p> <p>In case bidder is a startup, the prior turnover and prior experience shall be applicable as defined by Govt. of Haryana, Industries &amp; Commerce Department vide policy circular no. 2/2/2016-4I-BII dated 13.08.2021. The clause of OEM/authorized distributor / Dealer / agent shall not apply for startups as startups have to bid directly</p> <p>(For Switches, Servers, Computers, Display, Cabling Components, Racks &amp; UPS)</p> |
| 5. | The bidder must be registered in India under the Indian Companies Act, 1956/ Partnership Act 1932/sole proprietorship (with VAT & Service Tax registration) firm and should be in existence in India for at least the last 3 financial years, as on date of submission of bid.   | The bidder shall provide the Certificate of Incorporation for Registered Companies, Partnership Deed for Partnership Firms / GST Registration Certificate for Sole Proprietorship Firms.   |
| 6. | <p>OEM Qualification Criteria</p> <p>The OEM should be in manufacturing of offered (or similar) products for at-least 3 out of last 5 financial years in addition to current year as on bid submission date for Active, UPS and cabling component.</p>   | <p>Copies of Supply orders/ Invoices/ Completion Certificate from the concerned supplier/ client, conforming the total quantity/ value and destination where supplied, be considered proving at least 3 years out of 5 years in manufacturing in one each from any of the following Financial Years 2019-20, 2021-22, 2022-23, 2023-24, 2024-25 current FY/ till bid submission date.</p> <p>(For Switches &amp; Cabling Components)</p>   |

| S#  | Clause   | Documents Required   |
|-----|--|--|
|     |  | For Cabling Component, order executed on behalf of private organizations may also be considered also cabling component quantity be taken cumulative as (CAT6 Cables, Fiber Cable, Patch cords etc.).   |
| 7.  | The OEM should have supplied the similar equipment of 200% (Two times) of estimated tender quantity of respective items in last 3 financial years. The orders should be executed on behalf of States or Central Govt./ PSUs/ Central or State Universities/ Scheduled banks/ Nifty 100 listed companies (as on date of submission) for switching and cabling components. | <p>Certified letter from the concerned Client(s) confirming the total amount, date of engagement and successful completion of order within the time stipulated in work order.</p> <p>i.e. 2022-23, 2023-24, 2024-25 current FY/ till bid submission date.</p> <p>(For Switches &amp; Cabling Components)</p>   |
| 8.  | Bidder Qualification Criteria Authorized distributor / dealer / agent etc., they should be in the business of Networking at least for any 3 financial years out of last 5 financial years.   | Copies of work orders or contract proving at least 3 years, one each from any of the following Financial Years 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, current FY/ till bid submission date.  |
| 9.  | The bidder average turnover during last 3 financial years should be at least 80% of the estimated tender value.  | Audited Balance sheet and Profit & Loss account statement and CA Certificate of the Bidder for each of the last 3 audited financial years i.e. 2021-22, 2022-23, 2023-24.  |
| 10. | The bidder should have executed orders in the last 3 financial years. The orders should be executed on behalf of States or Central Govt. / PSUs / Central or State Universities / Scheduled Banks.   | <p>Three completed orders each costing not less than the amount equal to 40% of the estimated cost.</p> <p>Or</p> <p>Two completed orders each costing not less than the amount equal to 50% of the estimated cost.</p> <p>Or</p> <p>One completed order costing not less than the amount equal to 80% of the estimated cost.</p> <p>For, 2022-23, 2023-24, 2024-25, current FY/ till bid submission date.</p> <p>(For Switches &amp; Cabling Components)</p> <p>(Work orders &amp; completion reports for Networking Projects or other projects with equivalent quantity of networking component where it includes installation and commission of active components along with UTP and fiber optic cable laying).</p> |
| 11. | The bidder should have positive net worth (measured as paid up capital plus free reserves) in any of two years out of 3 financial year i.e. 2021-22, 2022-23 & 2023-24   | <p>i) CA Certificate / Statutory Auditor Certificate of the Bidder confirming the net-worth and profit after Tax for each of the last 3 financial years.</p> <p>ii) The net worth of the Bidder firm (manufacturer or principal of authorized representative) should not be negative and also should have not eroded by more than 30% (thirty percent) in the last three financial years.</p>  |
| 12. | Should not have been black listed as on date of submission of Bid.   | An Undertaking as per the Annexure-2 to be submitted by bidder on non-judicial stamp paper.  |

| S#  | Clause  | Documents Required   |
|-----|---|--|
| 13. | Service Center  | There should be at least one OEM owned or authorized service center in Tri- city/ Haryana/ NCR. (For Switches, Servers, Computers, Display, & UPS)   |
| 14. | ISO Certification   | ISO 9001:2015/2018 or latest Certificate issued in the name of Bidder & OEM and ISO 14001 Certificate issued in the name of OEM for handling of hazardous items in the manufacturing process. (For Switches, Servers, Computers, Display, Cabling Components, Racks & UPS)   |
| 15. | Product certification   | As mentioned in the Technical Specification.   |
| 16. | Certifications / Compliance   | The Bidder should have all necessary certifications permissions, consents, NOCs, approvals as required under law for carrying out its business. The Bidder should have currently valid GST No. and PAN No.   |
| 17. | No Dispute with Bidder or their OEM/Principal   | At the time of submission of bids, there should be no dispute with the OEM/Bidder related to supply of any item placed by CRID. Bid of such OEM and their product/bidder will not be considered. (Annexure 13 & 14)  |
| 18. | The concessions/Benefits are allowed to MSMEs as per Haryana State Public Procurement Policy for MSMEs-2016 | The details of Haryana State Public Procurement Policy for MSMEs-2016 can be obtained from website of Directorate of Supplies & disposal Haryana ( <a href="http://dsndharyana.gov.in/writereaddata/Document/1_93_1_msme_policy.pdf">http://dsndharyana.gov.in/writereaddata/Document/1_93_1_msme_policy.pdf</a> ) |

**Note:-** For MSME, Start up, the turnover, experience and other conditions will be applicable as per Haryana State Govt. Guidelines issued time to time.

**Relaxations to Micro Small and medium Enterprise registered in Haryana: -**

**A. Concessions/benefits Micro-Small: -**

| S# | Area as part of qualifying requirements | Concession benefits allowed to MSEs.   | Eligibility  |
|----|---|--|--|
| 1. | Tender Fee                              | Exemption on the payment of Tender Fee subject to fulfillment of conditions as per eligibility   | Manufacturing Micro & Small Enterprises (MSEs) (including Khadi & village industries/ Units) who have filed SSI Certificate/EM Part-II/Udyog Aadhaar Memorandum (UAM)/Udyam Registration in Haryana (applicable and valid on that date as per Govt. instructions) in respect of the quoted items, participate directly in tender and not through any intermediaries (their dealers/ agents/ distributors), will not subcontract to any other firm and to carry the entire manufacturing at their enterprise.<br><br>Concerned MSE will be required to submit |
| 2. | Earnest Money Deposit (EMD)             | Exemption on the payment of Earnest Money deposit (EMD) subject to fulfillment of condition a per eligibility.                           |  |
| 3. | Performance Security                    | 90% concession on Performance Security as applicable to other Haryana based firms subject to fulfillment of condition as per eligibility |  |

| S# | Area as part of qualifying requirements | Concession benefits allowed to MSEs.  | Eligibility   |
|----|---|---|---|
| 4. | Turnover                                | <p>a. Micro Enterprises: Concession of 80% on Turnover condition imposed as qualifying criteria.</p> <p>b. Small Enterprises: Turnover condition imposed as qualifying</p>  | the copy of SSI Certificate /EM Part-II/ Udyog Aadhaar Memorandum (UAM)/ Udyam Registration in Haryana (Applicable and valid on that date as per Govt. instructions) in respect of its category of Micro/ Small issued to the firm by the Industries Department Haryana as part of Technical Bid.   |
| 5. | Past Performance & Experience           | Exempted in respect of Past Performance & Experience as part of qualifying Requirement of the tender subject to fulfillment of condition as per eligibility   | Manufacturing Micro & Small Enterprises (MSEs) (including Khadi & village Industries/ Units) who have filled SSI Certificate /EM Part-II/ Udyog Aadhaar Memorandum (UAM)/ Udyam Registration in Haryana (Applicable and valid on that date as per Govt. instructions) in Haryana and Further:   |
| 6. | Purchase Preference                     | 50% of the total tendered quantity provided quoting price within band of L-1+15% by bringing down their price to L-1 and subject to condition that it agrees to fulfillment of other terms & conditions of the tender and further subject to fulfillment of conditions as per eligibility | <p>a) Those MSEs have Qualified Certification of ISI/ISO/AgMark/Quality Mark issued from competent authority in State or Central Govt. in respect of the item/ Goods mentioned in the tender. The firm will be required to submit the detailed information in respect of above through an affidavit as per the format enclosed as "Annexure 10"</p> <p>OR/AND</p> <p>b) Those who are registered with DGS&amp;D/ NSIC /GOI Department/ State Govt. Department/GOI PSUs/State Govt. PSUs in respect of the item/goods mentioned in the tender.</p> <p>The firm will be required to submit the detailed information in respect of above through an Undertaking as per the format enclosed as Annexure-10.</p> |

**B. Concessions/benefits to Medium Enterprises: -**

| S# | Area as part of qualifying Requirements | Concessions/benefits allowed to medium Enterprises  | Eligibility   |
|----|---|---|---|
| i. | Past Performance & Experience           | Exemption on Qualifying Requirement of Past Performance & Experience as part of Qualifying Requirements of the tender subject to the tender subject to fulfillments of conditions as per eligibility. | Manufacturing Medium Enterprises of the State that have filed SSI Certificate/ EM Part-II/ Udyog Aadhaar Memorandum (UAM)/ Udyam Registration in Haryana (Applicable and valid on that date as per Govt. instructions for quoted items in Haryana, participate directly in tender and not through any intermediaries (their |

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| S#  | Area as part of qualifying Requirements | Concessions/benefits allowed to medium Enterprises  | Eligibility   |
|-----|---|---|---|
| ii. | Purchase Preference                     | 10% of the total tendered quantity provided quoting price within band of L-1+15% by bringing down their price to L-1 and subject to condition that it agrees to fulfillment of other term & conditions of the tender and further subject to fulfillment of conditions as per eligibility. | dealers/agents/ Distributors), and will not subcontract to any other firm and to carry the entire manufacturing at their enterprise. This concession will be applicable only for one year to newly registered Medium Enterprises or Medium Enterprises of State who are not eligible in State Public Procurement due to eligibility criteria of part performance & Experience. The Firm will be required to submit the detailed information in respect of above through an affidavit as per the format enclosed as Annexure-11. |

Any Bid failing to meet the above stated Qualification criteria shall be summarily rejected and will not be considered for Financial Evaluation.



## **SECTION 5**

### **MINIMUM TECHNICAL SPECIFICATIONS**

## 5. MINIMUM TECHNICAL SPECIFICATIONS OF THE PRODUCTS:

Please note that the specifications given below are the minimum suggested technical specifications. Bidders are free to offer any specification over and above the minimum indicated. The bidders are further required to submit the technical brochures along with the technical bid besides filling the technical Performa at annexure-4. The product offered should be available on public domain.

### 5.1. Core Switch:

| Core Switch         |  |
|---------------------|--|
| S#                  | Minimum required Technical Specifications for Core Switch (L3)   |
| <b>Form Factor</b>  |  |
| 1                   | 19" Rack Mountable 1U Height with Redundant Power Supply (RPS) from day 1  |
| <b>Architecture</b> |  |
| 2                   | Switch Should support memory of minimum 8 GB DRAM and 8 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability |
| 3                   | The switch throughput of minimum 2 Tbps or more without compromising on Switching & routing performance from day 1   |
| 4                   | Traffics handling capacity should be minimum 800 Mpps from Day 1   |
| 5                   | Should support jumbo frames  |
| 6                   | The switch should have Redundant, Hot Swappable Power supply from day one  |
| 7                   | Should have at least 100k IPv4, 50k IPv6 routes and minimum of 14k Multicast Routes  |
| 8                   | Switch should support Clustering/stacking of at least 2 switches through stacking / MC-LAG or equivalent technology  |
| 9                   | All modules/ SFP, fan trays & Power supplies should be hot swappable   |
| <b>Interfaces</b>   |  |
| 10                  | Minimum 24 x 1/10/25 Gbps SFP+ from day 1 (SM/MM SFPs as per requirement)  |
| 11                  | Should support at least 4 x 40/100 Gbps Uplink Interfaces (SM/MM SFPs as per requirement)  |
| <b>Protocols</b>    |  |
| 12                  | Should have static routing, RIP, OSPF, OSPFv3, <b>uRPF/RPF</b> , VRRP, PBR, IP SLA/RPM or equivalent PIM, PIM SSM, BGP, MPLS L3 VPN, Layer 2 VPN / <b>EVPN</b>             |
| 13                  | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP   |
| 14                  | Should Support Segmentation Protocol Network segmentation protocols VXLAN and VRF/virtual router, EVPN.  |
| 15                  | At least 32K MAC Addresses and at least 4000 active VLAN.  |

| Core Switch        |   |
|--------------------|---|
| S#                 | Minimum required Technical Specifications for Core Switch (L3)  |
| 16                 | Should Support management protocols SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |
| 17                 | IPv6 Ready from day 1   |
| Security           |   |
| 18                 | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |
| 19                 | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |
| 20                 | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN /Remote Port Mirroring  |
| 21                 | Should support SDN functionality using open /REST APIs/NETCONF/RESTCONF using YANG/XML data models for external tools to automatically provision network resources/configuration from day one.  |
| 22                 | Should support QOS 802.1p class of service, marking, classification, policing and shaping and at least eight egress queues.   |
| 23                 | The switch/ switch series and Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria.  |
| 24                 | All required Cables, Accessories and Licences should be provided from Day-1   |
| Warranty & Support |   |
| 25                 | 5 Years on-site warranty & support from the date of Acceptance  |
| 26                 | Secure boot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software.  |

## 5.2. Distribution Switch:

| Distribution Switch |  |
|---------------------|--|
| S#                  | Minimum required Technical Specifications for Distribution Switch  |
| Form Factor         |  |
| 1                   | 19" Rack Mountable 1U Height with Redundant Power Supply (RPS) from day 1  |
| Architecture        |  |
| 2                   | Switch Should support memory of minimum 4 GB DRAM and 4 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability |

| Distribution Switch |   |
|---------------------|---|
| S#                  | Minimum required Technical Specifications for Distribution Switch   |
| 3                   | The single switch throughput of minimum 1 Tbps or more from day 1   |
| 4                   | Single switch traffic handling capacity should be minimum 500 Mpps from Day 1   |
| 5                   | Minimum MAC Addresses 32K   |
| 6                   | Should support jumbo frames   |
| 7                   | The switch should have Redundant Power supply from day one  |
| 8                   | Should have at least 100k IPv4, 50k IPv6 routes and minimum 14k Multicast Routes  |
| 9                   | All modules/ SFP, fan trays & Power supplies should be hot swappable  |
| Interfaces          |   |
| 10                  | Minimum 24 x 1/10/25 Gbps SFP+ Ports from day 1 (SM/MM SFPs as per requirement)   |
| 11                  | Should support at least 4 x 10/25 Gbps or 4 x 40/100 Gbps Uplink Interfaces (SM/MM SFPs as per requirement).<br><br>However, if offered ports are 4 x 40/100 Gbps then the SI shall provision needful connectivity to the downlink ports of Core switch without any extra cost to the purchaser.      |
| Protocols           |   |
| 12                  | Should have static routing, RIP, OSPF, OSPFv3, uRPF/RPF, VRRP, PBR, IP SLA/RPM or equivalent, PIM, PIM SSM  |
| 13                  | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP  |
| 14                  | Segmentation Protocol Network segmentation protocols VXLAN and VRF/virtual router, EVPN.  |
| 15                  | At least 32K MAC Addresses and at least 1000 active VLAN.   |
| 16                  | Should Support management protocols SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |
| 17                  | IPV6 Ready from day 1   |
| Security            |   |
| 18                  | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |
| 19                  | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |
| 20                  | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN /Remote Port Mirroring  |

| Distribution Switch |   |
|---------------------|---|
| S#                  | Minimum required Technical Specifications for Distribution Switch   |
| 21                  | Should support SDN functionality using open / REST APIs/NETCONF/RESTCONF using YANG/XML data models for external tools to automatically provision network resources/configuration from day one. |
| 22                  | Should support QOS 802.1p class of service, marking, classification, policing and shaping and at least eight egress queues.   |
| 23                  | The switch/ switch series and Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria.  |
| 24                  | All required Cables, Accessories and Licences should be provided from Day-1   |
| Warranty & Support  |   |
| 25                  | 5 Years on-site warranty & support from the date of Acceptance  |
| 26                  | Secureboot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software.                               |

### 5.3. Edge Switch:

| Edge Switch  |  |
|--------------|--|
| S#           | Minimum required Technical Specifications for Edge Switch  |
| Form Factor  |  |
| 1            | 19" Rack Mountable 1U Height   |
| Architecture |  |
| 2            | Switch Should support memory of minimum 4 GB DRAM and 4 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability |
| 3            | The switch throughput of minimum 148 Gbps from day 1   |
| 4            | Traffic handling capacity should be minimum 95 Mpps from Day 1   |
| 5            | Should support jumbo frames  |
| 7            | Minimum MAC Addresses 24K  |
| 8            | All modules/SFP should be hot swappable  |
| Interfaces   |  |
| 9            | Minimum 24 x 1G copper ports from day 1  |
| 10           | Should have at least 2 x 10G / 25G Uplink Interfaces   |
| Protocols    |  |
| 11           | Should support Static, OSPF, PIM   |

| Edge Switch        |   |
|--------------------|---|
| S#                 | Minimum required Technical Specifications for Edge Switch   |
| 12                 | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP  |
| 13                 | Should Support Access List/ Firewall Filters, IPv6, NTP, SNMP, TACACS/RADIUS AAA, IEEE 802.1Q VLAN  |
| 14                 | IPv6 Ready from day 1   |
| Security           |   |
| 15                 | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |
| 16                 | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |
| 17                 | Should Support Access List/ Firewall Filters, QoS, Policy based routing, IPv6, NTP, SNMP, TACACS/RADIUS AAA   |
| 18                 | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN / remote port mirroring   |
| 19                 | The switch/ switch series/ Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria  |
| 20                 | All required Cables, Accessories and Licences should be provided from Day-1   |
| Warranty & Support |   |
| 21                 | 5 Years on-site warranty & support from the date of Acceptance  |
| 22                 | Secure boot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software.  |

#### 5.4. Passive Cabling:

| S# | Item                   | S# | Passive Specifications   |
|----|------------------------|----|--|
| 3  | Multi Mode Fiber Cable | 1  | FIBER CABLE OUTDOOR 6 CORE OM4 MULTIMODE   |
|    |                        | 2  | Minimum Cores 6 OM4  |
|    |                        | 3  | The Fiber is optimized for operation at 850 nm and 1300 nm.  |
|    |                        | 4  | 50/125 µm MM Fiber   |
|    |                        | 5  | Should be as per IEC 60794-1-2 E1; IEC 60794-1-2 E11; IEC 60794- 1-2 E3; IEC 60794-1-2 F1; IEC 60794-1-2 E4; IEC 60794-1-2 E7; IEC 60794-1-2 E10 |
|    |                        | 6  | Should be Armored with ECCS tape (i.e. Corrugated Steel Tape Armoured)   |
|    |                        | 7  | Cable Jacket material : Low Smoke Zero Halogen   |

| S# | Item                         | S# | Passive Specifications  |
|----|------------------------------|----|---|
|    |                              | 8  | Central Loose Tube Jelly Compound, Glass Yarn / Water swelling tape in between Steel Tape & Loose Tube.   |
|    |                              | 9  | Outer diameter should be in range of 9 mm to 16 mm  |
|    |                              | 10 | Thickness of the Jacket Should be in range of 1.5 mm to 2.5 mm  |
|    |                              | 11 | Pulling Tension: Short Term at least 1500N, Long term at least 800N, Crush Load: at least 2000N/100mm   |
|    |                              | 12 | The Fiber Operating Temperature: -10°C to +60°C   |
|    |                              | 13 | The Fiber Max Attenuation should be $\leq 3.5$ dB/KM for 850nm- & $\leq 1.5$ dB/KM for 1300nm.  |
| 4  | Multi Mode Fiber Patch Cords | 1  | Patch Cord: OM4 3, 5, 9 meters or Higher  |
|    |                              | 2  | Patch Cord Should be Multi Mode OM4 Bend optimised  |
|    |                              | 3  | Type of Connector: LC-LC  |
|    |                              | 4  | Jacket Material: LSZH   |
|    |                              | 5  | Should have provision for Visual coding / tagging and latching provision.   |
|    |                              | 6  | Certifications: ETL /UL as per the standards ANSI//TIA/EIA latest   |
| 5  | LIU                          | 1  | LIU 6/12/24 Port Rack Mountable 19" Loaded with LC Duplex Adaptors, Pigtails and Splice Holders   |
|    |                              | 2  | Metal sliding style Loaded as per design for 6/12/24/48 Fiber with Easily removable Top plate / Front Cover with Push Buttons   |
|    |                              | 3  | 6/12/24/48 Port LC Type 1U  |
|    |                              | 4  | Should include Single Mode or Multi Mode Pigtails and Adaptors as per design and BOQ.   |
|    |                              | 5  | Tray Material should be ABS   |
|    |                              | 6  | Adaptors should have dust covers  |
|    |                              | 7  | LIU enclosure Design & Material must have provision for Rodent Entry Control / Protection (i.e. to prevent entry of Rodents inside LIU)   |
|    |                              | 8  | Should have provision for Visual coding / tagging and latching provision.   |
| 6  | Cat6 UTP Cable               | 1  | CAT 6, 4 Pair UTP LSZH Cable  |
|    |                              | 2  | Category 6 cable shall have valid verified certificate in channel from ETL / UL and complies with the Cat 6A performance requirements of edition 1.0 of latest (ISO/IEC 11801-1,) The Cat 6 requirements of ANSI/EIA/TIA-568.2-D Flame retardancy is verified according to latest IEC 60332-1-2, edition 3.1 of IEC 61034-2:2013 and edition 2.0 of IEC 60754- 2:2011. In case of single cable. Certificate Number Must be declared |
|    |                              | 3  | Category 6 UTP cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, UTP Solid bare Copper (Conductor Size: 23 AWG Solid type).  |

| S# | Item   | S# | Passive Specifications   |
|----|--|----|--|
|    |  | 4  | Category 6 should operate on bandwidth up to 250MHz as per International standard.   |
|    |  | 5  | 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.   |
|    |  | 6  | Conductor Insulation material should be High Density Polyethylene/Polyolefin & Sheath: LSZH, Insulation Thickness 0.2 mm Nominal                                   |
|    |  | 7  | Operating Temperature Range: - 5°C to +60°C  |
| 7  | Cat6 Information Outlet with Single Port Face Plate and Gang Box | 1  | CAT6 INFORMATION OUTLET with Single Port Face Plate of 86 mm x 86 mm and Gang Box  |
|    |  | 2  | RJ-45 Category 6   |
|    |  | 3  | Terminating 4 Pairs 23 AWG UTP cable.  |
|    |  | 4  | Comply with ANSI/TIA/EIA-568-D   |
|    |  | 5  | Operating life: Minimum 500 insertion cycles   |
|    |  | 6  | Certifications: UL / ETL Verified as per the TIA / ANSI / EIA  |
|    |  | 7  | Connection module should be CAT 6 with Reliable insulation displacement contacting (IDC) (dust cover to be provided as part of the I/O or Faceplate)               |
|    |  | 8  | Each module should have a Label with colour wiring Configuration T568A/T568B.  |
|    |  | 9  | OEM to submit UL / ETL Verified certificate/report as per TIA / ANSI/ EIA standards.   |
| 8  | Cat6 Jack Panel Loaded   | 1  | 24 PORT CAT6 JACK PANEL/PATCH PANEL LOADED   |
|    |  | 2  | 24 Port RJ-45 Category 6 Patch Panel Fully Loaded  |
|    |  | 3  | 1RU Height   |
|    |  | 4  | Terminating 4 Pairs 23 AWG UTP cable.  |
|    |  | 5  | Comply with proposed ANSI/TIA/EIA-568-C.2.   |
|    |  | 6  | Operating life: Minimum 200 insertion cycles   |
|    |  | 7  | Certifications: UL / ETL Verified as per the TIA / ANSI/ EIA   |
|    |  | 8  | Panel should supply with 19" Rack mountable, Port number 1-24 on the front of the panel, Each keystone Jack should have a colour wiring Configuration T568A/T568B. |
|    |  | 9  | Should have self-adhesive, clear label holders and designation labels with the panel, with optional colour labels / icons.   |
|    |  | 10 | Material: sub-rack made of sheet steel 1.5 mm, panel frame / screen made of plastic (ABS), halogen-free.   |
|    |  | 11 | Each Port / Jack on the panel should be individually removable on field from the panel.  |
| 9  | Cat6 Patch Cords   | 1  | UTP Cat 6 Patch Cord.  |
|    |  | 2  | RJ-45 4 Pair Category 6 Patch Cords - 1, 2 & 3 Meters  |
|    |  | 3  | 8-position modular plugs on both ends with factory moulded Boot/strain relief clip.  |
|    |  | 4  | Conductor size: 24 -26 AWG stranded bare copper  |
|    |  | 5  | Operating life: Minimum 500 insertion cycles   |



| S# | Item | S# | Passive Specifications                           |
|----|------|----|--|
|    |      | 6  | Contact blade: Copper Alloy                      |
|    |      | 7  | Contact plating: at least 1.27 µm Gold or better |

### 5.5. Racks

| S# | Required Minimum Specifications  |
|----|--|
| 1  | Racks Size: 42U DIN Std. No. 41494 or equivalent                               |
| 2  | Width * Depth: 800 MM x 1000 MM  |
| 3  | Well Painted / Coated Steel Body   |
| 4  | Completely covered & have security locks                                       |
| 5  | All covers can be removed & openable from all sides                            |
| 6  | Uninhibited access to all mounting points inside the racks                     |
| 7  | Proper ventilated with minimum four fans                                       |
| 8  | 2 nos. Vertical Cable Manager  |
| 9  | Min. 5 Nos. Horizontal Cable Manager   |
| 10 | Power cable management   |
| 11 | Two Power strips having 10 x 5A/15A sockets with MCB each                      |
| 12 | Adjustable shelf & accessories to accommodate equipment's                      |
| 13 | Should have floor standing on 360 degree rollers and front rollers with brakes |
| 14 | UL (Under Laboratory) Listed / ISO 14001.                                      |
| 15 | Warranty: 5 Years onsite warranty & support                                    |
| S# | Required Minimum Specifications  |
| 1  | Racks Size: 9U / 12U DIN Std. No. 41494 or equivalent                          |
| 2  | 19" equipment mounting   |
| 3  | Width * Depth: 600 MM x 500 MM   |
| 4  | Top and Bottom Panel with ventilation and cable entry facility                 |
| 5  | Well Painted / Coated Steel Body   |
| 6  | Lockable Toughened Glass Door  |
| 7  | At least 01 Cooling Fan on the Top Panel                                       |
| 8  | 1U Horizontal Cable Manager (Qty. as per requirements)                         |
| 9  | Power Distribution Unit  |
| 10 | UL (Under Laboratory) Listed / ISO 14001.                                      |
| 11 | Warranty: 5 Years onsite warranty & support                                    |

### 5.6. PC:

| Type      | Parameter                  | Required Minimum Specification                                   |
|-----------|----------------------------|--|
| Processor | Generation                 | Intel® Core™ i5 Processor 11 <sup>th</sup> Generation or higher. |
|           | CPU Architecture           | x64  |
|           | Speed (Min Base Frequency) | 2.5 GHz or higher  |
|           | Turbo Frequency            | 4.4 GHz or higher  |
|           | Cores                      | Min. 6   |
|           | Threads                    | Min. 12  |

| Type               | Parameter  | Required Minimum Specification  |
|--------------------|--|---|
|                    | Cache  | 12 MB or higher   |
| Mother Board       | Sound/ Audio System  | Integrated  |
|                    | Memory   | 1x16 GB DDR-IV (2933 MHz) or higher expandable up to 64 GB (Min. 2 DIMM) or higher  |
|                    | Video Graphics   | Integrated Graphics   |
|                    | PCI Slot   | Minimum 1 PCI Express x 16  |
| Hard disk Drive    | 512 GB SSD + 1 TB SATA (7200 RPM) or higher or 1 TB SSD or higher Capacity |   |
| Display            | Screen Size  | 19.5" or more TCO 08 certified  |
|                    | Display Technology   | Active Matrix TFT LCD (Backlit LED)   |
|                    | Resolution   | 1600x900 or higher  |
| Keyboard           | Standard USB OEM make  |   |
| Mouse              | Optical/Laser USB OEM make   |   |
| Operating System   | Preloaded OS   | -   |
|                    | Additional OS supported  | -   |
| Miscellaneous      | Ports, Security & Misc.  | Minimum 6 USB Ports (Out of which 3 USB 3.0 ports and minimum 2 USB ports should be at front), 10/100/1000 Ethernet Card, 1x VGA/DP, 1x Display Port/HDMI, Microphone & Stereo Headphone/ Combo port and other standard ports, TPM 2.0 or higher. |
|                    | Power Supply   | 260 W or less Power supply ( $\geq 85\%$ efficient), Active PFC or higher   |
|                    | Volume   | $\leq 15.5$ Liters  |
| Warranty & support | Min. 5 years onsite comprehensive Warranty & support.                      |   |

### 5.7. Display:

| Display |                          |   |
|---------|--------------------------|---|
| S#      | Features                 | Minimum required Technical Specifications for Display |
| 1.      | Display Size             | 55" or Higher   |
| 2.      | Type                     | LED (Backlit LCD)                                     |
| 3.      | Grade                    | Industrial 16/7                                       |
| 4.      | Native Resolution        | 3840 x 2160 (4K FHD)                                  |
| 5.      | Brightness               | 350 Nits or Higher                                    |
| 6.      | Contrast Ratio           | 4000:1 or Better                                      |
| 7.      | Viewing Angle            | 178 x 178   |
| 8.      | Min. Input Ports         | 2 HDMI (2.0), 1 x USB 2.0, 1 x RJ45                   |
| 9.      | Operation Temperature    | 0 °C to 40 °C or better                               |
| 10.     | Operation Humidity       | 10 % to 80 % or better                                |
| 11.     | Power Type               | AC 100 - 240 V, 50/60 Hz                              |
| 12.     | Certificates & Approvals | CB/UL, BIS, EMC Class A compliant                     |

| Display |                    |   |
|---------|--------------------|---|
| S#      | Features           | Minimum required Technical Specifications for Display             |
| 13.     | Accessories        | Wall Mount Bracket, Remote Control, Cables & 10 Meters HDMI Cable |
| 14.     | Warranty & Support | 5 Years warranty & support from the Date of Acceptance            |

### 5.8. UPS Systems:

| S# | Description                                | 2 KVA Online   |
|----|--|--|
| 1  | Technology                                 | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring   |
| 2  | Isolation                                  | NA   |
| 3  | Input Voltage Range                        | 160-270 VAC  |
| 4  | Input Power Factor                         | >0.9   |
| 5  | Input Frequency                            | 45-55Hz  |
| 6  | Out Put Voltage                            | 230+/-2%, 50Hz   |
| 7  | Output Power Factor                        | 0.8  |
| 8  | Frequency                                  | 50Hz+/-0.5%  |
| 9  | Efficiency                                 | >85%   |
| 10 | Wave Form                                  | Pure Sine wave   |
| 11 | Total Harmonic Distortion (THD)            | <3% for linear load, & 6% nonlinear load   |
| 12 | Over Load Capacity                         | Up to 125% for 60 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load   |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries with Minimum of 6048 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | <8 hours up to 90%.  |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant   |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit  |
| 18 | Operating Temperature                      | 0-50°C   |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility   |
| 20 | Noise:                                     | <50dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.   |
| 22 | Compatibility                              | DG Set   |

| S# | Description | 3 KVA Online   |
|----|-------------|--|
| 1  | Technology  | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring |
| 2  | Isolation   | NA   |

| S# | Description                                | 3 KVA Online   |
|----|--|--|
| 3  | Input Voltage Range                        | 160-270 VAC  |
| 4  | Input Power Factor                         | >0.9   |
| 5  | Input Frequency                            | 45-55Hz  |
| 6  | Out Put Voltage                            | 230+/-2%, 50Hz   |
| 7  | Output Power Factor                        | 0.8  |
| 8  | Frequency                                  | 50Hz+/-0.5%  |
| 9  | Efficiency                                 | >85%   |
| 10 | Wave Form                                  | Pure Sine wave   |
| 11 | Total Harmonic Distortion (THD)            | <3% for linear load, <6% nonlinear load  |
| 12 | Over Load Capacity                         | Up to 125% for 60 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load   |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries with Minimum of 9600 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | <8 hours up to 90%.  |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant   |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit  |
| 18 | Operating Temperature                      | 0-50°C   |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility   |
| 20 | Noise:                                     | <50dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.   |
| 22 | Compatibility                              | DG Set   |

| S# | Description                     | 5 KVA Online   |
|----|---------------------------------|--|
| 1  | Technology                      | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring     |
| 2  | Isolation                       | UPS must be provided with Internal Isolation Transformer at output for total isolation between input & output. |
| 3  | Input Voltage Range             | Single Phase, 160-270 VAC  |
| 4  | Input Power Factor              | >0.9   |
| 5  | Input Frequency                 | 45-55Hz  |
| 6  | Out Put Voltage                 | Single Phase 230+/-2%, 50Hz  |
| 7  | Output Power Factor             | 0.8 for 5 KVA/0.7 for 6KVA   |
| 8  | Frequency                       | 50Hz+/-0.5%  |
| 9  | Efficiency                      | >85%   |
| 10 | Wave Form                       | Pure Sine wave   |
| 11 | Total Harmonic Distortion (THD) | <3% for linear load, <6% nonlinear load  |

| S# | Description                                | 5 KVA Online  |
|----|--|---|
| 12 | Over Load Capacity                         | Upto 125% for 60 Sec & upto 150% load for 30 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load  |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries Minimum of: 14400 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | <8 hours up to 90%.   |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant  |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit   |
| 18 | Operating Temperature                      | 0-50°C  |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility  |
| 20 | Noise:                                     | <50dB up to 1 meter   |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.  |
| 22 | Compatibility                              | DG Set  |

| S# | Description                           | 10 KVA online   |
|----|---------------------------------------|---|
| 1  | Technology                            | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring  |
| 2  | Isolation                             | UPS must be provided with Internal Isolation Transformer at both input and output for total isolation between input & output.   |
| 3  | Input Voltage Range                   | Three phase (320 - 480 VAC)   |
| 4  | Input Power Factor                    | >0.9  |
| 5  | Input Frequency                       | 45-55Hz   |
| 6  | Out Put Voltage                       | Single Phase 230+/-2%,  |
| 7  | Output Power Factor                   | 0.8   |
| 8  | Frequency                             | 50Hz+/-0.5%   |
| 9  | Efficiency                            | >85%  |
| 10 | Wave Form                             | Pure Sine wave  |
| 11 | Total Harmonic Distortion (THD)       | <3% for linear load, <6% nonlinear load   |
| 12 | Over Load Capacity                    | Upto 125% for 60 Sec & upto 150% load for 30 Sec  |
| 13 | Back up Time                          | Minimum 2 hours back up on full load  |
| 14 | Battery, Backup and with Battery Rack | SMF Li-ion Batteries Minimum of: 32000 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                      | 2A -10A Configurable  |
| 16 | Battery Make                          | DGS&D or JIS C8702 compliant  |
| 17 | Protections                           | Low Battery, over load, over temperature, short circuit   |
| 18 | Operating Temperature                 | 0-50°C  |
| 19 | Optional                              | RS 232/USB, SNMP Compatibility  |

| S# | Description                                | 10 KVA online  |
|----|--|--|
| 20 | Noise:                                     | <65dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification. |
| 22 | Compatibility                              | DG Set   |

**NOTES:**

1. The cost of all hardware items should include mandatory 5 years onsite comprehensive Original Equipment Manufacturer's warranty.
2. If required, the sample of all the passive components along with proper certifications as mentioned above must be submitted with technical bid except UPS, wall mount racks, conduits.
3. The quoted products should not be end of sale / life for next 2 years and OEM support of the same should be available for next 5 years after end of life / sale.
4. The details of offered service support pack should be provided with complete switch compliance.
5. The Successful bidder is required to supply the latest updates, patches and upgrades of Network / LAN Management Software, Switch OS updates free of cost during the warranty period.
6. The quoted rates should be inclusive of preparing of cable layout / diagram, digging, refilling, trenching, relieving, laying of conduit, channel, cable tray, cable, punching, fixing of active & passive components, tagging of patch cords etc.
7. The arrangement/option/quantity may increase or decrease. The quantity of all active & passive components mentioned in offered bill of material is tentative and may vary as per site requirement & will be paid as per actual consumption. Variable quantity like cable, Fiber cable, Patch Cords, I/Os, conduit etc. can also be supplied during installation as per site requirement for network operational. The bidder must conduct a site survey at its own cost for finalizing the adequate BoQ at all locations before installation and commissioning.
8. In case of any additional item, as per site requirement, like Switch, Jack Panel, Rack etc. is required the same be provided / installed by supplier after written confirmation by respective nodal officer at site. The copy of the same is required to be forward to CRID.
9. Proper tagging of all cables including uplink with number is prepared by supplier & the copy of the same is submitted to the nodal officer.
10. The list of IP addresses including Computer Name, IP Address, Workgroup / Domain is to be prepared by the supplier & provide to the nodal officer for future reference. The copy of the same is forward with installation report to CRID.
11. Power Source: Power source will be decided at the time of site survey.
12. Any Indian product is allowed which meets all the specifications subject to "Standardization Testing and Quality Certification (STQC) certification for trusted supply chain compliance".

**Note:** The Compliance should be submitted as per Minimum Technical Specifications on OEM & Bidder letterhead along with products / items Data Sheet for offered make & model.

## **SECTION 6**

### **GENERAL INSTRUCTIONS AND BID PREPARATION AND SUBMISSION**

---

## 6. GENERAL INSTRUCTIONS

6.1.1. The Bidders are requested to examine the instructions, terms and conditions and specifications given in this tender document. Failure to furnish all required information in every respect will be at the Bidder's risk and may result in the rejection of bid.

6.1.2. The Bidder (s) shall be deemed to have satisfied itself fully before Bidding as to the correctness and sufficiency of its/their Bids for the Contract and price quoted in the Bid to cover all obligations under this Tender.

6.1.3. It will be imperative for each Bidder(s) to familiarize itself / themselves with the prevailing legal situations for the execution of Contract. CRID shall not entertain any request for clarification from the Bidder regarding such legal aspects of submission of the Bids.

6.1.4. It will be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bids and no claim whatsoever including those of financial adjustments to the Contract awarded under this tender will be entertained by CRID. Neither any time schedule nor financial adjustments arising thereof shall be permitted on account of failure by the Bidder to appraise themselves.

6.1.5. It must be clearly understood that the Terms and Conditions and Specifications are intended to be strictly enforced. No escalation of cost in the Tender by the Bidder will be permitted throughout the period of Contract or throughout the period of completion of Contract whichever is later on account of any reasons whatsoever.

6.1.6. The Bidder shall make all arrangements as part of the Contract to supply commission and train the beneficiaries at various locations at their own cost and transport.

6.1.7. The Bidder shall be fully and completely responsible to CRID and State Government for all the deliveries and deliverables.

### 6.2 Clarifications in the Tender

6.2.1 A prospective Bidder requiring any clarification in the Tender may notify CRID by E-mail to [rahul.narwal@nic.in](mailto:rahul.narwal@nic.in), [sit@hry.nic.in](mailto:sit@hry.nic.in) with a copy to [addl-cito.crid@hry.gov.in](mailto:addl-cito.crid@hry.gov.in), [munishchandan.crid@hry.gov.in](mailto:munishchandan.crid@hry.gov.in)

6.2.2 The responses to the clarifications if required will be notified in the websites by means of Corrigendum to the Tender Document.

Note: - Queries must be strictly submitted only in the prescribed format (.XLS/ .XLSX) as per Appendix 1. Queries not submitted in the prescribed format shall not be considered/ responded at all by the purchaser.

### 6.3 Pre-Bid Conference - Amendments to the Tender (may or may not be required)

6.3.1 In order to avoid clarification/confirmation after opening of bids, wherever specifically mentioned in NIT, Pre-bid conference may be held so as to provide an opportunity to the participating bidders to interact with CRID with regard to various tender provisions/tender specifications, before the bids are submitted. In case, due to the points/doubts raised by the prospective bidders any specific term & condition (which is not a part of "Standard terms and conditions of tender") needs to be modified, then the same will be considered for modification.

6.3.2 If required, a Pre-bid meeting will be held for addressing the clarifications.

6.3.3 After pre-bid conference, the specifications & other tender conditions will be frozen. No



change in specification and tender conditions will be permissible after bid meeting. All the bidders must ensure that their bid is complete in all respects and conforms to tender terms and conditions & the tender specifications in to failing which their bids are liable to be rejected without seeking any clarifications on any exception/deviation taken by the bidder in their bid.

- 6.3.4 Bidder should depute their authorized representative who should be competent to take on the spot decisions.
- 6.3.5 The clarifications to any of the terms and conditions and or technical specifications laid in the Tender document and amendments, if any, will be notified on the <https://haryanait.gov.in> and Haryana Government portal <https://etenders.hry.nic.in>. The Bidders are advised to check periodically for the amendments or corrigendum or information on these websites till the closing date of this Tender. CRID will not make any individual communication and will in no way be responsible for any ignorance pleaded by the Bidders.
- 6.3.6 Any such supplement / corrigendum / amendment issued by CRID before closing of the Tender shall be deemed to be incorporated by this reference into this RFP.
- 6.3.7 All such addendums / amendments / notices released in the form of corrigendum shall be binding on all Bidders.
- 6.3.8 CRID will not be responsible for any misinterpretation of the provisions of this RFP on account of the Bidders of their failure to update the Bid documents based on the addendums/ amendments/ corrigendum published via emails.
- 6.3.9 CRID at its discretion may or may not extend the due date and time for the submission of bids on account of amendments.
- 6.3.10 CRID is not responsible for any misinterpretation of the provisions of this tender document on account of the Bidders failure to update the Bid documents on changes announced through the website.
- 6.3.11 The bidder(s) can submit representation(s) if any, in connection with the processing of the tender directly only to the Competent Purchase Authority(CPA) i.e. to SS (IT) AND TREASURER, CRID, Sector-17/B, Chandigarh-160017, upto specified date in the tender document. The same will be dealt either separately or in the pre-bid conference if scheduled for the tender.
- 6.3.12 In case any bidder makes any unsolicited communication in any manner, after the pre-bid conference or the bids have been opened (for tenders processed either on single bid or on two bid basis), the bid submitted by the particular bidder shall be summarily rejected, irrespective of the circumstances for such unsolicited communication.

Further, if the tender has to be closed because of such rejection, and the jobs has to be re-tendered, then the particular bidder shall not be allowed to bid in the re-tender.

The above provision will not prevent any bidder from making representation in connection with procession of tender directly and only to Competent Purchase Authority (CPA) as mentioned in the tender document. However, if such representation is found by CPA to be un-substantiate and / or frivolous and if the tender has to be closed because of the delays/disruptions caused by such representations and the job has to be re-tendered, then such bidder will not be allowed to participate in the re-invited tender.

In case, any bidder while making such representations to Competent Purchase Authority (CPA) also involve other officials of CRID and / or solicits/invokes external intervention other than as may be permitted under the law and if the tender has to be closed because of the delays/disruptions caused by such interventions and has to be re- tendered, then the particular bidder will not be allowed to participate in the re-invited tender.

#### 6.4 Language of the Bid

- 6.4.1 The bid prepared by the Bidder as well as all correspondence and documents relating to the

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bid shall be in English only.

- 6.4.2 The supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English duly familiar, in which case, for all purposes of the bid, the translation shall govern. Bids received without such translation copy are liable to be rejected.

**6.5 Bid Currency**

Prices shall be quoted in Indian Rupee (INR). All payments / deposits / fees in respect of this tender also shall be in Indian Rupee only.

**6.6 Consortium**

Consortium is not allowed and the Bids submitted by consortium of companies/firms will be summarily rejected.

**6.7 Bid Preparation and Submission**

**6.7.1 Cost of Bidding**

The Bidders shall bear all costs associated with the preparation and submission of Bids. CRID will in no way be responsible or liable for these charges/costs incurred regardless of the conduct or outcome of the bidding process.

**6.7.2 Tender Document Cost**

The Tender Document is available online and can be downloaded from CRID Website i.e. <https://haryanait.gov.in> or from Haryana Govt. e-procurement portal <https://etenders.hry.nic.in>.

**6.7.3 Earnest Money Deposit (EMD)**

**6.7.3.1** EMD is to be made online directly as per the detail given under section-4.

**6.7.3.2** The EMD of the Unsuccessful Bidders will be returned at the expense of the Bidders within a reasonable time consistent with the rules and regulations in this behalf. The EMD amount held by CRID till it is refunded to the Unsuccessful Bidders will not earn any interest thereof.

**6.7.3.3** The EMD amount of the Successful Bidder(s) can be converted as the Security Deposit (SD) for successful execution of the orders during contract period and will be returned only after the successful fulfilment of the Contract.

**6.7.3.4** The EMD amount will be forfeited by CRID if the Bidder(s) withdraws the bid during the period of its validity specified in the tender or if the Successful Bidder fails to sign the contract or the Successful in bidder fails to honour the terms & condition of the Tender.

**6.7.4 Tender Validity**

The e - tender submitted by the Bidders shall be valid for a minimum period of 180 days from the date of opening of the Commercial e-bids.

**6.7.5 Letter of Authorization**

A letter of Authorization from the Board of Directors / appropriate authority authorizing the Tender submitting authority or a Power of Attorney shall be submitted in the Technical bid, otherwise the Bids will be summarily rejected.

**6.7.6 Two Part Bidding**

The bids shall be submitted Online in two bid part as give below i.e Technical Bid and Commercial Bid as per the format given in the tender document and the respective online envelope available on the portal upto the due date & time. Bidders are required to examine all Instructions, Terms and Conditions and Technical specifications given in the Tender document. Failure to furnish information required by the Bid or submission of a Bid not

substantially responsive in every respect will be at the Bidders risk and may result in rejection of Bids. Bidders shall strictly submit the Bid as specified in the Tender, failing which the bids will be non-responsive and will be rejected.

#### **6.7.7 Technical Bid (Stage 1)**

- 6.7.7.1** The Technical Bid format as given in the Tender shall be filled, signed and stamped on all pages. Errors if any shall be attested by the Bidders. The Technical Bid shall not contain any indications of the Price otherwise the Bid will be summarily rejected.
- 6.7.7.2** The bidders shall submit the details of make and model of the items offered against the tender requirement.
- 6.7.7.3** The technical bid should be submitted through e-bid (uploaded) as per the last date & time and all pages to be duly filled & signed & stamped as per the formats given in the tender document and annexures. Bidder to ensure that the uploaded content should be clear and readable. The Purchaser can ask for clarification or better scan of any document at any time during office hours which the bidder agrees to provide within 2 hrs.
- 6.7.7.4** 6.7.7.4 The Technical Bids shall be typed, signed and stamped in all pages by the familiarize signatory of the Bidder. Any alternations, deletions or overwriting shall be attested with full signature of the familiarize signatory.

#### **6.7.8 Price Bid Form (Stage 2)**

- 6.7.8.1** The Price bid should be submitted through e-bids as per the online envelope given on the e-procurement portal against this tender. All the price items as asked in the tender shall also be filled in the Price Bid Format as given in the Tender and required to be uploaded on the e-procurement Portal. The Prices quoted shall be only in INDIAN RUPEES (INR) only. The tender is liable for rejection if price bid contains conditional offers.
- 6.7.8.2** All the Price items as asked in the Tender shall be filled in the Price Bid Format as given in the Tender at "Format2: Commercial Bid".
- 6.7.8.3** The price quoted by the Bidder shall include cost and expenses on all counts viz. cost of equipment, materials, tools/ techniques/ methodologies, manpower, supervision, administration, overheads, travel, lodging, boarding, in-station & outstation expenses, etc and any other cost involved in the supply and commissioning.
- 6.7.8.4** The Price Bid Form shall not contain any conditional offers or variation clauses, otherwise the Bids will be summarily rejected.
- 6.7.8.5** The Price Bid shall be typed and shall be signed by the authorized signatory in all pages. Any alterations, deletions or overwriting shall be attested with full signature of the authorized signatory.
- 6.7.8.6** The cost quoted by the Bidder shall be kept firm during the period of contract in the Tender from the date of opening of the tender. The Bidder shall keep the Price firm during the period of Contract including during the period of extension of time if any. Escalation of cost will not be permitted during the said periods or during any period while providing services whether extended or not for reasons other than increase of duties / taxes payable to the Governments in India within the stipulated delivery period. The Bidders shall particularly take note of this factor before submitting the Bids.
- 6.7.8.7** In case the selected bidder misses to include the cost of any hardware/software which is necessary to meet the requirements of this tender, the selected bidder shall be solely responsible for the lapse and would be required to provide the such hardware/software without any additional cost to the CRID.
- 6.7.8.8** Discount: - Bidder are advised not to indicate any separate discount. Discount, if any should be merged with the quoted prices. Discount of any type, indicated separately,

will not be taken into account for evaluation purpose. However, in the event of such an offer, without considering discount, is found to be lowest, CRID shall avail such discount at the time of award of contract.

**6.7.9 Correction of error**

**6.7.9.1** Bidders are advised to exercise adequate care in quoting the prices. No excuse for corrections in the quoted figures will be entertained after the Commercial Bids are received by CRID.

**6.7.9.2** In cases of discrepancy between the prices quoted in words and in figures, the value indicated in words shall be considered.

**6.7.9.3** The amount stated in the Commercial Bid, adjusted in accordance with the above procedure shall be considered as binding on the Bidder for evaluation

**6.7.10 Bid closing date and time**

The e-Tenders shall be submitted not later than the date and time specified as under or Corrigendum if published. Last date and time to submit the bid upto 2.30 PM. Hence the Bidders shall be cautious to submit the e-Tenders well in advance to avoid disappointments as system will not allow them to submit the bid once the due date & time is over.

**6.7.11 Mode of Submission of Bids:** - The Bids shall be submitted electronically on Haryana Govt. e-procurement portal strictly as specified in the Tender document. The hard copy to technical bid will be submitted at O/o ACITO, CRID, 4th Floor, SCO 109-110, Sec 17-B, Chandigarh, 160017.

**6.7.12 Modification and withdrawal of Bids:** - The Bids once submitted cannot be modified or amended or withdrawn. No documents would be supplemented after submission of Bids unless specifically asked by CRID.

**6.7.13 Rejection of Bid: -**

**6.7.13.1** Bids submitted other than the electronic form on e-procurement portal of Haryana Government shall not be entertained.

**6.7.13.2** Any condition put forth by the Bidders not conforming to the bid requirements, shall NOT be entertained and such bids shall be rejected.

**6.7.14 Disqualification**

CRID/Department may at its sole discretion and at any time during the evaluation of application, disqualify any Bidder, if the Bidder:

- i. Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements.
- ii. Submitted an application that is not accompanied by required documentation or is non-responsive.
- iii. Failed to provide clarifications related thereto, when sought.
- iv. Submitted more than one bid.
- v. Was declared ineligible/ blacklisted by any Govt. or quasi-Govt. entity in India.

**6.7.15 Conflict of Interest**

Neither the successful Bidder nor any Personnel related to it shall engage, either directly or indirectly, during the period of contract, in any business or professional activities which would conflict with the activities assigned to them under or pursuant to this tender.

**6.7.16 Confidentiality**

The Bidder and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract without the prior written consent of the CRID.

**6.7.17 Extension of Last date for Submission**

CRID at its own discretion can extend the period for submission of bids by amending the Bid Documents / TENDER. In this case all rights and obligations of CRID and Bidders shall stand

extended. However, no request for extension of time from the Bidders shall be binding upon CRID. The decision of CRID in this regard will be final, conclusive and binding on the Bidder.

**6.7.18 Late Bids**

Any bid received by CRID after the deadline for submission of bids prescribed in the TENDER will be summarily rejected and returned unopened to the Bidder. No further correspondence on this subject will be entertained.

**6.7.19 Duties, Taxes and Statutory levies**

**6.7.19.1** The Bidder shall bear all personnel taxes levied or imposed on account of payment received under this Contract.

**6.7.19.2** The Bidder shall bear all corporate taxes, levied or imposed on the Bidder on account of payments received by it from CRID/Department for the work done under this Contract.

**6.7.19.3** Bidder shall bear all taxes and duties/GST etc. levied or imposed on the Bidder under the Contract including but not limited to Sales Tax, Customs duty, Excise duty, Octroi, Service Tax, VAT, Works Contracts Tax/GST and all Income Tax levied under Indian Income Tax Act - 1961 or any amendment thereof up to the date for submission of final price bid, i.e., on account of payments received by him for the work done under the Contract. It shall be the responsibility of the Bidder to submit to the concerned tax authorities the returns and all other connected documents required for this purpose. The Bidder shall also provide CRID such information, as it may be required in regard to the Bidder's details of payment made by the Purchaser under the Contract for proper assessment of taxes and duties. The amount of tax withheld by CRID/Department shall at all times be in accordance with Indian Tax Law and will furnish to the Bidder original certificates (Challan) for tax deduction at source and paid to the Tax Authorities.

**6.7.19.4** If there is any reduction in taxes / duties due to any reason whatsoever, after Award of Contract, the same shall be passed on to CRID.

**6.7.19.5** The Bidder shall be solely responsible for the payment /fulfilment of its tax liabilities and obligations under the Income Tax Act and other such laws in force and CRID shall not bear responsibility for the same.

**6.7.20 Deductions**

All payments to the Bidder shall be subject to the deductions of tax at source under Income Tax Act, and other taxes and deductions as provided for under any law, rule or regulation. All costs, damages or expenses which CRID may have paid or incurred, for which under the provisions of the Contract, the Bidder is liable; the same shall be deducted from any dues to the Bidder. CRID shall if so required by applicable laws in force, at the time of payment, deduct income tax payable by the Bidder at the rates in force, from the amount due to the Bidder and pay to the concerned tax authority directly.

**6.7.21 Right to Accept/ Reject the Bid**

CRID reserves the right to accept or reject any Bid and to annul the TENDER process and reject all such bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

**6.7.22 Limitation of Liability:**

Notwithstanding anything to the contrary in this Agreement, the cumulative liability of the successful bidder towards Purchaser for any damages or compensation of any nature whatsoever under this Agreement, shall be limited to the amount of payment received or receivable by the Bidder for the applicable milestone or the project as applicable.

## **SECTION 7**

### **TENDER OPENING AND EVALUATION**

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## **7. Bid Evaluation Process**

### **7.1. Initial Scrutiny**

At the time of Technical Bid Opening, Initial Bid scrutiny will be conducted and incomplete details as given below will be treated as non-responsive and the Bids will be rejected summarily.

If Tenders are;

- i. not submitted in two parts as specified in the Tender received WITHOUT EMD amount and tender document fee;
- ii. All responsive Bids will be considered for further evaluation;
- iii. The decision of CRID will be final in this regard;

### **7.2. Technical Bid Scrutiny**

Initial Bid scrutiny will be conducted and incomplete details as given below will be treated as non-responsive. If Tenders are received: -

- i. without the Letter of Authorization;
- ii. found without Tender document fee, EMD;
- iii. found with suppression of details with incomplete information;
- iv. subjective, conditional offers submitted without support documents as per the Eligibility Criteria;
- v. Evaluation Criteria non-compliance of any of the clauses stipulated in the Tender;
- vi. Lesser validity period not found with OEM's compliance statement and the Technical Leaflets of the quoted models. The decision of CRID will be final in this regard;

### **7.3. Clarifications by CRID**

When deemed necessary, CRID may seek any clarifications on any aspect from the Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the Bid or price quoted. During the course of Technical Bid evaluation, CRID may seek additional information or historical documents for verification to facilitate decision making. In case the Bidder fails to comply with the requirements of CRID as stated above, such Bids may at the discretion of CRID, shall be rejected as technically non-responsive.

### **7.4. Suppression of facts and misleading information**

- 7.4.1. During the Bid evaluation, if any suppression or misrepresentation of is brought to the notice of CRID. CRID shall have the right to reject the Bid and if after selection, CRID would terminate the contract, as the case may be, will be without any compensation to the Bidder and the EMD / SD, as the case may be, shall be forfeited.
- 7.4.2. Bidders shall note that any figures in the proof documents submitted by the Bidders for proving their eligibility is found suppressed or erased, CRID shall have the right to seek the correct facts and figures or reject such Bids.

- 7.4.3. It is up to the Bidders to submit the full copies of the proof documents to meet out the criteria. Otherwise, CRID at its discretion may or may not consider such documents.
- 7.4.4. The Tender calls for full copies of documents to prove the Bidder's experience and Capacity to undertake the orders.

#### **7.5. Technical Bid Evaluation**

- 7.5.1. A Tender Scrutiny Committee will examine / scrutinize the e-Technical Bids against the Eligibility Criteria and Evaluation Criteria given in the Tender document. The evaluation will be conducted based on the support documents submitted by the Bidders. The documents which did not meet the eligibility criteria in the first stage of scrutiny will be rejected in that stage itself and further evaluation will not be carried out for such bidders. The eligible Bidders alone will be considered for further evaluation.
- 7.5.2. For those Bidders who have already worked or working with CRID or HARTRON, their previous performance in CRID or HARTRON would be the mandatory criteria for selection. If any unsatisfactory performances of those Bidders are found, their Bids will be straight away rejected. The Unsatisfactory performance is defined as: -
  - i. Non responsiveness after getting the purchase order
  - ii. Delay in supply, installation of the ordered products without any bonafide reason, etc.
  - iii. Poor warranty support
  - iv. Not executing the contract as per the terms and conditions
  - v. Not furnishing the performance bank guarantee as per the requirement laid in the contract/purchase orders

#### **7.6. Price Bid Evaluation: -**

- i. The Financial Bids of only those Bidders short listed from the Technical Bids by TEC will be opened in the presence of their representatives on a specified date and time to be intimated to the respective Bidders by Tender Process Section, and the same will be evaluated by a duly constituted Finance Evaluation Committee (FEC).
- ii. The negotiations will be held up to L3 bidders if the difference between L1 quoted rates and those quoted by L2 & L3 is within 5% of the L1 quoted rates as per the policy issued by the State Govt. vide G.O No. 2/2/2010-4-IB-II dated 18.06.2013, G.O No. 2/2/2010-4-IB-II dated 16.6.2014, G.O No. 2/2/2010-4-IB-II dated 09.02.2015 will be applicable. These policy guidelines are available at <http://dsndharyana.gov.in/en-us/Purchase/Rules-instruction-and-procedure/Instructions>. The policy/ procedure issued by State Govt. time to time will also be applicable.
- iii. Lowest Quoting Bidder will be selected.

- 7.7. No enquiry shall be made by the bidder(s) during the course of evaluation of the tender, after opening of bid, till final decision is conveyed to the successful bidder(s). However, the Committee/its authorized representative and officers of CRID can make any enquiry/seek clarification from the bidders, which the bidders must furnish within the stipulated time else bid of such defaulting bidders will be rejected.



**7.8. Award of Contract**

- i. The award for contract will be issued to the successful bidder(s) as per State Govt. Policy applicable at that time of finalization of Contract.
- ii. Total quantity will be apportioned among the L1 apportioned among the L1 Bidder and other Bidder who have agreed to match L1 rate, as per the option of purchaser. However, in case the end user does not indicate any choice, SS (IT) AND TREASURER, CRID reserves the right to distribute the quantity among the successful vendor.
- iii. Purchase preference can be given to the eligible vendors as per the Govt. guidelines prevailing from time to time.

**7.9. Letter of Acceptance (LOA)**

After acceptance of the Tender by CRID, a Letter of Acceptance (LOA) will be issued to the Successful Bidder(s) by CRID. Under this contract, CRID has the right to issue LOA to more than one bidder.

**7.10. Security Deposit (SD)**

The EMD of the successful bidder (s) shall be converted into a Security deposit and shall be retained till the submission of required PBG. The EMD will be refunded to the Successful Bidder only after successful completion of the contract period as mentioned above. The Security Deposit held by CRID till it is refunded to the Successful Bidder will not earn any interest thereof.

The Security Deposit will be forfeited if the Successful Bidder withdraws the Bid during the period of Bid validity specified in the Tender or if the Bidder fails to sign the contract.

**7.11. Execution of Contract**

- 7.11.1. The Successful Bidder shall execute a Contract in the non-judicial Stamp Paper of the required amount bought in Haryana/Chandigarh only in the name of the Bidder within 20 days from the date of Letter of Acceptance issued by CRID with such changes/modifications as may be indicated by CRID at the time of execution on receipt of confirmation from CRID.
- 7.11.2. The Successful Bidder shall not assign or make over the contract, the benefit or burden thereof to any other person or persons or body corporate for the execution of the contract or any part thereof without the prior written consent of CRID. CRID reserves its right to cancel the purchase order either in part or full, if these conditions are violated. If the Successful Bidder fails to execute the Contract within the stipulated time in the tender, the EMD/SD of the Successful Bidder will be forfeited and their tender will be held as non-responsive.
- 7.11.3. The expenses incidental to the execution of the Contract shall be borne by the Successful Bidder.
- 7.11.4. The conditions stipulated in the Contract shall be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to the rights of CRID and CRID also have the right to recover any consequential losses from the Successful Bidder.

**7.12.** CRID reserves the right to:

- i. Insist on quality / specification of materials to be supplied.
- ii. Modify, reduce or increase the quantity requirements to an extent of the tendered quantity.
- iii. Change the list of areas of supply locations from time to time based upon the requirement of the purchase.
- iv. inspect the bidders' factory before or after placement of orders and based on the inspection, modify the quantity ordered.
- v. withhold any amount for the deficiency in the service aspect of the ordered items supplied to the customers.

## **SECTION 8**

### **TERMS AND CONDITIONS OF THE CONTRACT**

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## **8. Terms and conditions of the contract**

### **8.1. Acceptance of Tender and Withdrawals**

The final acceptance of the tender is entirely vested with CRID who reserves the right to accept or reject any or all of the tenders in full or in parts without assigning any reason whatsoever. The Tender Accepting Authority may also reject all the tenders for reasons such as change in Scope, Specification, lack of anticipated financial resources, court orders, calamities or any other unforeseen circumstances. After acceptance of the Tender by CRID, the Successful Bidder shall have no right to withdraw their tender or claim higher price.

### **8.2. Inspection of the items**

- i. The inspection may be carried out on random basis, the Networking items being a standard product; however, the physical verification like quantity, models, physical conditions etc. will be done for all the vendors against respective order.
- ii. The Special Secretary (IT) and Treasurer, CRID can authorize any of the experts or any of its officer or person shall have the power to inspect the stores at manufacturer premises/ distributors premises or at consignee site and to reject the same or any part or portion after the written approval of the Special Secretary (IT) and Treasurer, CRID, if he or they be not satisfied that the same is equal or according to the specifications submitted by the contractor. The contractor shall not be paid for supplies rejected as above and such supplies shall be removed by the successful bidder immediately at his own expense. Any harm whatsoever incidental to a full and proper examination and test of such supplies. CRID shall be under no liability whatsoever for rejected and the same will be at the contractor's risk. Rejected supplies shall be removed by the contractor within 10 days after notice has been issued to him of such rejection and failing such removal of rejected goods will be at contractor's risk and CRID may charge rent from the contractor for the space occupied by such rejected goods. Super inspection of stores already inspected may be carried out at the discretion of Special Secretary (IT) and Treasurer, CRID, by such officer as may be familiarize by him.
- iii. The Successful bidder shall provide without any extra charge all materials, tools, labor and assistance of every kind which the aforesaid officer may consider necessary for any test or examination which he may require to be made on the successful bidder's premises and shall pay all cost attendant thereon. In the case of stores inspected at Manufacturer's premises, all facilities including testing appliance, tools etc. for carrying out the tests shall be provided by the manufactures other than special tests, or in dependent tests. Failing these facilities at the own premises for making the tests the successful bidder shall bear the cost of carrying out test elsewhere, the bidder shall provide and deliver the item also free of charge at such place as the aforesaid officer may direct such materials as he may require for tests. If for the purpose of determining the quality of stores the aforesaid Officer find it necessary to have the stores tested at the test house or laboratory, all expenses incidental to the test shall be borne by the contractor. On the failure of the contractor to pay the expenses within 10 days of the receipt of intimation in this behalf from the Inspecting Officer, the Special Secretary (IT) and Treasurer, CRID shall have the right to deduct the amount from the security deposited by the successful bidder, and if the amount so deducted is not deposited within 10 days, the Special Secretary (IT) and Treasurer, CRID may treat the default as a breach of agreement and proceed as per agreement without further notice. Further the aforesaid officer shall have the right to put all articles or materials to such tests as he may

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think proper for the purpose of ascertaining whether the same are in accordance with the specifications or sealed sample mentioned in the tender and to cut out or off and/or destroy a portion not exceeding 2% from each delivery for such purpose and the quantity so cut out or off and/or destroyed as aforesaid shall be replaced by successful bidder free of charge.

- iv. CRID reserves the right to waive of the inspection on case to case basis for standard products, green channel products/urgent requirements/ products for which test reports from ERTL/ETDS etc. are made available by the successful bidder. CRID reserves the right to conduct the inspection of limited quantity on random sample basis.

### 8.3. Refund of EMD

The EMD amount paid by the Successful Bidder(s) will be kept as Security Deposit for the duration of the contract. If the Successful Bidder submits Security Deposit for the stipulated value in full by way of Bank Guarantee, the EMD will be refunded. The EMD amount of the Unsuccessful Bidder will be refunded after familiarizes and issue of Firm Purchase Order to the Successful Bidder.

### 8.4. Warranty

- i. The warranty shall cover the system software, components and sub-components of the supplied infrastructure including patches and upgrades (free of cost) of the system software.
- ii. In addition to warranty as mentioned in above clause, the Bidder shall, during the above said period replace parts, if any, and remove any manufacturing defect, if found, so as to make the device fully operative. Replacement of parts or the entire product is to be done free of cost.

- 8.5. Product Test:** The successful bidder will be required to submit test report form OEM (or) from Govt. approved test & calibration labs like ERTL/ETDC etc. if CRID feels it necessary to get the specifications verified. As a confirmatory document for specifications of the products for each configuration. The cost of such test will have to borne by the successful bidder however, this will be applicable only on limited quantity i.e. one-unit test report of each configuration/ type. However, the CRID can place the orders on the contract in anticipation of the test report. In case of failure of test, the supplier will be responsible for any risk & cost. Accordingly, bidder should ensure that offered product is in conformation to the specification of NIT.

### 8.6. Licenses & Transportation

- i. All the operating system/software licenses if applicable are to be registered in the name of the purchaser.
- ii. The entire cost of transportation from the Manufacturing Plant or Port of Landing to the designated destination as specified by CRID shall be borne by the selected Bidder.
- iii. The transit insurance for all the items being delivered at respective site is the responsibility of the successful bidder.

- 8.7. Packing:** The selected Bidder shall provide such packing as is required to prevent damage or deterioration of the goods during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitations, rough handling during transit and exposure to extreme temperatures and precipitation during transit and open storage. The selected Bidder shall be responsible for any defect in packing and shall dispatch the material

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freight paid and duly insured at destination. Any equipment found to be damaged during the transit by the purchaser, the successful bidder shall replace the aid equipment at his cost within 10 days from the event reported by the CRID.

**8.8. Additional Payment Clause:**

- i. No payment shall be made in advance for any supplies made under this order.
- ii. Payment will be released on the basis of actually installed items.
- iii. Payment shall be made after adjusting penalties (if any) as applicable.
- iv. All payments shall be made subject to deduction of TDS (Tax deduction at Source) as per the current Income-Tax Act.
- v. Failure to sign the contract and submit PBG in time mentioned above shall constitute sufficient grounds for forfeiture of the EMD. Subsequently failure to perform services as per contract shall constitute sufficient grounds for forfeiture of the PBG.
- vi. The EMD & Performance Security of successful bidder Deposits without any interest accrued, shall be released only after the expiry of the warranty period of the systems successfully.
- vii. The PBG shall be released immediately after expiry of its validity period provided there is no breach of contract on the part of the Vendor.
- viii. No interest will be paid on the PBG & EMD.
- ix. In the event of any correction of defects or replacement of defective equipment during the warranty period, the warranty for the corrected/replaced equipment shall be extended for a minimum period of 12 months or till the scope of work, whichever is more. The PBG for a proportionate value shall be extended 60 days over and above the extend warranty period.
- x. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.
- xi. The Successful Bidder hereby agrees to get the refund of incentive, excise duty and proportionate sales tax from authorities concerned and pass it on to Purchaser(s) if the Government or any other appropriate agency reduces the Excise duty or Sales tax or give incentive of any type retrospectively after supplying the Ordered items failing which action will be taken to recover the balance amount from the Successful Bidder under the Revenue Recovery Act or any other relevant act.
- xii. When the extension of time is required due to any delay on the part of CRID/end user, extension of delivery time for the period of such delay involved may be granted by SS (IT) AND TREASURER, CRID provided the firm produces documentary evidence of the delay.
- xiii. Penalty amount if any will be adjusted in the payment due to the Successful Bidder.
- xiv. All taxes and other levies imposed by Governments in India will be paid at actual as applicable.
- xv. The delivery of the ordered items is to be supplied within the delivery period mentioned at clause no. 3.2 unless otherwise specified in the purchase order. Some occasions may arise

that the products as indented by the department maybe required to be delivered within a short period of 24 hours to the Purchaser/s. In such occasions, it may be very difficult to arrange shipment of the items from the vendor premises due to the routine formalities. To tackle such conditions, the successful bidder may maintain a reasonable quantity of items ex-stock.

**8.9. Invoicing:**

- i. With every dispatch of goods or materials in the order, Delivery Challan in duplicate are to be sent by the successful bidder to the consignee at the time of delivery. The duplicate of Delivery Challan to be returned by the respective officers (the Nodal officer / HOD at the location) with the quantities or numbers received duly noted and signed thereon to the successful bidder.
- ii. One Invoice per site (i.e. total 22 invoices) for Phase 1 to be submitted to CRID along with the duly signed Delivery Challans of received by the successful bidder from the respective officers (the Nodal Officer / HOD at the location) for further necessary action regarding payments, etc.
- iii. One Invoice per site (i.e. total 22 invoices) for Phase 2 i.e. installation, configurations, testing, commissioning & Go-Live of the project to be submitted by the bidder to CRID along with installation reports and Go-live reports duly signed & stamped by the Nodal Officer / HOD at the location.
- iv. Single Invoice for Phase 3 i.e. Collective Go-Live (Phase 2 + 30 days) to be submitted by the bidder to CRID along with acceptance certificate duly signed by the Nodal Officer / HOD at the location, warranty certificates of all OEMs.
- v. Two Invoices for Phase 4 i.e. the payments in 2 equal instalments for manpower to be submitted by the bidder to CRID along with resource attendance report, Incident Report / Service Call report and SLA compliance report verified by the respective Nodal Officer / HOD at the location at the end of each 6 monthly cycle starting from next day of completion of Phase 3.
- vi. Eight Invoices for Phase 5 i.e. the payments in 8 equal instalments OPEX to be submitted by the bidder to CRID along with, Incident Report / Service Call report and SLA compliance report verified by the respective Nodal Officer / HOD at the location at the end of each 6 monthly cycle starting from next day of completion of 1 year warranty.
- vii. The payments in each of the above cases shall be released by CRID after receipt of inspection/ verification of the deliverables from the inspection committee.

**8.10. Forfeiture of EMD and SD**

**A. Forfeiture of Earnest Money: -**

- I. If the Bidder withdraws his bid before the expiry of validity or after the acceptance of the bid, the Earnest Money Deposited by the bidder will be forfeited.
- II. If the Bidder fails to comply with any of the terms, conditions or requirement of order and the technical specifications of the tender document at time of award of contract, the Earnest Money deposited by the Bidder will be forfeited.

- 
- III. In case required performance security is not submitted by the bidder within 15 days from the date of issue of Purchase order, the Earnest Money deposited by the Bidder will be forfeited.

B. forfeiture of Performance Security: -

- I. The CRID reserves the right of forfeiture of the performance guarantee in the event of the contractor's failure to fulfill any of the contractual obligations or in the event of termination of contract as per terms & conditions of contract.
- II. In case the successful bidder fails to submit the performance guarantee of the requisite amount within the stipulated period or extended period, letter of Award automatically will stand withdrawn and EMD of the contractor shall be forfeited.
- III. In case successful bidder fails to comply with the delivery period as specified in the work order/contract, the Performance security deposited by the vendor will be forfeited.
- IV. In case the vendor fails to provide services during the warranty period as per the satisfaction of CRID, the Performance security deposited by the vendor will be forfeited.
- V. In case the vendor failed to supply the ordered items as per the specification mentioned in the purchase order or ordered items are rejected during the inspection even after giving one or two extra chance for inspection, the Performance security deposited by the vendor will be forfeited.
- VI. Performance guarantee shall be returned after successful completion / testing / commissioning and handing over the project to the client up to the entire satisfaction of The Purchaser / Client Performance guarantee shall be returned after successful completion / testing / commissioning and handing over the project to the client up to the entire satisfaction of The Purchaser / Client.

**8.11. Authenticity of submitted Documents/Information.**

- i. The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the Purchaser shall issue any necessary instructions, and the priority of the documents shall be in accordance with the order as listed in the Appendix.
- ii. If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted physically by the bidder, the tender shall become invalid, and cost of tender document and processing fee shall not be refunded.
- iii. If in case, any document, information & / or certificate submitted is found to be incorrect / false / fabricated, the Purchaser at its discretion may disqualify / reject / terminate the bid/contract and also forfeit the EMD / All dues.
- iv. The bidders must submit an Undertaking as placed at "Annexure-12" along with the technical bid.

**8.12. Consequences of Cancellation of Order:**



- 
- i. Upon cancellation of order, the successful bidder shall deliver or cause to be delivered all works carried out for and on account of the department and all data and records required from or on account of the department.
  - ii. Cancellation of order shall not affect any continuing obligations of the successful bidder under the Contract Agreement, which, either expressly or by necessary implication, are to survive its expiry or termination such as confidentiality obligations of the successful bidder.
  - iii. Upon cancellation of order for any reason whatsoever, the successful bidder shall return to the Department any and all confidential information and any other property of the Department.
  - iv. The department may procure services similar to those undelivered, upon such terms and in such manner, as it deems appropriate, at the risk and responsibility of the successful bidder and the successful bidder shall be liable for any additional costs for such services.
  - v. The successful bidder shall continue the performance of the order to the extent not terminated.
  - vi. Upon cancellation of order for whatsoever, CRID shall have the right to perform the following penalties:
    - a. Forfeiture of earnest money
    - b. Imposition of liquidated damage.
    - c. Putting supplier on holiday.
    - d. Blacklisting of the bidder
    - e. Forfeiture of bank Guarantee (s)
    - f. Risk Purchase on the expenses of vendor.

#### **8.13. Termination of Contract**

##### **Termination for default**

- i. CRID may without prejudice to any other remedy for breach of contract, by written notice of default with a notice period of 14 days, sent to the Successful Bidder, terminating the contract in whole or part,
  - a. if the Successful Bidder fails to deliver any or all of the goods within the time period(s) specified in the Contract or fails to supply the items as per the Delivery Schedule or within any extension thereof granted by CRID.
  - b. Or, if the Successful Bidder fails to perform any of the obligations(s) under the contract; or
  - c. if the Successful Bidder, in the judgment of CRID, has engaged in fraudulent and corrupt practices in competing for or in executing the Contract.

- ii. In the event CRID terminates the Contract in whole or in part, CRID may procure & deliver, upon terms and in such manner as it deems appropriate, the goods and services similar to those and delivered and the Successful Bidder shall be liable to CRID for any additional costs for such similar goods. However, the Successful Bidder shall continue the performance of the contract to the extent not terminated.
- iii. Upon cancellation of the contract whatever way, CRID shall have the right to perform the following penalties: -
  - a. Forfeiture of earnest money
  - b. Imposition of liquidated damage.
  - c. Putting supplier on holiday.
  - d. Black listing of the bidder
  - e. Forfeiture of bank Guarantee (s) and Security deposit.

**8.14. Termination for Insolvency**

CRID may at any time terminate the Contract by giving written notice with a notice period of 14 days to the Successful Bidder, if the Successful Bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Successful Bidder, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to CRID.

**8.15. Termination for Convenience**

CRID may by written notice, with a notice period of 14 days sent to the Successful Bidder, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for CRID's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective. On termination, the Successful Bidder is not entitled to any compensation whatsoever.

**8.16. Single point of contact**

The Successful Bidder shall nominate and intimate CRID, an Account Manager for Single Point of Contact (SPOC), who shall be responsible for effective delivery of work complying with all the terms and conditions. The Successful Bidder shall ensure that the Account Manager fully familiarizes with the Tender Conditions, Scope of Work and deliverables.

**8.17. Assigning of Tender whole or in part**

The successful Bidder shall not assign or make over the contract, the benefit or burden thereof to any other person or persons or body corporate. The Bidder shall not under-let or sublet to any person(s) or body corporate for the execution of the contract or any part thereof without the prior written consent of CRID.

**8.18. Liquidated Damages (LD)**

A penalty will be levied at the rate specified in the Contract Format for non-fulfillment of delivery schedule subject to the force Majeure conditions. Even If the work is not completed in full beyond this period, such performance may entail termination of contract and black listing of the Successful Bidder from participating in any of the CRID's Tender` This alone will not relieve the Successful Bidder and the difference in cost of the items purchased through other technically qualified Bidders or any other alternative sources will be recovered from the Successful Bidder.

**8.19. Other Conditions**

- i. The final decision would be based on the technical capacity and pricing of the Bidder. CRID does not bind itself in selecting the bidder offering lowest prices.
- ii. CRID reserves the right not to accept lowest price, to reject any or all the tenders without assigning any reason, to relax or waive any of the conditions stipulated in the terms and conditions of tender as deemed necessary in the best interest of CRID for good and sufficient reasons.

**8.20. Arbitration and Jurisdiction**

The Sole Arbitrator shall be the Administrative Secretary of Industries Commerce Department. The seat of arbitration shall exclusive be at Chandigarh and its language wouldbe in English only.

**8.21. Documents also to be included:**

- i. Copy of ESI Registration or necessary Exemption Letter for ESI Registration shall be submitted (If required).
- ii. Copy of EPF Registration or necessary Exemption Letter for ESI Registration shall be submitted (If required).

**SECTION-9**  
**FORMAT TO RESPOND TO TENDER**

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**Format 1: PRE-QUALIFICATION-CUM-TECHNICAL BID****Pre-Qualification-cum-technical bid  
(To be submitted on its Letterhead by the bidder)**

To,  
Special Secretary (IT)  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Dear Sir,

Subject: e-Tender/CRID/2025-26/DLAN

- 1) Having examined the Tender document, I/We [name of the bidder (s)], the undersigned, herewith submit our response to your Tender Notification dated\_\_\_\_ for selection of vendor for the Setting up of Structured Local Area Network at Secretariats and other important offices/ buildings of Haryana State as mentioned in the Scope of work in full conformity with the said tender document no.
- 2) I/We have read the provisions of the Tender document and confirm that these are acceptable to us. Hence, we are hereby submitting our Bid.
- 3) I/We agree to abide by this Tender, consisting of this letter, financial bid and all attachments, for a period of 180 days from the closing date fixed for submission of bid as stipulated in the Tender document.
- 4) I/We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption, in force in India.
- 5) I/We understand that CRID/Department is not bound to accept/annul any bid received in response to this Tender.
- 6) I/We understand that the BOQ provided under this tender is indicative. In case, I/We are engaged by CRID as service provider contractor for supply of ordered items/goods/items of turnkey projects, I/We shall conduct site survey of District mini Secretariats of all 22 districts before installation & commissioning for finalizing the required BOQ at each location and submit it to the purchaser for approval.
- 7) In case, I/We are engaged by CRID as service provider contractor for supply of ordered items/goods/items of turnkey projects, I/We shall provide all assistance/cooperation required by CRID/ Department appointed auditing agencies officials for performing their auditing and inspection functions. I/We understand that our non-cooperation for the same shall be grounds for termination of service/contract.
- 8) In case, I/We are engaged as a vendor, we agree to abide by all the terms & conditions of the Contract and Guidelines issued by CRID from time to time.
- 9) I/ We have submitted requisite fee and EMD as per procedure laid in the Tender. All other required documents (details given in summary table below) as per the stated Qualification Criteria
- 10) Our Entity's profile is as under:-

| S#  | Required Details   |                          | Remarks   |
|-----|--|--------------------------|---|
| 1.  | Legal Name of Entity   |                          |   |
| 2.  | Type of Business   | <input type="checkbox"/> | <input type="checkbox"/> Corporation<br><input type="checkbox"/> Individual<br><input type="checkbox"/> Sole Proprietorship<br><input type="checkbox"/> Joint Venture<br><input type="checkbox"/> Partnership<br><input type="checkbox"/> Limited Liability Partnership<br><input type="checkbox"/> Other |
| 3.  | Company Identification No. (CIN)   |                          |   |
| 4.  | Business Address:<br>City<br>District<br>State Zip code<br>Telephone Nos.:<br>Contact email:   |                          |   |
| 5.  | Registered Address of the Company:<br>Address:<br>City<br>District   |                          |   |
|     | State<br>Zip code Contact<br>Person:<br>Telephone Nos.:<br>Contact email:<br>Company Website URL   |                          |   |
| 6.  | PAN No. of bidder<br>TAN No. of bidder<br>VAT or CST or GST of bidder  |                          |   |
| 7.  | Has the firm transacted business under any other previous names?<br>If yes, under which name business transacted   | <input type="checkbox"/> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| 8.  | Ownership of the Company/Firm:<br>Whether Company owned or controlled by parent Company?<br>If yes, complete the following: Legal name of the parent company Full address of parent company Street<br>City<br>District<br>State<br>Zip/Pin | <input type="checkbox"/> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| 9.  | Relationship with the parent company   | <input type="checkbox"/> | <input type="checkbox"/> Subsidiary<br><input type="checkbox"/> Division  |
| 10. | Date of ownership  |                          |   |
| 11. | Shareholding pattern of Parent Company:  |                          |   |
|     | Percentage of shares held by the parent company  |                          |   |
|     | Other majority shareholders in the Indian Company  |                          |   |

| S#  | Required Details  |  | Remarks |
|-----|---|--|---------|
|     | Details of Board of Directors   |  |         |
| 12. | Name of Bid and Contract Signing Authority - I<br>Name<br>Designation<br>Contact No.<br>Email:<br>Power Of Attorney or resolution of Board of Directors through which authorized as signatory Authority - II<br>Name<br>Designation<br>Contact No.<br>Email:<br>Power Of Attorney or resolution of Board of Directors through which authorized as signatory |  |         |
| 13. | Memorandum of Association and Articles of Association of the company<br>Bye Laws and certificates of registration (in case of registered firm)  |  |         |
| 14. | Whether MOA of Bidding Company allows entering into the bid of respective services? If yes, indicate the relevant clause.   |  |         |

11) Our Entity's Financial Details is given as under:-

| S#  | Required Details                                     | Remarks |
|-----|--|---------|
| 1.  | Authorized Capital of the Indian Company             |         |
| 2.  | Paid up Capital of the Company                       |         |
| 3.  | Turnover of the Indian company for last three years  |         |
| 4.  | Net worth of the Indian company for last three years |         |
| 5.  | Profit of the Indian company for last three years    |         |
| 6.  | Customer references                                  |         |
| 7.  | Past 1-3 year supply record                          |         |
| 8.  | Quality certificates received, if any                |         |
| 9.  | Customer approval letters if any                     |         |
| 10. | Awards and recognition received , if any             |         |
| 11. | After sales support mechanism                        |         |

12) Our entity's Legal Details

| S# | Required Details   | Remarks  |
|----|--|--|
| 1. | Whether in the past five years prior to the date of this application, has this entity or any principal of the entity has been deemed to be in default on any contract, or been forcefully terminated from any contract of any Organization? If yes, state the names of the entity, relationship to firm and the circumstances. | <input type="checkbox"/> Yes<br><input type="checkbox"/> No. |

| S# | Required Details  | Remarks   |
|----|---|---|
| 2. | Whether an undertaking (Undertaking) submitted that the bidder has not been blacklisted/debarred by any central/state Government department/organization    | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 3. | Whether an undertaking submitted to the effect that there has been no litigation with any Government department/organization on account of similar services | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 4. | Whether the entity has undergone legal proceedings in the past three years.<br>If yes, Submit details   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No |

#### Technical part

I/We hereby tender for the \_\_\_\_\_ and provision of services during the 5 years warranty period, as per the specifications given in this Tender document within the time specified and in accordance with the specifications and instructions:

| S#  | Items Descriptions                         | Make & Model | Approx. Qty. | UoM   |
|-----|--|--------------|--------------|-------|
| 1.  | Core Switch                                |              |              | Nos.  |
| 2.  | Distribution Switch                        |              |              | Nos.  |
| 3.  | Edge Switch                                |              |              | Nos.  |
| 4.  | Computer with 55" Display for NMS Software |              |              | Nos.  |
| 5.  | 10G SFP Transceivers MM                    |              |              | Nos.  |
| 6.  | 6 Core Fiber Cable MM                      |              |              | Mtrs. |
| 7.  | 24 Port LIU Fully Loaded                   |              |              | Nos.  |
| 8.  | 12 Port LIU Fully Loaded                   |              |              | Nos.  |
| 9.  | 6 Port LIU Fully Loaded                    |              |              | Nos.  |
| 10. | Fiber Patch Cord 3M                        |              |              | Nos.  |
| 11. | Cat 6 Cable                                |              |              | Mtrs. |
| 12. | Cat 6 24 Port Fully Loaded Jack Panel      |              |              | Nos.  |
| 13. | Cat 6 I/O Complete Set                     |              |              | Nos.  |
| 14. | Cat 6 Patch Cord 1M                        |              |              | Nos.  |
| 15. | Cat 6 Patch Cord 3M                        |              |              | Nos.  |
| 16. | 42U Rack (With Accessories)                |              |              | Nos.  |
| 17. | 12U Wall Mount Rack (With Accessories)     |              |              | Nos.  |
| 18. | 9U Wall Mount Rack (With Accessories)      |              |              | Nos.  |
| 19. | PVC Duct 45x25 MM                          | ISI          |              | Mtrs. |
| 20. | PVC Duct 30x25 MM                          | ISI          |              | Mtrs. |
| 21. | PVC Pipe 2" with Accessories               | ISI          |              | Mtrs. |
| 22. | PVC Pipe 1.5" with Accessories             | ISI          |              | Mtrs. |
| 23. | PVC Pipe 1" with Accessories               | ISI          |              | Mtrs. |
| 24. | HDPE Pipe 2"                               | ISI          |              | Mtrs. |



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| S#  | Items Descriptions                                      | Make & Model | Approx. Qty. | UoM  |
|-----|---|--------------|--------------|------|
| 25. | 10 KVA Online UPS with lockable casing                  |              |              | Nos. |
| 26. | 5 KVA Online UPS with lockable casing                   |              |              | Nos. |
| 27. | 3 KVA Online UPS lockable casing                        |              |              | Nos. |
| 28. | 2 KVA Online UPS lockable casing                        |              |              | Nos. |
| 29. | Power Points with cabling for Racks & Switches from UPS | ISI          |              | Nos. |
| 30. | Resident Engineer for One year                          | Service      |              | Nos. |
| 31. | Installation & Commissioning                            | Service      |              | Nos. |

**Note:** The site survey of District mini Secretariates of all 22 districts to be conducted and BOQ will be modified accordingly:-

## Approximately LAN items break up:

| Items            | S#  | Items Descriptions                         | 1         | 2      | 3           | 4           | 5       | 6      | 7       | 8       | 9      | 10      | 11      | 12                           | 13     | 14       | 15        | 16     | 17          | 18    | 19        | 20    | 21    | 22            | Total  |
|------------------|-----|--|-----------|--------|-------------|-------------|---------|--------|---------|---------|--------|---------|---------|------------------------------|--------|----------|-----------|--------|-------------|-------|-----------|-------|-------|---------------|--------|
|                  |     |  | Panchkula | Ambala | Yamunanagar | Kurukshetra | Kaithal | Karnal | Panipat | Sonipat | Rohtak | Bhiwani | Jhajjar | Mahendergarh<br>(Narnaul HQ) | Rewari | Gurugram | Faridabad | Palwal | Mewat (Nuh) | Sirsa | Fatehabad | Jind  | Hisar | Charkhi dadri |        |
|                  |     |  | Qty.      | Qty.   | Qty.        | Qty.        | Qty.    | Qty.   | Qty.    | Qty.    | Qty.   | Qty.    | Qty.    | Qty.                         | Qty.   | Qty.     | Qty.      | Qty.   | Qty.        | Qty.  | Qty.      | Qty.  | Qty.  | Qty.          |        |
| Active items     | 1.  | Core Switch                                | 2         | 2      | 2           | 2           | 2       | 2      | 2       | 2       | 2      | 2       | 2       | 2                            | 2      | 2        | 2         | 2      | 2           | 2     | 2         | 2     | 2     | 2             | 44     |
|                  | 2.  | Distribution Switch                        | 6         | 4      | 3           | 10          | 3       | 4      | 8       | 4       | 7      | 2       | 4       | 5                            | 3      | 8        | 11        | 4      | 4           | 3     | 4         | 4     | 5     | 3             | 109    |
|                  | 3.  | Edge Switch                                | 42        | 27     | 22          | 45          | 47      | 30     | 29      | 10      | 17     | 28      | 28      | 22                           | 30     | 24       | 15        | 18     | 32          | 63    | 51        | 25    | 17    | 32            | 654    |
| PC for NMS       | 4.  | Computer with 55" Display for NMS Software | 1         | 1      | 1           | 1           | 1       | 1      | 1       | 1       | 1      | 1       | 1       | 1                            | 1      | 1        | 1         | 1      | 1           | 1     | 1         | 1     | 1     | 1             | 22     |
|                  | 5.  | 10G SFP Transceivers MM                    | 60        | 39     | 31          | 72          | 59      | 42     | 50      | 20      | 35     | 36      | 40      | 36                           | 40     | 44       | 41        | 29     | 44          | 76    | 65        | 37    | 30    | 42            | 968    |
| Fiber Multi Mode | 6.  | 6 Core Fiber Cable MM                      | 2100      | 1350   | 1100        | 2250        | 2350    | 1500   | 1450    | 500     | 850    | 1400    | 1400    | 1100                         | 1500   | 1200     | 750       | 900    | 1600        | 3150  | 2550      | 1250  | 850   | 1600          | 32700  |
|                  | 7.  | 24 Port LIU Fully Loaded                   | 2         | 2      | 2           | 2           | 2       | 2      | 2       | 2       | 2      | 2       | 2       | 2                            | 2      | 2        | 2         | 2      | 2           | 2     | 2         | 2     | 2     | 2             | 44     |
|                  | 8.  | 12 Port LIU Fully Loaded                   | 12        | 8      | 6           | 20          | 6       | 8      | 16      | 8       | 14     | 4       | 8       | 10                           | 6      | 16       | 22        | 8      | 8           | 6     | 8         | 8     | 10    | 6             | 218    |
|                  | 9.  | 6 Port LIU Fully Loaded                    | 48        | 31     | 25          | 55          | 50      | 34     | 37      | 14      | 24     | 30      | 32      | 27                           | 33     | 32       | 26        | 22     | 36          | 66    | 55        | 29    | 22    | 35            | 763    |
|                  | 10. | Fiber Patch Cord 3M                        | 60        | 39     | 31          | 72          | 59      | 42     | 50      | 20      | 35     | 36      | 40      | 36                           | 40     | 44       | 41        | 29     | 44          | 76    | 65        | 37    | 30    | 42            | 968    |
|                  | 11. | Cat 6 Cable                                | 25200     | 16200  | 13200       | 27000       | 28200   | 18000  | 17400   | 6000    | 10200  | 16800   | 16800   | 13200                        | 18000  | 14400    | 9000      | 10800  | 19200       | 37800 | 30600     | 15000 | 10200 | 19200         | 392400 |
| Cabling Cat6     | 12. | Cat 6 24 Port Fully Loaded Jack Panel      | 42        | 27     | 22          | 45          | 47      | 30     | 29      | 10      | 17     | 28      | 28      | 22                           | 30     | 24       | 15        | 18     | 32          | 63    | 51        | 25    | 17    | 32            | 654    |
|                  | 13. | Cat 6 I/O Complete Set                     | 800       | 490    | 400         | 850         | 865     | 555    | 520     | 150     | 300    | 500     | 500     | 410                          | 550    | 410      | 250       | 300    | 600         | 1210  | 1000      | 435   | 260   | 590           | 11945  |
|                  | 14. | Cat 6 Patch Cord 1M                        | 800       | 490    | 400         | 850         | 865     | 555    | 520     | 150     | 300    | 500     | 500     | 410                          | 550    | 410      | 250       | 300    | 600         | 1210  | 1000      | 435   | 260   | 590           | 11945  |
|                  | 15. | Cat 6 Patch Cord 3M                        | 800       | 490    | 400         | 850         | 865     | 555    | 520     | 150     | 300    | 500     | 500     | 410                          | 550    | 410      | 250       | 300    | 600         | 1210  | 1000      | 435   | 260   | 590           | 11945  |

| Items  | S#  | Items Descriptions                     | 1         | 2      | 3           | 4           | 5       | 6      | 7       | 8       | 9      | 10      | 11      | 12                           | 13     | 14       | 15        | 16     | 17          | 18    | 19        | 20   | 21    | 22            | Total |
|--------|-----|--|-----------|--------|-------------|-------------|---------|--------|---------|---------|--------|---------|---------|------------------------------|--------|----------|-----------|--------|-------------|-------|-----------|------|-------|---------------|-------|
|        |     |  | Panchkula | Ambala | Yamunanagar | Kurukshetra | Kaithal | Karnal | Panipat | Sonipat | Rohtak | Bhiwani | Jhajjar | Mahendergarh<br>(Narnaul HQ) | Rewari | Gurugram | Faridabad | Palwal | Mewat (Nuh) | Sirsa | Fatehabad | Jind | Hisar | Charkhi dadri |       |
|        |     |  | Qty.      | Qty.   | Qty.        | Qty.        | Qty.    | Qty.   | Qty.    | Qty.    | Qty.   | Qty.    | Qty.    | Qty.                         | Qty.   | Qty.     | Qty.      | Qty.   | Qty.        | Qty.  | Qty.      | Qty. | Qty.  | Qty.          |       |
| Racks  | 16. | 42U Rack (With Accessories)            | 1         | 1      | 1           | 1           | 1       | 1      | 1       | 1       | 1      | 1       | 1       | 1                            | 1      | 1        | 1         | 1      | 1           | 1     | 1         | 1    | 1     | 1             | 22    |
|        | 17. | 12U Wall Mount Rack (With Accessories) | 6         | 4      | 3           | 10          | 3       | 4      | 8       | 4       | 7      | 2       | 4       | 5                            | 3      | 8        | 11        | 4      | 4           | 3     | 4         | 4    | 5     | 3             | 109   |
|        | 18. | 9U Wall Mount Rack (With Accessories)  | 42        | 27     | 22          | 45          | 47      | 30     | 29      | 10      | 17     | 28      | 28      | 22                           | 30     | 24       | 15        | 18     | 32          | 63    | 51        | 25   | 17    | 32            | 654   |
| Piping | 19. | PVC Duct 45x25 MM                      | 600       | 150    | 150         | 450         | 250     | 400    | 800     | 300     | 700    | 300     | 300     | 1000                         | 300    | 300      | 300       | 200    | 400         | 250   | 125       | 300  | 800   | 300           | 8675  |
|        | 20. | PVC Duct 30x25 MM                      | 600       | 150    | 150         | 450         | 250     | 400    | 800     | 300     | 700    | 300     | 300     | 1000                         | 300    | 300      | 300       | 200    | 400         | 250   | 125       | 300  | 800   | 300           | 8675  |
|        | 21. | PVC Pipe 2" with Accessories           | 6550      | 500    | 1200        | 2150        | 1350    | 1950   | 2700    | 1650    | 3850   | 2700    | 1400    | 4200                         | 1300   | 3800     | 3500      | 1300   | 1900        | 1550  | 1600      | 1500 | 2100  | 1300          | 50050 |
|        | 22. | PVC Pipe 1.5" with Accessories         | 6700      | 600    | 1500        | 2550        | 1650    | 2300   | 3500    | 2200    | 6300   | 2900    | 1800    | 5200                         | 1600   | 2540     | 4350      | 1600   | 2800        | 2050  | 1900      | 1800 | 2500  | 1600          | 59940 |
|        | 23. | PVC Pipe 1" with Accessories           | 6600      | 650    | 1500        | 2550        | 1650    | 2300   | 3500    | 2200    | 6300   | 2900    | 1800    | 5200                         | 1600   | 1960     | 4350      | 1600   | 2800        | 2050  | 1900      | 1800 | 2500  | 1600          | 59310 |
|        | 24. | HDPE Pipe 2"                           | 500       | 50     | 0           | 500         | 400     | 500    | 0       | 0       | 200    | 50      | 300     | 1800                         | 0      | 800      | 400       | 0      | 0           | 300   | 500       | 500  | 500   | 0             | 7300  |
| Power  | 25. | 10 KVA Online UPS with lockable casing | 1         | 1      | 1           | 1           | 1       | 1      | 1       | 1       | 1      | 1       | 1       | 1                            | 1      | 1        | 1         | 1      | 1           | 1     | 1         | 1    | 1     | 1             | 22    |
|        | 26. | 5 KVA Online UPS with lockable casing  | 5         | 0      | 3           | 2           | 2       | 3      | 3       | 1       | 2      | 1       | 3       | 5                            | 3      | 5        | 0         | 3      | 4           | 2     | 2         | 0    | 2     | 1             | 52    |
|        | 27. | 3 KVA Online UPS lockable casing       | 6         | 4      | 3           | 10          | 3       | 4      | 8       | 4       | 7      | 2       | 4       | 5                            | 3      | 8        | 11        | 4      | 4           | 3     | 4         | 4    | 5     | 3             | 109   |

| Items   | S#  | Items Descriptions                                      | 1         | 2      | 3           | 4           | 5       | 6      | 7       | 8       | 9      | 10      | 11      | 12                           | 13     | 14       | 15        | 16     | 17          | 18    | 19        | 20   | 21    | 22            | Total |
|---------|-----|---|-----------|--------|-------------|-------------|---------|--------|---------|---------|--------|---------|---------|------------------------------|--------|----------|-----------|--------|-------------|-------|-----------|------|-------|---------------|-------|
|         |     |   | Panchkula | Ambala | Yamunanagar | Kurukshetra | Kaithal | Karnal | Panipat | Sonipat | Rohtak | Bhiwani | Jhajjar | Mahendergarh<br>(Narnaul HQ) | Rewari | Gurugram | Faridabad | Palwal | Mewat (Nuh) | Sirsa | Fatehabad | Jind | Hisar | Charkhi dadri |       |
|         |     |   | Qty.      | Qty.   | Qty.        | Qty.        | Qty.    | Qty.   | Qty.    | Qty.    | Qty.   | Qty.    | Qty.    | Qty.                         | Qty.   | Qty.     | Qty.      | Qty.   | Qty.        | Qty.  | Qty.      | Qty. | Qty.  | Qty.          |       |
|         | 28. | 2 KVA Online UPS lockable casing                        | 42        | 27     | 22          | 45          | 47      | 30     | 29      | 10      | 17     | 28      | 28      | 22                           | 30     | 24       | 15        | 18     | 32          | 63    | 51        | 25   | 17    | 32            | 654   |
|         | 29. | Power Points with cabling for Racks & Switches from UPS | 49        | 32     | 26          | 56          | 51      | 35     | 38      | 15      | 25     | 31      | 33      | 28                           | 34     | 33       | 27        | 23     | 37          | 67    | 56        | 30   | 23    | 36            | 785   |
|         | 30. | Resident Engineer for One year                          | 2         | 1      | 1           | 2           | 1       | 2      | 1       | 1       | 2      | 1       | 1       | 1                            | 1      | 1        | 1         | 1      | 1           | 1     | 1         | 1    | 1     | 1             | 26    |
| Service | 31. | Installation & Commissioning                            | 1         | 1      | 1           | 1           | 1       | 1      | 1       | 1       | 1      | 1       | 1       | 1                            | 1      | 1        | 1         | 1      | 1           | 1     | 1         | 1    | 1     | 1             | 22    |

Yours Sincerely,

Authorized Signatory (ies) [In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Format 2: Commercial Bid****COMMERCIAL BID****(To be uploaded by the bidder in given Excel Sheet on NIC Portal only)**

To,  
 Special Secretary (IT)  
 Citizen Resources Information Department (CRID)  
 SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: e-Tender/CRID/2025-26/DLAN

I/We hereby submit our bid tender for the Supply, installation, configuration, testing and commissioning of Structured Local Area Network at District mini Secretariate at all 22 District and provision of services during the 5 years warranty period, as per the specifications given in this Tender document within the time specified and in accordance with the specifications and instructions. Mentioned below are the rates quoted in the prescribed format are FOR destination inclusive of all taxes: -

| S#   | Particulars                                | Approx. Quantity | UoM   | Make & Model | Basic Unit Price (₹) | Applicable Taxes & Duties/ GST (₹) | Unit Price (₹) All inclusive | Total Price (₹) |
|--|--|------------------|-------|--------------|----------------------|------------------------------------|------------------------------|-----------------|
| <b>CAPEX: Rates for items with 1 year warranty (S# 1 to 30) and installation &amp; commissioning</b> |  |                  |       |              |                      |                                    |                              |                 |
| 1.   | Core Switch                                | 44               | Nos.  |              |                      |                                    |                              |                 |
| 2.   | Distribution Switch                        | 109              | Nos.  |              |                      |                                    |                              |                 |
| 3.   | Edge Switch                                | 654              | Nos.  |              |                      |                                    |                              |                 |
| 4.   | Computer with 55" Display for NMS Software | 22               | Nos.  |              |                      |                                    |                              |                 |
| 5.   | 10G SFP Transceivers (Multi mode)          | 968              | Nos.  |              |                      |                                    |                              |                 |
| 6.   | 6 Core Fiber Cable MM                      | 32700            | Mtrs. |              |                      |                                    |                              |                 |
| 7.   | 24 Port LIU Fully Loaded                   | 44               | Nos.  |              |                      |                                    |                              |                 |
| 8.   | 12 Port LIU Fully Loaded                   | 218              | Nos.  |              |                      |                                    |                              |                 |
| 9.   | 6 Port LIU Fully Loaded                    | 763              | Nos.  |              |                      |                                    |                              |                 |
| 10.  | Fiber Patch Cord 3M                        | 968              | Nos.  |              |                      |                                    |                              |                 |
| 11.  | Cat 6 Cable                                | 392400           | Mtrs. |              |                      |                                    |                              |                 |
| 12.  | Cat 6 24 Port Fully Loaded Jack Panel      | 654              | Nos.  |              |                      |                                    |                              |                 |
| 13.  | Cat 6 I/O Complete Set                     | 11945            | Nos.  |              |                      |                                    |                              |                 |
| 14.  | Cat 6 Patch Cord 1M                        | 11945            | Nos.  |              |                      |                                    |                              |                 |
| 15.  | Cat 6 Patch Cord 3M                        | 11945            | Nos.  |              |                      |                                    |                              |                 |
| 16.  | 42U Rack (With Accessories)                | 22               | Nos.  |              |                      |                                    |                              |                 |
| 17.  | 12U Wall Mount Rack (With Accessories)     | 109              | Nos.  |              |                      |                                    |                              |                 |
| 18.  | 9U Wall Mount Rack (With Accessories)      | 654              | Nos.  |              |                      |                                    |                              |                 |
| 19.  | PVC Duct 45x25 MM                          | 8675             | Mtrs. |              |                      |                                    |                              |                 |
| 20.  | PVC Duct 30x25 MM                          | 8675             | Mtrs. |              |                      |                                    |                              |                 |
| 21.  | PVC Pipe 2" with Accessories               | 50050            | Mtrs. |              |                      |                                    |                              |                 |
| 22.  | PVC Pipe 1.5" with Accessories             | 59940            | Mtrs. |              |                      |                                    |                              |                 |

| S#  | Particulars   | Approx. Quantity | UoM   | Make & Model | Basic Unit Price (₹) | Applicable Taxes & Duties/ GST (₹) | Unit Price (₹) All inclusive | Total Price (₹) |
|---|---|------------------|-------|--------------|----------------------|------------------------------------|------------------------------|-----------------|
| 23.   | PVC Pipe 1" with Accessories                            | 59310            | Mtrs. |              |                      |                                    |                              |                 |
| 24.   | HDPE Pipe 2"  | 7300             | Mtrs. |              |                      |                                    |                              |                 |
| 25.   | 10 KVA Online UPS with lockable casing                  | 22               | Nos.  |              |                      |                                    |                              |                 |
| 26.   | 5 KVA Online UPS with lockable casing                   | 52               | Nos.  |              |                      |                                    |                              |                 |
| 27.   | 3 KVA Online UPS lockable casing                        | 109              | Nos.  |              |                      |                                    |                              |                 |
| 28.   | 2 KVA Online UPS lockable casing                        | 654              | Nos.  |              |                      |                                    |                              |                 |
| 29.   | Power Points with cabling for Racks & Switches from UPS | 785              | Nos.  |              |                      |                                    |                              |                 |
| 30.   | Installation & Commissioning                            | 22               | Nos.  |              |                      |                                    |                              |                 |
| <b>OPEX: Rates for warranty from 2<sup>nd</sup> Year to 5<sup>th</sup> Year</b> |   |                  |       |              |                      |                                    |                              |                 |
| 31.   | 2nd year warranty for all items (S# 1 to 30)            |                  |       |              |                      |                                    |                              |                 |
| 32.   | 3rd year warranty for all items (S# 1 to 30)            |                  |       |              |                      |                                    |                              |                 |
| 33.   | 4th year warranty for all items (S# 1 to 30)            |                  |       |              |                      |                                    |                              |                 |
| 34.   | 5th year warranty for all items (S# 1 to 30)            |                  |       |              |                      |                                    |                              |                 |
| <b>Manpower: Rates for Resident Engineer for 1st year only</b>                  |   |                  |       |              |                      |                                    |                              |                 |
| 35.   | Resident Engineer for One year                          | 26               |       |              |                      |                                    |                              |                 |
| <b>Grand Total (CAPEX + OPEX + Manpower)</b>                                    |   |                  |       |              |                      |                                    |                              |                 |

**Note:**

1. The L1 will be discovered on total bid value.
2. The number of items may be increased/decreased at any time.
3. The price of each of the items with 1 year warranty including installation and commissioning should be less than 75% of the total price for that item e.g. total price for CAPEX should be less than 75% of the total contract price excluding Manpower Cost.
4. The manpower cost i.e. "Resident Engineer for One year" is expected to be less than 3% of the contract price.
5. OPEX cost of warranty shall gradually increase or shall remain same as previous year. If any abnormality is observed such that the later year cost is less than previous year, then the bid shall be summarily rejected.
6. The bid found in any other currency shall be summarily rejected. No upward revision shall be allowed in the case of any fluctuation in the foreign currency
7. Period of Delivery: We do hereby undertake that in the event of acceptance of our bid, the supply of mentioned items will be completed within stipulated delivery period as motioned in RFP from the date of issues of purchase order unless otherwise specified in the purchase order.
8. Terms of Delivery: The landed prices quoted are inclusive of current Excise Duty, Freight, Insurance, Sales Tax, etc.
9. We agree to abide by our offer for a period of 180 days from the date fixed for opening of the "commercial e-bids" and that we shall remain bound by a communication of acceptance within that time.

- 
10. We hereby certify that we have read and understood the terms and conditions applicable to the bidder and we do hereby undertake to supply as per these terms and conditions.
  11. Validity of commercial bid: should be 180 days from the date of opening of commercial offers
  12. A company and the person signing the bid/offer is the constituted attorney.
  13. The CAMC of all active LAN components and UPSs will be as per State Govt's. Approved CAMC Policy: <https://cdnbbsr.s3waas.gov.in/s35352696a9ca3397beb79f116f3a33991/uploads/2023/02/2023020883.pdf>

We do hereby undertake that until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the Contract shall constitute a binding Contract between us.

Yours Sincerely,

Authorized Signatory (ies) [In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

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**Annexure 1: Bidding Document Acknowledgement Form**  
**Bidding Document Acknowledgement Form**  
**(To be enclosed with technical bid)**

To,  
The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017  
Subject: e-Tender/CRID/2025-26/DLAN

I/We hereby acknowledge we have downloaded a complete set of Bidding Document enclosed to the "Invitation for Bid" pertaining to tender Notification dated \_\_\_\_ along with corrigendum, if any, for the selection of vendor for the supply of mentioned items

I/We have noted that the closing date for receipt of this tender document by CRID is \_\_\_\_\_ at 2:30 PM.

I/We guarantee that the contents of the above said Bidding Documents will be kept confidential within our organization and text of the said documents shall remain the property of CRID and that the said documents are to be used only for the purpose intended by CRID. Duly signed and stamped copy of tender document is also enclosed.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)



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**Annexure 2: Undertaking for not blacklisted**  
Undertaking for not blacklisted  
(To be submitted on Letterhead by the bidder)

Date: \_\_\_\_\_

From (Name of bidder)

\_\_\_\_\_  
\_\_\_\_\_

Subject: e-Tender/CRID/2025-26/DLAN.

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

I, \_\_\_\_\_ son of Sh. \_\_\_\_\_ resident of \_\_\_\_\_ do hereby solemnly affirm and declare as under: -

That we M/s \_\_\_\_\_ hereby confirm that we M/s \_\_\_\_\_ has not been blacklisted by any State Government/ Central Government/ Public Sector Undertakings as on bid submission date and further confirm that our EMD/SD/Performance bank guarantee has not been forfeited by any State Government / Central Government / Public Sector Undertakings as on bid submission date due to our non-performance, non-compliance with the tender conditions etc.

That we M/s \_\_\_\_\_ hereby declare that all the particulars furnished by us in this Tender are true to the best of my/our knowledge and I/We understand and accept that if at any stage, the information furnished is found to be incorrect or false, I/We am/ are liable for disqualification from this tender and also are liable for any penal action that may arise due to the above.

That we M/s \_\_\_\_\_ certify that no refurbished components are used in the manufacturing and supply of Quoted Items and its related accessories / tendered items.

That in case of violation of any of the conditions above, We M/s \_\_\_\_\_ understand that We M/s \_\_\_\_\_ are liable to be blacklisted by CRID for a period of three years from participating any tender published by Haryana Government.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

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**Annexure 3: Statutory Undertaking**  
**Statutory Undertaking**  
**(To be enclosed with Technical bid)**

Date: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: e-Tender/CRID/2025-26/DLAN

I/We (Name of the Bidder) having registered office at (Address of the registered office) and local office at (Address of the local office), hereby declare and confirm that-

- 1) The contents of the Tender have been carefully gone through and we undertake to fully comply with the terms and conditions specified in the tender document including addendum, if any thereof.
- 2) I/We are not engaged into litigation as of date with any Government Department/ PSU/ Autonomous body on account of similar services for indulging in corrupt or fraudulent practices. We also confirm that we are not determined non-performing by any of the entities specified above.
- 3) Neither the Bidder nor any of its Directors are the subject of criminal or civil proceedings that could be expected to adversely affect its business or its ability to Bid in the present tender.
- 4) We understand that the technical Bid, if found incomplete in any respect and/or if found with conditional compliance or not accompanied with the requisite Bid Security/ Earnest Money Deposit, shall be summarily rejected.
- 5) We understand that if at any time, any averments made or information furnished as part of this Bid is found incorrect, then its Bid and the contract if awarded on the basis of such Bid shall be cancelled.
- 6) We offer to execute the work in accordance with the Terms of Reference and Conditions of Contract of this Tender.
- 7) The information provided in the technical proposal (including the attachments) is true, accurate and complete to the best of my knowledge & belief.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_(Affix the Official Seal of the Bidding Company)

**Annexure 4: Technical Compliance****Technical Compliance**

(to be enclosed with technical bid jointly by respective OEM(s) and Bidder)

Date: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
 Citizen Resources Information Department (CRID)  
 SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: e-Tender/CRID/2025-26/DLAN.

I/We M/S----- having registered office at (Address of the registered office) and local office at (Address of the local office), hereby declare and confirm that the specifications of the items offered match/exceed the ones quantified as minimum requirements in the Tender document.

I/ We, M/S----- further undertake that following equipment to be supplied by us hereunder shall be brand new, free from all encumbrances, defects and faults in material, workmanship and manufacture shall be of the highest grade and quality and consistent with the established and generally accepted standards for materials of the type ordered shall be in full conformity with the specifications, drawings or samples, if any, and shall operate properly: -

Minimum Technical Specification:

**1. Core Switch**

| Specifications      |  | Compliance<br>(YES/NO) |
|---------------------|--|------------------------|
| <b>Core Switch</b>  |  |                        |
| S#                  | Minimum required Technical Specifications for Core Switch (L3)   |                        |
| <b>Form Factor</b>  |  |                        |
| 1                   | 19" Rack Mountable 1U Height with Redundant Power Supply (RPS) from day 1  |                        |
| <b>Architecture</b> |  |                        |
| 2                   | Switch Should support memory of minimum 8 GB DRAM and 8 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability |                        |
| 3                   | The switch throughput of minimum 2 Tbps or more without compromising on Switching & routing performance from day 1   |                        |
| 4                   | Traffics handling capacity should be minimum 800 Mpps from Day 1   |                        |
| 5                   | Should support jumbo frames  |                        |
| 6                   | The switch should have Redundant, Hot Swappable Power supply from day one  |                        |

| Specifications    |   | Compliance<br>(YES/NO) |
|-------------------|---|------------------------|
| 7                 | Should have at least 100k IPv4, 50k IPv6 routes and minimum of 14k Multicast Routes   |                        |
| 8                 | Switch should support Clustering/stacking of at least 2 switches through stacking / MC-LAG or equivalent technology   |                        |
| 9                 | All modules/ SFP, fan trays & Power supplies should be hot swappable  |                        |
| <b>Interfaces</b> |   |                        |
| 10                | Minimum 24 x 1/10/25 Gbps SFP+ from day 1 (SM/MM SFPs as per requirement)   |                        |
| 11                | Should support at least 4 x 40/100 Gbps Uplink Interfaces (SM/MM SFPs as per requirement)   |                        |
| <b>Protocols</b>  |   |                        |
| 12                | Should have static routing, RIP, OSPF, OSPFv3, <b>uRPF/RPF</b> , VRRP, PBR, IP SLA/RPM or equivalent PIM, PIM SSM, BGP, MPLS L3 VPN, Layer 2 VPN / <b>EVPN</b>  |                        |
| 13                | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP  |                        |
| 14                | Should Support Segmentation Protocol Network segmentation protocols VXLAN and VRF/virtual router, EVPN.   |                        |
| 15                | At least 32K MAC Addresses and at least 4000 active VLAN.   |                        |
| 16                | Should Support management protocols SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |                        |
| 17                | IPV6 Ready from day 1   |                        |
| <b>Security</b>   |   |                        |
| 18                | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |                        |
| 19                | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |                        |
| 20                | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN /Remote Port Mirroring  |                        |

| Specifications                |   | Compliance<br>(YES/NO) |
|-------------------------------|---|------------------------|
| 21                            | Should support SDN functionality using open / REST APIs/NETCONF/RESTCONF using YANG/XML data models for external tools to automatically provision network resources/configuration from day one. |                        |
| 22                            | Should support QOS 802.1p class of service, marking, classification, policing and shaping and at least eight egress queues.   |                        |
| 23                            | The switch/ switch series and Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria.  |                        |
| 24                            | All required Cables, Accessories and Licences should be provided from Day-1   |                        |
| <b>Warranty &amp; Support</b> |   |                        |
| 25                            | 5 Years on-site warranty & support from the date of Acceptance  |                        |
| 26                            | Secure boot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software.                              |                        |

## 2. Distribution Switch:

| Specifications             |  | Compliance<br>(YES/NO) |
|----------------------------|--|------------------------|
| <b>Distribution Switch</b> |  |                        |
| <b>S#</b>                  | <b>Minimum required Technical Specifications for Distribution Switch</b>   |                        |
| <b>Form Factor</b>         |  |                        |
| 1                          | 19" Rack Mountable 1U Height with Redundant Power Supply (RPS) from day 1  |                        |
| <b>Architecture</b>        |  |                        |
| 2                          | Switch Should support memory of minimum 4 GB DRAM and 4 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability   |                        |
| 3                          | The single switch throughput of minimum 1 Tbps or more from day 1  |                        |
| 4                          | Single switch traffic handling capacity should be minimum 500 Mpps from Day 1  |                        |
| 5                          | Minimum MAC Addresses 32K  |                        |
| 6                          | Should support jumbo frames  |                        |
| 7                          | The switch should have Redundant Power supply from day one   |                        |
| 8                          | Should have at least 100k IPv4, 50k IPv6 routes and minimum 14k Multicast Routes   |                        |
| 9                          | All modules/ SFP, fan trays & Power supplies should be hot swappable   |                        |
| <b>Interfaces</b>          |  |                        |
| 10                         | Minimum 24 x 1/10/25 Gbps SFP+ Ports from day 1 (SM/MM SFPs as per requirement)  |                        |
| 11                         | Should support at least 4 x 10/25 Gbps or 4 x 40/100 Gbps Uplink Interfaces (SM/MM SFPs as per requirement).   |                        |
|                            | However, if offered ports are 4 x 40/100 Gbps then the SI shall provision needful connectivity to the downlink ports of Core switch without any extra cost to the purchaser. |                        |

| Specifications                |   | Compliance (YES/NO) |
|-------------------------------|---|---------------------|
| <b>Distribution Switch</b>    |   |                     |
| <b>Protocols</b>              |   |                     |
| 12                            | Should have static routing, RIP, OSPF, OSPFv3, <b>uRPF/RPF</b> , VRRP, PBR, IP SLA/RPM or equivalent, PIM, PIM SSM  |                     |
| 13                            | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP  |                     |
| 14                            | Segmentation Protocol Network segmentation protocols VXLAN and VRF/virtual router, EVPN.  |                     |
| 15                            | At least 32K MAC Addresses and at least 1000 active VLAN.   |                     |
| 16                            | Should Support management protocols SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |                     |
| 17                            | IPV6 Ready from day 1   |                     |
| <b>Security</b>               |   |                     |
| 18                            | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |                     |
| 19                            | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |                     |
| 20                            | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN /Remote Port Mirroring  |                     |
| 21                            | Should support SDN functionality using open / REST APIs/NETCONF/RESTCONF using YANG/XML data models for external tools to automatically provision network resources/configuration from day one.   |                     |
| 22                            | Should support QOS 802.1p class of service, marking, classification, policing and shaping and at least eight egress queues.   |                     |
| 23                            | The switch/ switch series and Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria.  |                     |
| 24                            | All required Cables, Accessories and Licences should be provided from Day-1   |                     |
| <b>Warranty &amp; Support</b> |   |                     |
| 25                            | 5 Years on-site warranty & support from the date of Acceptance  |                     |
| 26                            | Secureboot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software.   |                     |

### 3. Edge Switch:

| Specifications     |  | Compliance (YES/NO) |
|--------------------|--|---------------------|
| <b>Edge Switch</b> |  |                     |
| <b>S#</b>          | <b>Minimum required Technical Specifications for Edge Switch</b> |                     |
| <b>Form Factor</b> |  |                     |
| 1                  | 19" Rack Mountable 1U Height                                     |                     |

| Specifications      |   | Compliance (YES/NO) |
|---------------------|---|---------------------|
| <b>Architecture</b> |   |                     |
| 2                   | Switch Should support memory of minimum 4 GB DRAM and 4 GB Flash memory or more to support multiple software images for backup purposes, log report and future scalability  |                     |
| 3                   | The switch throughput of minimum 148 Gbps from day 1  |                     |
| 4                   | Traffic handling capacity should be minimum 95 Mpps from Day 1  |                     |
| 5                   | Should support jumbo frames   |                     |
| 7                   | Minimum MAC Addresses 24K   |                     |
| 8                   | All modules/SFP should be hot swappable   |                     |
| <b>Interfaces</b>   |   |                     |
| 9                   | Minimum 24 x 1G copper ports from day 1   |                     |
| 10                  | Should have at least 2 x 10G / 25G Uplink Interfaces  |                     |
| <b>Protocols</b>    |   |                     |
| 11                  | Should support Static, OSPF, PIM  |                     |
| 12                  | IEEE Standards IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae / End to End Encryption, 802.3x, 802.1p, 802.1Q, 1588v2/NTP  |                     |
| 13                  | Should Support Access List/ Firewall Filters, IPv6, NTP, SNMP, TACACS/RADIUS AAA, IEEE 802.1Q VLAN  |                     |
| 14                  | IPv6 Ready from day 1   |                     |
| <b>Security</b>     |   |                     |
| 15                  | 802.1x authentication and accounting, IPv4 and IPv6 ACLs, Dynamic VLAN assignment and MACSec-256 (or higher) or equivalent to ensure End to End encryption or VxLAN encapsulation and security on hardware for applicable ports and should support SSH, TLS based access to the switch for Management |                     |
| 16                  | Should provide IPv6 Security mechanism viz. IPv6 RA Guard, IPv6 DHCP Guard/DHCP snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard etc.   |                     |
| 17                  | Should Support Access List/ Firewall Filters, QoS, Policy based routing, IPv6, NTP, SNMP, TACACS/RADIUS AAA   |                     |
| 18                  | Telemetry & Visibility using Netflow/jflow/sflow, SPAN, RSPAN / remote port mirroring   |                     |

| Specifications     |   | Compliance (YES/NO) |
|--------------------|---|---------------------|
| 19                 | The switch/ switch series/ Switch OS should be EAL3/NDPP/NDcPP certified under Common Criteria  |                     |
| 20                 | All required Cables, Accessories and Licences should be provided from Day-1   |                     |
| Warranty & Support |   |                     |
| 21                 | 5 Years on-site warranty & support from the date of Acceptance  |                     |
| 22                 | Secureboot or equivalent functionality is required in order to provide assurance that the firmware and BIOS are authentic to avoid loading of untrusted software. |                     |

#### 4. Passive Cabling:

| S# | Item                         | S# | Passive Specifications  | Compliance (YES/NO) |
|----|------------------------------|----|---|---------------------|
| 1  | Multi Mode Fiber Cable       | 1  | FIBER CABLE OUTDOOR 6 CORE OM4 MULTIMODE  |                     |
|    |                              | 2  | Minimum Cores 6 OM4   |                     |
|    |                              | 3  | The Fiber is optimized for operation at 850 nm and 1300 nm.   |                     |
|    |                              | 4  | 50/125 µm MM Fiber  |                     |
|    |                              | 5  | Should be as per IEC 60794-1-2 E1; IEC 60794-1-2 E11; IEC 60794-1-2 E3; IEC 60794-1-2 F1; IEC 60794-1-2 E4; IEC 60794-1-2 E7; IEC 60794-1-2 E10 |                     |
|    |                              | 6  | Should be Armored with ECCS tape (i.e. Corrugated Steel Tape Armoured)  |                     |
|    |                              | 7  | Cable Jacket material : Low Smoke Zero Halogen  |                     |
|    |                              | 8  | Central Loose Tube Jelly Compound, Glass Yarn / Water swelling tape in between Steel Tape & Loose Tube.   |                     |
|    |                              | 9  | Outer diameter should be in range of 9 mm to 16 mm  |                     |
|    |                              | 10 | Thickness of the Jacket Should be in range of 1.5 mm to 2.5 mm  |                     |
|    |                              | 11 | Pulling Tension: Short Term at least 1500N, Long term at least 800N, Crush Load: at least 2000N/100mm   |                     |
|    |                              | 12 | The Fiber Operating Temperature: -10°C to +60°C   |                     |
|    |                              | 13 | The Fiber Max Attenuation should be ≤3.5 dB/KM for 850nm- & ≤1.5 dB/KM for 1300nm.  |                     |
| 2  | Multi Mode Fiber Patch Cords | 1  | Patch Cord: OM4 3, 5, 9 meters or Higher  |                     |
|    |                              | 2  | Patch Cord Should be Multi Mode OM4 Bend optimised  |                     |
|    |                              | 3  | Type of Connector: LC-LC  |                     |
|    |                              | 4  | Jacket Material: LSZH   |                     |
|    |                              | 5  | Should have provision for Visual coding / tagging and latching provision.   |                     |
|    |                              | 6  | Certifications: ETL /UL as per the standards ANSI//TIA/EIA latest   |                     |



| S# | Item                         | S# | Passive Specifications   | Compliance (YES/NO) |
|----|------------------------------|----|--|---------------------|
| 3  | LIU                          | 1  | LIU 6/12/24 Port Rack Mountable 19" Loaded with LC Duplex Adaptors, Pigtails and Splice Holders  |                     |
|    |                              | 2  | Metal sliding style Loaded as per design for 6/12/24/48 Fiber with Easily removable Top plate / Front Cover with Push Buttons  |                     |
|    |                              | 3  | 6/12/24/48 Port LC Type 1U   |                     |
|    |                              | 4  | Should include Single Mode or Multi Mode Pigtails and Adaptors as per design and BOQ.  |                     |
|    |                              | 5  | Tray Material should be ABS  |                     |
|    |                              | 6  | Adaptors should have dust covers   |                     |
|    |                              | 7  | LIU enclosure Design & Material must have provision for Rodent Entry Control / Protection (i.e. to prevent entry of Rodents inside LIU)  |                     |
|    |                              | 8  | Should have provision for Visual coding / tagging and latching provision.  |                     |
| 4  | Cat6 UTP Cable               | 1  | CAT 6, 4 Pair UTP LSZH Cable   |                     |
|    |                              | 2  | Category 6A cable shall have valid verified certificate in channel from ETL / UL and complies with the Cat 6A performance requirements of edition 1.0 of latest (ISO/IEC 11801-1,) The Cat 6 requirements of ANSI/EIA/TIA-568.2-D Flame retardancy is verified according to latest IEC 60332-1-2, edition 3.1 of IEC 61034-2:2013 and edition 2.0 of IEC 60754- 2:2011. In case of single cable. Certificate Number Must be declared |                     |
|    |                              | 3  | Category 6 UTP cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, UTP Solid bare Copper (Conductor Size: 23 AWG Solid type).   |                     |
|    |                              | 4  | Category 6 should operate on bandwidth up to 250MHz as per International standard.   |                     |
|    |                              | 5  | 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.   |                     |
|    |                              | 6  | Conductor Insulation material should be High Density Polyethylene/Polyolefin & Sheath: LSZH, Insulation Thickness 0.2 mm Nominal   |                     |
|    |                              | 7  | Operating Temperature Range: - 5° C to +60° C  |                     |
| 5  | Cat6 Information Outlet with | 1  | CAT6 INFORMATION OUTLET with Single Port Face Plate of 86 mm x 86 mm and Gang Box  |                     |
|    |                              | 2  | RJ-45 Category 6   |                     |
|    |                              | 3  | Terminating 4 Pairs 23 AWG UTP cable.  |                     |
|    |                              | 4  | Comply with ANSI/TIA/EIA-568-D   |                     |
|    |                              | 5  | Operating life: Minimum 500 insertion cycles   |                     |
|    |                              | 6  | Certifications: UL / ETL Verified as per the TIA / ANSI / EIA  |                     |

| S# | Item                                | S# | Passive Specifications   | Compliance (YES/NO) |
|----|-------------------------------------|----|--|---------------------|
|    | Single Port Face Plate and Gang Box | 7  | Connection module should be CAT 6 with Reliable insulation displacement contacting (IDC) (dust cover to be provided as part of the I/O or Faceplate)               |                     |
|    |                                     | 8  | Each module should have a Label with colour wiring Configuration T568A/T568B.  |                     |
|    |                                     | 9  | OEM to submit UL / ETL Verified certificate/report as per TIA / ANSI/ EIA standards.   |                     |
| 6  | Cat6 Jack Panel Loaded              | 1  | 24 PORT CAT6 JACK PANEL/PATCH PANEL LOADED   |                     |
|    |                                     | 2  | 24 Port RJ-45 Category 6 Patch Panel Fully Loaded  |                     |
|    |                                     | 3  | 1RU Height   |                     |
|    |                                     | 4  | Terminating 4 Pairs 23 AWG UTP cable.  |                     |
|    |                                     | 5  | Comply with proposed ANSI/TIA/EIA-568-C.2.   |                     |
|    |                                     | 6  | Operating life: Minimum 200 insertion cycles   |                     |
|    |                                     | 7  | Certifications: UL / ETL Verified as per the TIA / ANSI/ EIA   |                     |
|    |                                     | 8  | Panel should supply with 19" Rack mountable, Port number 1-24 on the front of the panel, Each keystone Jack should have a colour wiring Configuration T568A/T568B. |                     |
|    |                                     | 9  | Should have self-adhesive, clear label holders and designation labels with the panel, with optional colour labels / icons.   |                     |
|    |                                     | 10 | Material: sub-rack made of sheet steel 1.5 mm, panel frame / screen made of plastic (ABS), halogen-free.   |                     |
|    |                                     | 11 | Each Port / Jack on the panel should be individually removable on field from the panel.  |                     |
| 7  | Cat6 Patch Cords                    | 1  | UTP Cat 6 Patch Cord.  |                     |
|    |                                     | 2  | RJ-45 4 Pair Category 6 Patch Cords - 1, 2 & 3 Meters  |                     |
|    |                                     | 3  | 8-position modular plugs on both ends with factory moulded Boot/strain relief clip.  |                     |
|    |                                     | 4  | Conductor size: 24 -26 AWG stranded bare copper  |                     |
|    |                                     | 5  | Operating life: Minimum 500 insertion cycles   |                     |
|    |                                     | 6  | Contact blade: Copper Alloy  |                     |
|    |                                     | 7  | Contact plating: at least 1.27 µm Gold or better   |                     |

#### 5. Racks

| S# | Required Minimum Specifications                            | Compliance (YES/NO) |
|----|--|---------------------|
| 1  | Racks Size: 42U DIN Std. No. 41494 or equivalent           |                     |
| 2  | Width * Depth: 800 MM x 1000 MM                            |                     |
| 3  | Well Painted / Coated Steel Body                           |                     |
| 4  | Completely covered & have security locks                   |                     |
| 5  | All covers can be removed & opera table from all sides     |                     |
| 6  | Uninhibited access to all mounting points inside the racks |                     |
| 7  | Proper ventilated with minimum four fans                   |                     |
| 8  | 2 nos. Vertical Cable Manager                              |                     |

|           |  |  |
|-----------|--|--|
| 9         | Min. 5 Nos. Horizontal Cable Manager   |  |
| 10        | Power cable management   |  |
| 11        | Two Power strips having 10 x 5A/15A sockets with MCB each                      |  |
| 12        | Adjustable shelf & accessories to accommodate equipment's                      |  |
| 13        | Should have floor standing on 360 degree rollers and front rollers with brakes |  |
| 14        | UL (Under Laboratory) Listed / ISO 14001.                                      |  |
| 15        | Warranty: 5 Years onsite warranty & support                                    |  |
| <b>S#</b> | <b>Required Minimum Specifications</b>   |  |
| 1         | Racks Size: 9U / 12U DIN Std. No. 41494 or equivalent                          |  |
| 2         | 19" equipment mounting   |  |
| 3         | Width * Depth: 600 MM x 500 MM   |  |
| 4         | Top and Bottom Panel with ventilation and cable entry facility                 |  |
| 5         | Well Painted / Coated Steel Body   |  |
| 6         | Lockable Toughened Glass Door  |  |
| 7         | At least 01 Cooling Fan on the Top Panel                                       |  |
| 8         | 1U Horizontal Cable Manager (Qty. as per requirements)                         |  |
| 9         | Power Distribution Unit  |  |
| 10        | UL (Under Laboratory) Listed / ISO 14001.                                      |  |
| 11        | Warranty: 5 Years onsite warranty & support                                    |  |

#### 6. PC

| Type                   | Parameter  | Required Minimum Specification   | Compliance (YES/NO) |
|------------------------|--|--|---------------------|
| <b>Processor</b>       | Generation   | Intel® Core™ i5 Processor 11 <sup>th</sup> Generation or higher.                   |                     |
|                        | CPU Architecture   | x64  |                     |
|                        | Speed (Min Base Frequency)   | 2.5 GHz or higher  |                     |
|                        | Turbo Frequency  | 4.4 GHz or higher  |                     |
|                        | Cores  | Min. 6   |                     |
|                        | Threads  | Min. 12  |                     |
|                        | Cache  | 12 MB or higher  |                     |
| <b>Mother Board</b>    | Sound/ Audio System  | Integrated   |                     |
|                        | Memory   | 1x16 GB DDR-IV (2933 MHz) or higher expandable up to 64 GB (Min. 2 DIMM) or higher |                     |
|                        | Video Graphics   | Integrated Graphics  |                     |
|                        | PCI Slot   | Minimum 1 PCI Express x 16   |                     |
| <b>Hard disk Drive</b> | 512 GB SSD + 1 TB SATA (7200 RPM) or higher or 1 TB SSD or higher capacity |  |                     |
| <b>Display</b>         | Screen Size  | 19.5" or more TCO 08 certified   |                     |
|                        | Display Technology   | Active Matrix TFT LCD (Backlit LED)  |                     |
|                        | Resolution   | 1600x900 or higher   |                     |
| <b>Keyboard</b>        | Standard USB OEM make  |  |                     |

|                               |   |   |  |
|-------------------------------|---|---|--|
| <b>Mouse</b>                  | Optical/Laser USB OEM make                            |   |  |
| <b>Operating System</b>       | Preloaded OS  | -   |  |
|                               | Additional OS supported                               | -   |  |
| <b>Miscellaneous</b>          | Ports, Security & Misc.                               | Minimum 6 USB Ports (Out of which 3 USB 3.0 ports and minimum 2 USB ports should be at front), 10/100/1000 Ethernet Card, 1x VGA/DP, 1x Display Port/HDMI, Microphone & Stereo Headphone/ Combo port and other standard ports, TPM 2.0 or higher. |  |
|                               | Power Supply  | 260 W or less Power supply (>=85% efficient), Active PFC or higher  |  |
|                               | Volume  | <= 15.5 Liters  |  |
| <b>Warranty &amp; support</b> | Min. 5 years onsite comprehensive Warranty & support. |   |  |

## 7. Display

| Display |                          |   |                     |
|---------|--------------------------|---|---------------------|
| S#      | Features                 | Minimum required Technical Specifications for Display             | Compliance (YES/NO) |
| 1       | Display Size             | 55" or Higher   |                     |
| 2       | Type                     | LED (Backlit LCD)   |                     |
| 3       | Grade                    | Industrial 16/7   |                     |
| 4       | Native Resolution        | 3840 x 2160 (4K FHD)  |                     |
| 5       | Brightness               | 350 Nits or Higher  |                     |
| 6       | Contrast Ratio           | 4000:1 or Better  |                     |
| 7       | Viewing Angle            | 178 x 178   |                     |
| 8       | Min. Input Ports         | 2 HDMI (2.0), 1 x USB 2.0, 1 x RJ45                               |                     |
| 9       | Operation Temperature    | 0 °C to 40 °C or better   |                     |
| 10      | Operation Humidity       | 10 % to 80 % or better  |                     |
| 11      | Power Type               | AC 100 - 240 V, 50/60 Hz  |                     |
| 12      | Certificates & Approvals | CB/UL, BIS, EMC Class A compliant                                 |                     |
| 13      | Accessories              | Wall Mount Bracket, Remote Control, Cables & 10 Meters HDMI Cable |                     |
| 14      | Warranty & Support       | 5 Years warranty & support from the Date of Acceptance            |                     |

## 8. UPS Systems

| S# | Description                                | 2 KVA Online   |
|----|--|--|
| 1  | Technology                                 | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring   |
| 2  | Isolation                                  | NA   |
| 3  | Input Voltage Range                        | 160-270 VAC  |
| 4  | Input Power Factor                         | >0.9   |
| 5  | Input Frequency                            | 45-55Hz  |
| 6  | Out Put Voltage                            | 230+/-2%, 50Hz   |
| 7  | Output Power Factor                        | 0.8  |
| 8  | Frequency                                  | 50Hz+/-0.5%  |
| 9  | Efficiency                                 | >85%   |
| 10 | Wave Form                                  | Pure Sine wave   |
| 11 | Total Harmonic Distortion (THD)            | <3% for linear load, & 6% nonlinear load   |
| 12 | Over Load Capacity                         | Up to 125% for 60 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load   |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries with Minimum of 6048 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | <8 hours up to 90%.  |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant   |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit  |
| 18 | Operating Temperature                      | 0-50°C   |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility   |
| 20 | Noise:                                     | <50dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.   |
| 22 | Compatibility                              | DG Set   |

| S# | Description                     | 3 KVA Online   |
|----|---------------------------------|--|
| 1  | Technology                      | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring |
| 2  | Isolation                       | NA   |
| 3  | Input Voltage Range             | 160-270 VAC  |
| 4  | Input Power Factor              | >0.9   |
| 5  | Input Frequency                 | 45-55Hz  |
| 6  | Out Put Voltage                 | 230+/-2%, 50Hz   |
| 7  | Output Power Factor             | 0.8  |
| 8  | Frequency                       | 50Hz+/-0.5%  |
| 9  | Efficiency                      | >85%   |
| 10 | Wave Form                       | Pure Sine wave   |
| 11 | Total Harmonic Distortion (THD) | <3% for linear load, <6% nonlinear load  |

| S# | Description                                | 3 KVA Online   |
|----|--|--|
| 12 | Over Load Capacity                         | Up to 125% for 60 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load   |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries with Minimum of 9600 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | <8 hours up to 90%.  |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant   |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit  |
| 18 | Operating Temperature                      | 0-50°C   |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility   |
| 20 | Noise:                                     | <50dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.   |
| 22 | Compatibility                              | DG Set   |

| S# | Description                           | 5 KVA Online  |
|----|---------------------------------------|---|
| 1  | Technology                            | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring  |
| 2  | Isolation                             | UPS must be provided with Internal Isolation Transformer at output for total isolation between input & output.  |
| 3  | Input Voltage Range                   | Single Phase, 160-270 VAC   |
| 4  | Input Power Factor                    | >0.9  |
| 5  | Input Frequency                       | 45-55Hz   |
| 6  | Out Put Voltage                       | Single Phase 230+/-2%, 50Hz   |
| 7  | Output Power Factor                   | 0.8 for 5 KVA/0.7 for 6KVA  |
| 8  | Frequency                             | 50Hz+/-0.5%   |
| 9  | Efficiency                            | >85%  |
| 10 | Wave Form                             | Pure Sine wave  |
| 11 | Total Harmonic Distortion (THD)       | <3% for linear load, <6% nonlinear load   |
| 12 | Over Load Capacity                    | Upto 125% for 60 Sec & upto 150% load for 30 Sec  |
| 13 | Back up Time                          | Minimum 2 hours back up on full load  |
| 14 | Battery, Backup and with Battery Rack | SMF Li-ion Batteries Minimum of: 14400 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                      | <8 hours up to 90%.   |
| 16 | Battery Make                          | DGS&D or JIS C8702 compliant  |
| 17 | Protections                           | Low Battery, over load, over temperature, short circuit   |
| 18 | Operating Temperature                 | 0-50°C  |

| S# | Description                                | 5 KVA Online   |
|----|--|--|
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility                                     |
| 20 | Noise:                                     | <50dB up to 1 meter  |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification. |
| 22 | Compatibility                              | DG Set   |

| S# | Description                                | 10 KVA online   |
|----|--|---|
| 1  | Technology                                 | Microprocessor Controlled, Double Conversion, PWM IGBT Inverter with LCD Display for UPS status monitoring  |
| 2  | Isolation                                  | UPS must be provided with Internal Isolation Transformer at both input and output for total isolation between input & output.   |
| 3  | Input Voltage Range                        | Three phase (320 - 480 VAC)   |
| 4  | Input Power Factor                         | >0.9  |
| 5  | Input Frequency                            | 45-55Hz   |
| 6  | Out Put Voltage                            | Single Phase 230+/-2%,  |
| 7  | Output Power Factor                        | 0.8   |
| 8  | Frequency                                  | 50Hz+/-0.5%   |
| 9  | Efficiency                                 | >85%  |
| 10 | Wave Form                                  | Pure Sine wave  |
| 11 | Total Harmonic Distortion (THD)            | <3% for linear load, <6% nonlinear load   |
| 12 | Over Load Capacity                         | Upto 125% for 60 Sec & upto 150% load for 30 Sec  |
| 13 | Back up Time                               | Minimum 2 hours back up on full load  |
| 14 | Battery, Backup and with Battery Rack      | SMF Li-ion Batteries Minimum of: 32000 VAH for 2 hrs. With Battery rack. Battery rack should be covered & lockable for security of batteries with proper ventilation. |
| 15 | Charger capacity                           | 2A -10A Configurable  |
| 16 | Battery Make                               | DGS&D or JIS C8702 compliant  |
| 17 | Protections                                | Low Battery, over load, over temperature, short circuit   |
| 18 | Operating Temperature                      | 0-50°C  |
| 19 | Optional                                   | RS 232/USB, SNMP Compatibility  |
| 20 | Noise:                                     | <65dB up to 1 meter   |
| 21 | Product Quality Standard and certification | ISO 9001:2008 or higher, 14001:2004 or higher & BIS Certification.  |
| 22 | Compatibility                              | DG Set  |

Note:

The Compliance should be submitted as per Minimum Technical Specifications on OEM letterhead along with products / items Data Sheet for offered make & model.

The Bidder need to consolidate Compliances of respective OEMs and submit the same (counter signed) along with the forwarding format as above.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_(Affix the Official Seal of the Bidding Company)



**Annexure 5: Certificate of Dealership/Authorization Letter/Warranty****Certificate of Dealership/Authorization Letter/Warranty**

*(To be provided by the OEMs of devices as mentioned in this tender document on their Letterhead) to be enclosed with Technical bid*

Dated: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: E-Tender/CRID/2025-26/DLAN

Sir,

This is to certify that I/We am/are the Original Equipment Manufacturer in respect of the products listed below. I/We confirm that

1. <Name of Bidder> is our National Distributor/Distributor/Company/System Integrator/Firm for offered products i.e. ....
2. <Name of Bidder> have due authorization from us to provide product(s) listed below and related services of warranty, licensing and maintenance
3. We endorse the warranty, contracting and licensing terms provided by <Bidder> as per the requirement of this tender.
4. In case there is a shortfall in overall warranty period due to the time gap between installation date and Go-Live date, we will ensure to support the Purchaser through the bidder for back-to-back warranty for the shortfall period. In case, the bidder is not associated with the project at any stage, the back-to back warranty shall be extended through our Authorized Service Provider/ alternate SI selected for this project by the Purchaser. This is to ensure that the overall warranty as per the scope and terms & conditions of the RFP is complied with.
5. We also certify that the above-mentioned product being supplied by the <Bidder> meets the minimum specifications given in the Tender document.

The authorization will remain valid till <Date of renewal of dealership>

| Sr. No. | Product Name                         |
|---------|--------------------------------------|
| 1       | <Fill Model number and Product name> |
| 2       | ...                                  |

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

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**Annexure 6: Undertaking for honoring warranty**

Undertaking for honoring warranty

(To be enclosed with Technical bid and to be submitted by the bidder on its letter head)

Date: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Sub: Undertaking for honoring warranty for the period indicated in the contract

This bears reference to our quotation Ref. \_\_\_\_\_ Dated \_\_\_\_\_

We warrant that,

- 1) All Products supplied by us shall be brand new (purchased within 2 months of the date of supply), free from all defects and faults in material, workmanship and manufacture. They shall be of the highest grade and quality and shall be consistent with the established industry standards.
- 2) We shall provide the documentary proof for warranty and proof of purchase at the time of deployment of infrastructure
- 3) None of the components and sub-components are declared "End-of-sale" by the respective OEM in next Two (2) years as on date of submission of Bid.
- 4) If the infrastructure supplied by us is not-supported by the OEM during the period of contract for any reason, we will replace the product with a suitable higher alternate for which support is provided by the OEM at no additional cost to the department and without impacting the performance or timelines of this engagement
- 5) We would provide on-site maintenance of the installed system for a period of 5 years from the date of commissioning of the system within the price quoted by us in the Commercial Bid.
- 6) We, [Insert Bidder's Name], regarding our bid submitted for e-Tender<xx> declare that in case, there is a shortfall in overall warranty period due to the time gap between installation date and Go-Live date, we will ensure back-to-back OEM warranty for equipment for the shortfall period in order to comply with the scope and terms & conditions of the RFP, without any additional cost to the purchaser.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 7: Checklist**  
(Checklist to be enclosed with Technical bid)

Date: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: e-Tender/CRID/2025-26/DLAN

We M/s \_\_\_\_\_ has enclosed documentary evidence for fulfilling the Eligibility in the Technical Bid and other requirement laid in the tender document.

| S# | Clause  | Documents Required  | Document Attached Yes/No | Pg.no. |
|----|---|---|--------------------------|--------|
| 1. | Processing fee for Tender should be submitted.  | The Payment for Tender Document Fee ₹5,900/- (Rupees Five Thousand Nine Hundred Only) i.e. (₹5,000/- + 18% GST) and ₹1,180/- eService Fee i.e. (₹1,000+18% GST) can be made by eligible bidders through Online Mode at NIC Portal in favor of Citizen Resources Information Department.<br><br>Scanned copy of Online Payment Receipt should be uploaded with technical e-bid.  |                          |        |
| 2. | EMD should be submitted.  | The EMD will be ₹90,00,000/- (Rupees Ninty Lakh only), wherein an amount of ₹5,00,000/- (Rupees Five Lakh only) can be made by eligible bidders through Online Mode at NIC Portal in favor of in favor of Citizen Resources Information Department and remaining ₹85,00,000/- (Rupees Eighty Five Lakh only) should be submitted in form of Bank Guarantee valid for at least 12 months.<br><br>Scanned copy of Online Payment Receipt and Bank Guarantee should be uploaded with technical e-bid. This PBG will be returned on award of tender to the L1 Bidder. |                          |        |
| 3. | The Signatory signing the Bid on behalf of the Bidder should be duly authorized by the Board of Directors of the Bidding Company to sign the Bid on their behalf. | A Certificate from CS certifying that the Bidder is authorized by Board of Directors / Managing Director / CEO.   |                          |        |

| S# | Clause   | Documents Required   | Document Attached Yes/No | Pg.no. |
|----|--|--|--------------------------|--------|
| 4. | <p>The bidder must be an OEM or their National Distributor. However, in case, OEM or their National distributors are not directly participating in the tender then the OEM can authorize any Indian firm/dealer/SI to participate in the tender.</p> <p>Bidder can also be a startup as defined by Govt. of Haryana, Industries &amp; Commerce Department vide policy circular no. 2/2/2016-4I-BII dated 13.08.2021. The said policy circular is available on the website of DGS&amp;D, Haryana i.e. <a href="http://dsndharyana.gov.in/en-us/Purchase/Rules-instruction-and-procedure/Instructions">http://dsndharyana.gov.in/en-us/Purchase/Rules-instruction-and-procedure/Instructions</a></p> | <p>Certificate / license of Manufacturing is required, in case bidder is an OEM.</p> <p>Certificate of dealership / authorization letter as per the Annexure-5 from OEM in case bidder is any National Distributor or Indian firm/dealer/SI etc.</p> <p>The OEM must be registered in India under the Indian Companies Act, 1956. (copy of Registration certificate must be submitted)</p> <p>In case bidder is a startup, the prior turnover and prior experience shall be applicable as defined by Govt. of Haryana, Industries &amp; Commerce Department vide policy circular no. 2/2/2016-4I-BII dated 13.08.2021. The clause of OEM/authorized distributor / Dealer / agent shall not apply for startups as startups have to bid directly</p> <p>(For Switches, Servers, Computers, Display, Cabling Components, Racks &amp; UPS)</p> |                          |        |
| 5. | <p>The bidder must be registered in India under the Indian Companies Act, 1956/ Partnership Act 1932/sole proprietorship (with VAT &amp; Service Tax registration) firm and should be in existence in India for at least the last 3 financial years, as on date of submission of bid.</p>  | <p>The bidder shall provide the Certificate of Incorporation for Registered Companies, Partnership Deed for Partnership Firms / GST Registration Certificate for Sole Proprietorship Firms.</p>  |                          |        |
| 6. | <p>OEM Qualification Criteria</p> <p>The OEM should be in manufacturing of offered (or similar) products for at-least 3 out of last 5 financial years in addition to current year as on bid submission date for Active, UPS and cabling component.</p>   | <p>Copies of Supply orders/ Invoices/ Completion Certificate from the concerned supplier/ client, conforming the total quantity/ value and destination where supplied, be considered proving at least 3 years out of 5 years in manufacturing in one each from any of the following Financial Years 2019-20, 2021-22, 2022-23, 2023-24, 2024-25 current FY/ till bid submission date.</p> <p>(For Switches &amp; Cabling Components)</p> <p>For Cabling Component, order executed on behalf of private organizations may also be considered also cabling component quantity be taken cumulative as (CAT6 Cables, Fiber Cable, Patch cords etc.).</p>   |                          |        |

| S#  | Clause   | Documents Required  | Document Attached Yes/No | Pg.no. |
|-----|--|---|--------------------------|--------|
| 7.  | The OEM should have supplied the similar equipment of 200% (Two times) of estimated tender quantity of respective items in last 3 financial years. The orders should be executed on behalf of States or Central Govt./ PSUs/ Central or State Universities/ Scheduled banks/ Nifty 100 listed companies (as on date of submission) for switching and cabling components. | Certified letter from the concerned Client(s) confirming the total amount, date of engagement and successful completion of order within the time stipulated in work order.<br><br>i.e. 2022-23, 2023-24, 2024-25 current FY/ till bid submission date.<br><br>(For Switches & Cabling Components)   |                          |        |
| 8.  | Bidder Qualification Criteria Authorized distributor / dealer / agent etc., they should be in the business of Networking at least for any 3 financial years out of last 5 financial years.   | Copies of work orders or contract proving at least 3 years, one each from any of the following Financial Years 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, current FY/ till bid submission date.   |                          |        |
| 9.  | The bidder average turnover during last 3 financial years should be at least 80% of the estimated tender value.  | Audited Balance sheet and Profit & Loss account statement and CA Certificate of the Bidder for each of the last 3 audited financial years i.e. 2021-22, 2022-23, 2023-24.   |                          |        |
| 10. | The bidder should have executed orders in the last 3 financial years. The orders should be executed on behalf of States or Central Govt. / PSUs / Central or State Universities / Scheduled Banks.   | Three completed orders each costing not less than the amount equal to 40% of the estimated cost.<br><br>Or<br>Two completed orders each costing not less than the amount equal to 50% of the estimated cost.<br><br>Or<br>One completed order costing not less than the amount equal to 80% of the estimated cost.<br>For, 2022-23, 2023-24, 2024-25, current FY/ till bid submission date.<br>(For Switches & Cabling Components)<br><br>(Work orders & completion reports for Networking Projects or other projects with equivalent quantity of networking component where it includes installation and commission of active components along with UTP and fiber optic cable laying). |                          |        |
| 11. | The bidder should have positive net worth (measured as paid up capital plus free reserves) in any of two years out of 3 financial year i.e. 2021-22, 2022-23 & 2023-24   | iii) CA Certificate / Statutory Auditor Certificate of the Bidder confirming the net-worth and profit after Tax for each of the last 3 financial years.<br>i) The net worth of the Bidder firm (manufacturer or principal of authorized representative) should not be negative and also should have not eroded by more than 30% (thirty percent) in the last three financial years.   |                          |        |

| S#  | Clause  | Documents Required   | Document Attached Yes/No | Pg.no. |
|-----|---|--|--------------------------|--------|
| 12. | Should not have been black listed as on date of submission of Bid.  | An Undertaking as per the Annexure-2 to be submitted by bidder on non-judicial stamp paper.  |                          |        |
| 13. | Service Center  | There should be at least one OEM owned or authorized service center in Tri-city/ Haryana/ NCR. (For Switches, Servers, Computers, Display, & UPS)  |                          |        |
| 14. | ISO Certification   | ISO 9001:2015/2018 or latest Certificate issued in the name of Bidder & OEM and ISO 14001 Certificate issued in the name of OEM for handling of hazardous items in the manufacturing process. (For Switches, Servers, Computers, Display, Cabling Components, Racks & UPS)   |                          |        |
| 15. | Product certification   | As mentioned in the Technical Specification.   |                          |        |
| 16. | Certifications / Compliance   | The Bidder should have all necessary certifications permissions, consents, NOCs, approvals as required under law for carrying out its business. The Bidder should have currently valid GST No. and PAN No.   |                          |        |
| 17. | No Dispute with Bidder or their OEM/Principal   | At the time of submission of bids, there should be no dispute with the OEM/Bidder related to supply of any item placed by CRID. Bid of such OEM and their product/bidder will not be considered. (Annexure 13 & 14)  |                          |        |
| 18. | The concessions/Benefits are allowed to MSMEs as per Haryana State Public Procurement Policy for MSMEs-2016 | The details of Haryana State Public Procurement Policy for MSMEs-2016 can be obtained from website of Directorate of Supplies & disposal Haryana ( <a href="http://dsndharyana.gov.in/writereaddata/Document/1_93_1_msme_policy.pdf">http://dsndharyana.gov.in/writereaddata/Document/1_93_1_msme_policy.pdf</a> ) |                          |        |
| 19. | Technical Bid   | Format 1   |                          |        |
| 20. | Commercial Bid  | Format 2   |                          |        |
| 21. | Acknowledgement of bid document   | Annexure 1   |                          |        |
| 22. | Self-Declaration on not being blacklisted   | Annexure 2   |                          |        |
| 23. | Statutory undertaking   | Annexure 3   |                          |        |
| 24. | Technical Compliance  | Annexure 4   |                          |        |
| 25. | Certificate of Dealership/ Authorization  | Annexure 5   |                          |        |
| 26. | Undertaking for honoring warranty   | Annexure 6   |                          |        |
| 27. | Checklist   | Annexure 7   |                          |        |
| 28. | After Sales Service Certificate   | Annexure 8   |                          |        |
| 29. | Undertaking of Rates  | Annexure 9   |                          |        |
| 30. | Format for Relaxations to Micro Small Enterprise registered in Haryana                                      | Annexure 10  |                          |        |
| 31. | Format for Relaxations to Medium Enterprise registered in Haryana   | Annexure 11  |                          |        |
| 32. | Authenticity of submitted documents/information   | Annexure 12  |                          |        |

| S#  | Clause   | Documents Required                          | Document Attached Yes/No | Pg.no. |
|-----|--|---|--------------------------|--------|
| 33. | Undertaking  | Annexure-13                                 |                          |        |
| 34. | Undertaking Compliance regarding restrictions under Rule 144 (xi) of the General Financial Rules (GFRs),2017 | Annexure-14                                 |                          |        |
| 35. | Tender Document  | Signed and stamped copy of tender documents |                          |        |

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 8: After Sales Service Certificate**

(To be enclosed with Technical bid)

**AFTER SALES SERVICE CERTIFICATE**

Dated: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: E-Tender/CRID/2025-26/DLAN

Whereas, we M/s (Bidder Name) are established for sales & services of (Make of items) of [items name] having service offices at following locations. Details are as under:

| S# | OEM Name | Address of Service Centre | Phone No |
|----|----------|---------------------------|----------|
| 1. |          |                           |          |
| 2. |          |                           |          |
| 3. |          |                           |          |
| 4. |          |                           |          |
| 5. |          |                           |          |
| 6. |          |                           |          |

We do hereby confirm that:

Services including repair/replacement of defective parts will be done by us and fully backed by (name of the OEM). Replacement of defective Systems/parts will be done by equivalent or better systems/parts of the same make. We will attend all the complaints/service calls as per SLA. Down time will not exceed beyond SLA. In case, down time exceeds from SLA, then we will extend the warranty period of that item(s) double of the down time.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)



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**Annexure 9: Undertaking Of Rates**  
(To be enclosed/uploaded with the commercial bid)  
**UNDERTAKING OF RATES**

Dated: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: E-Tender/CRID/2025-26/DLAN

We M/s \_\_\_\_\_ do hereby confirm that:

The rates quoted against this offer are lowest possible and as on date we have not quoted less rates to any other customer than the rates quoted herein. In case, we quote less rates than this offer to any other customer within 1 month of the due date of this offer, then double of the difference in amount will be refunded to CRID. We also confirm that in case our Company/principal officially reduce the price before the delivery or within 15 days from the date of delivery, then the benefit for the same will be passed to CRID.

We M/s \_\_\_\_\_ further undertake that any price benefit on account of providing higher version of "Offered items" than the required/specified in this offer shall not be claimed by us either from CRID or from the Department.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 10: Relaxations to Haryana based manufacturing Micro & Small Enterprises**  
(To be submitted on its Letterhead by the bidder)

**Format for Relaxations to Haryana based manufacturing Micro & Small Enterprises (MSEs) (Seeking benefits/concessions Past Performance/Experience & Purchase Preference by Haryana based manufacturing Micro & Small Enterprises (MSEs) in the State Public Procurement)**

Subject: e-Tender/CRID/2025-26/DLAN

I \_\_\_\_\_ S/o \_\_\_\_\_ aged \_\_\_\_\_ residing at \_\_\_\_\_  
Proprietor/ Partner / Director of M/s \_\_\_\_\_ do hereby solemnly affirm and declare that:-

1. My/our above noted enterprise M/s (name and Address) \_\_\_\_\_ has been issued Manufacturing Entrepreneurs Memorandum in Haryana by the District Industries Centre under acknowledgement No. of \_\_\_\_\_ dated \_\_\_\_\_ (Self Certified Copy of the same be attached as Annexure 'A' with this Undertaking) and has been issued for manufacture of the following items in category Micro & small Enterprises (please tick the either) as under:-
  - i. \_\_\_\_\_
  - ii. \_\_\_\_\_
  - iii. \_\_\_\_\_
2. That the quoted items(s) in the tender \_\_\_\_\_ is one (or more) of the item for which my/our above noted enterprise has been issued manufacturing Entrepreneurs Memorandum by the Industry Department Haryana as per details at the para 1 above.
3. That my/our above-mentioned manufacturing Micro/Small Enterprises fulfils either or both of the below mentioned eligibility criteria:
  - i. That my/our above-mentioned enterprise has been issued quality certification of ISI mark/ISO/Ag. Mark /any other quality mark \_\_\_\_\_ (Please tick either of the option) by \_\_\_\_\_ (name of GOI/State Govt. Agency/institution authorized by GOI/State Govt.) on \_\_\_\_\_ and the same is valid from \_\_\_\_\_ to \_\_\_\_\_ in respect of item/good (give name of item/good) \_\_\_\_\_ mentioned in the tender (self-certified copy of the relevant certificate is attached as Annexure-'A' with this Undertaking)
  - OR/AND
  - ii. That my/our above mentioned enterprises has been registered with DGS&D, GOI/NSIC/Govt. Of India Departments/ State Govt. Department/Govt. Of India Public Sector Undertakings (PSUs) or State Govt. Public Sector Undertakings (PSUs) (Please tick one of the option as above) in respect of name of item/goods/works/services \_\_\_\_\_ (Name) as mentioned in the tender for the corresponding period of time of this tender. A self-certified copy of the same attached as Annexure 'B' with the Undertaking.
4. That in case the purchase order of the quoted item is issued to me/us, it will not be outsourced or subcontracted to any other firm and the entire manufacturing of the order item shall be done in-house by our Enterprise base in Haryana (address mentioned as at Sr. No.1). Further, the billing will be done from Haryana.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 11: Relaxations to Haryana based manufacturing Medium Enterprise**  
(To be submitted on its Letterhead by the bidder)

Format for Relaxations to Haryana based manufacturing Medium Enterprise  
(for seeking the benefits/concessions by Haryana based manufacturing Medium enterprises in past  
Performance/Experience & Purchase Preference in the State Public Procurement)

Subject: e-Tender/CRID/2025-26/DLAN

I \_\_\_\_\_ S/o \_\_\_\_\_ aged \_\_\_\_\_ residing at \_\_\_\_\_  
\_\_\_\_\_ Proprietor/Partner/Director of M/s \_\_\_\_\_ do

hereby solemnly affirm and declare that:-

1. My/our above noted enterprise M/s (name and complete address) \_\_\_\_\_ has been issued Manufacturing Entrepreneurs Memorandum in Haryana by the District Industries Centre under acknowledgement No. \_\_\_\_\_ of dated \_\_\_\_\_ (Self Certified Copy of the same be attached as Annexure 'A' with this Undertaking) and has been issued for manufacture of the following items in category Medium Enterprise as under:-
  - i. \_\_\_\_\_
  - ii. \_\_\_\_\_
  - iii. \_\_\_\_\_
  - iv. \_\_\_\_\_
2. That my/our above mentioned manufacturing Medium Enterprises meet all the remaining terms & conditions of the tender except Past Performance/Past Experience.
3. That my first purchase order under this benefit/concession was issued by State Government Department/ State Government Agency (name of Deptt./Agency) \_\_\_\_\_ vide P.O No. \_\_\_\_\_ of dated \_\_\_\_\_ for the supply of \_\_\_\_\_ (name of the item/good/work/services) was successfully complied by above mentioned Enterprises. A self-certified copy of the same is attached as Annexure 'B' with this Undertaking.
4. That in case the Purchase Order of the quoted item is issued to me/us, it will not be outsourced or subcontracted to any other firm and the entire manufacturing of the order item shall be done in-house by our enterprise base in Haryana based in Haryana, (address mentioned as at Sr. No.1).
5. That we agree to the condition that this benefit/concession to the Medium Enterprises is valid for one year from the date of getting the first supply order under State public Procurement .
6. That the billing will be done from Haryana

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 12: Authenticity of submitted documents/information**

(To be submitted on its Letterhead by the bidder)

Authenticity of submitted documents/information

Subject: e-Tender/CRID/2025-26/DLAN

Undertaking of Mr. .... S/o .....

R/o ..... I, the deponent above named do hereby solemnly affirm and declare as under:

1. That I am the Proprietor/Authorized signatory of M/s ..... Having its Head Office/Regd. Office at .....
2. That the information/documents/Experience certificates submitted by M/s.....along with the tender for ..... (Name of work) ..... to the CRID are genuine and true and nothing has been concealed.
3. I shall have no objection in case the CRID verifies them from issuing authority (ies). I shall also have no objection in providing the original copy of the document(s), in case the CRID demand so for verification.
4. I hereby confirm that in case, any document, information & / or certificate submitted by me found to be incorrect / false / fabricated, the CRID at its discretion may disqualify / reject / terminate the bid/contract and also forfeit the EMD / All dues.
5. I shall have no objection in case CRID verifies any or all Bank Guarantee(s) under any of the clause(s) of Contract including those issued towards EMD and Performance Guarantee from the Zonal Branch /office issuing Bank and I/We shall have no right or claim on my submitted EMD before the CRID receives said verification.
6. That the Bank Guarantee issued against the EMD issued by (name and address of the Bank) is genuine and if found at any stage to be incorrect / false / fabricated, the CRID shall reject my bid, cancel pre-qualification and debar me from participating in any future tender for three years.

I, .....,the Proprietor /Authorized signatory of M/s .....do hereby confirm that the contents of the above Undertakings are true to my knowledge, and nothing has been concealed there from and that no part of it is false.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

---

**Annexure-13: No Conviction**  
(To be submitted on its Letterhead by the bidder)

Subject: e-Tender/CRID/2025-26/DLAN

I, \_\_\_\_\_ S/o \_\_\_\_\_ r/o \_\_\_\_\_  
\_\_\_\_\_ on behalf of the  
entity \_\_\_\_\_ do hereby solemnly affirm and declare as under: -

1. That I hereby confirm that my/our firm/company M/s \_\_\_\_\_ have not been convicted of any non-bail able offence, by any of the courts.
2. That I hereby confirm that my/our firm/company M/s \_\_\_\_\_ have not been convicted, or reasonably suspected of committing or conniving at the commission of any offence under any of the laws applicable in the country.
3. That I hereby confirm and declare that none of my/ our group/ sister concern/ associate company is participating/ submitting this tender.
4. That I hereby confirm and declare that my/our firm/company M/s \_\_\_\_\_ has not been black listed/ de-listed or put on holiday by any Institutional agencies/ Govt. Deptt./ Public Sector Undertaking, as on bid submission date.
5. That I hereby confirm and declare that my/our firm/company M/s \_\_\_\_\_ has paid all rents, royalties and all public demands such as income-tax, sales tax, GST and all other taxes and revenues payable to the Government of India or to the Government of any State or to any local authority and that at present there are no default in arrears of such rents, royalties, taxes and revenues due and outstanding and that no attachments or warrants have been served on us in respect of sales-tax, income-tax, GST, Govt. Revenues and other taxes.
6. That in the past five years prior to the date of this application, I or any principal of the entity has not been deemed to be in default on any contract, or have not been forcefully terminated from any contract of any Organization.
7. That I hereby confirm and declare that my/our firm/company M/s \_\_\_\_\_ has not been blacklisted/debarred by any central/state Government department/organization.
8. That I hereby confirm and declare that my/our firm/company M/s \_\_\_\_\_ that there has been no litigation with any Government department/organization on account of similar services.
9. I hereby confirm that in case, any document, information & / or certificate submitted by me found to be incorrect / false / fabricated, the CRID at its discretion may disqualify / reject / terminate the bid/contract and also forfeit the EMD / All dues. May take any appropriate legal action against me.

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

**Annexure 14: Compliance regarding Rule 144 (xi) of the (GFRs),2017**

(To be Provided on letterhead along with Technical bid)

Compliance regarding restrictions under Rule 144 (xi) of the General Financial Rules (GFRs),2017

Dated: \_\_\_\_\_

The Special Secretary (IT) and the Treasurer, CRID  
 Citizen Resources Information Department (CRID)  
 SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: Tender No: - e-Tender/CRID/2025-26/DLAN

1. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the competent authority.
2. "Bidder" (including the term 'tenderer', 'consultant', or 'service provide' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firm or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
3. "Bidder from a country which shares a land border with India" for the purpose of this order means:-
  - i. Any entity incorporated, established or registered in such a country; or
  - ii. A subsidiary of an entity incorporated, established or registered in such a country; or
  - iii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
  - iv. An entity whose beneficial owner is situated in such a country; or
  - v. An Indian (or other) agent of such an entity; or
  - vi. A natural person who is citizen of such a country; or
  - vii. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
4. The beneficial owner for the purpose of (3) above will be as under:
  - i. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.  
 Explanation -
    - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. Of shares or capital or profits of the company;
    - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
  - ii. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
  - iii. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
  - iv. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

- 
- v. In case of trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
5. An agent is a person employed to do any act for another, or to represent another in dealing with third person.
6. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.
- i. Model Certificate for Tenders: -  
“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that we or our company/firm is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that we or our company/firm fulfills all requirements in this regard and is eligible to be considered. (Evidence of valid registration by the Competent Authority shall be attached.)”
- ii. Tenders for Works involving possibility of sub-contracting:  
“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that we or our company/firm is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such a countries unless such contractor is registered with the Competent Authority. I hereby certify that we or our company/firm fulfills all requirements in this regard and is eligible to be considered. (Evidence of valid registration by the Competent Authority shall be attached.)”

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)

### Appendix 1: Request for clarification

#### Request for clarification

Bidders requiring specific points of clarification may communicate with the CRID through email during the specified period using the following format.

Date: \_\_\_\_\_

To

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Subject: e-Tender/CRID/2025-26/DLAN

| Bidder's Request for Clarification/ Pre-bid Queries format {to be filled by the bidder} |                   |                            |  |   |
|---|-------------------|----------------------------|--|---|
| Name of the Bidder/ Company/ Firm /Agency:  |                   |                            |  |   |
| Name of Person(s) Representing the Bidder/ Company/ Firm / Agency:                      | Name of Person    | Designation                | Email-Id(s)                                    | Tel. Nos. & Fax Nos.                      |
|   |                   |                            |  |   |
| Bidder/ Company/ Firm / Agency Contacts:  | Contact Person(s) | Address for Correspondence | Email-Id(s)                                    | Tel. Nos. & Fax Nos.                      |
|   |                   |                            |  |   |
| Query / Clarification Sought:   |                   |                            |  |   |
| S. No.  | RFP Page No.      | RFP Section No.            | Content of Section (Details from RFP document) | Query/ Suggestion/ Clarification required |
| 1.  |                   |                            |  |   |
| 2.  |                   |                            |  |   |
| 3.  |                   |                            |  |   |

Authorized Signatory (ies)[In full and initials]: \_\_\_\_\_

Name and Title of Signatory (ies): \_\_\_\_\_

Name of Bidding Company/Firm: \_\_\_\_\_

Address: \_\_\_\_\_ (Affix the Official Seal of the Bidding Company)



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**Appendix 2: Format for Performance Bank Guarantee****Performance Bank Guarantee**

Ref: \_\_\_\_\_

Date: \_\_\_\_\_

Bank Guarantee No.: \_\_\_\_\_

To

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

Dear Sir,

PERFORMANCE BANK GUARANTEE - For

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**WHEREAS**

M/s. (name of Bidder), a company registered under the Companies Act, 1956, having its registered and corporate office at (address of the Bidder), (hereinafter referred to as “our constituent”, which expression, unless excluded or repugnant to the context or meaning thereof, includes its successors and assigns), agreed to enter into a Contract dated ..... (herein after, referred to as “Contract”) with you for order of Supply, Commissioning and Maintenance of -----, in the said Contract.

We are aware of the fact that as per the terms of the Contract, M/s. (name of Bidder) is required to furnish an unconditional and irrevocable Bank Guarantee in your favor for an amount of \_\_\_\_% of the Total Contract Value, and guarantee the due performance by our constituent as per the Contract and do hereby agree and undertake to pay any and all amount due and payable under this bank guarantee, as security against breach/ default of the said Contract by our Constituent.

In consideration of the fact that our constituent is our valued customer and the fact that he has entered into the said Contract with you, we, (name and address of the bank), have agreed to issue this Performance Bank Guarantee.

Therefore, we (name and address of the bank) hereby unconditionally and irrevocably guarantee you as under:

In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of \_\_\_\_% of the Total Contract Value i.e.,.....<in words> without any demur.

Notwithstanding anything to the contrary, as contained in the said Contract, we agree that your decision as to whether our constituent has made any such default(s) / breach(es), as aforesaid and the amount or amounts to which you are entitled by reasons thereof, subject to the terms and conditions of the said Contract, will be binding on us and we shall not be entitled to ask you to establish your claim or claims under this Performance Bank Guarantee, but will pay the same forthwith on your demand without any protest or demur.

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This Performance Bank Guarantee shall be valid for \_\_\_\_ months, subject to the terms and conditions of the Contract. Any claim against the Bank Guarantee can however be made within \_\_\_\_ months from the date of submission of the same. We bind ourselves to pay the above said amount at any point of time commencing from the date of submission of Bank Guarantee, until \_\_\_\_ months.

We further agree that the termination of the said Agreement, for reasons solely attributable to our constituent, virtually empowers you to demand for the payment of the above said amount under this guarantee and we would honor the same without demur.

We hereby expressly waive all our rights:

- i. Requiring to pursue legal remedies against the Department; and
- ii. For notice of acceptance hereof any action taken or omitted in reliance hereon, of any defaults under the Contract and any resentment, demand, protest or any notice of any kind.

We the Guarantor, as primary obligor and not merely Surety or Guarantor of collection, do hereby irrevocably and unconditionally give our guarantee and undertake to pay any amount you may claim (by one or more claims) up to but not exceeding the amount mentioned aforesaid during the period from and including the date of issue of this guarantee through the period.

We specifically confirm that no proof of any amount due to you under the Contract is required to be provided to us in connection with any demand by you for payment under this guarantee other than your written demand.

Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax, registered post or other electronic media to our address, as aforesaid and if sent by post, it shall be deemed to have been given to us after the expiry of 48 hours when the same has been posted.

If it is necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this guarantee on the request of our constituent under intimation to you.

This Performance Bank Guarantee shall not be affected by any change in the constitution of our constituent nor shall it be affected by any change in our constitution or by any amalgamation or absorption thereof or therewith or reconstruction or winding up, but will ensure to the benefit of you and be available to and be enforceable by you during the period from and including the date of issue of this guarantee through the period.

Notwithstanding anything contained hereinabove, our liability under this Performance Guarantee is restricted to \_\_\_\_% of the Contract Value, and shall continue to exist, subject to the terms and conditions contained herein, unless a written claim is lodged on us on or before the aforesaid date of expiry of the claim period.

We hereby confirm that we have the power/s to issue this Guarantee in your favor under the Memorandum and Articles of Association / Constitution of our bank and the undersigned is / are the recipient of authority by express delegation of power/s and has / have full power/s to execute this guarantee under the Power of Attorney issued by the bank in your favor.

We further agree that the exercise of any of your rights against our constituent to enforce or forbear to enforce or any other indulgence or facility, extended to our constituent to carry out the contractual obligations as per the said Contract, would not release our liability under this guarantee and that your right against us shall remain in full force and effect, notwithstanding any arrangement that may be entered into between you and our constituent, during the entire currency of this guarantee.

Notwithstanding anything contained herein:

This Performance Bank Guarantee shall be valid for \_\_\_\_\_ months from the date of submission of Bank Guarantee.

We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand on or before \_\_\_\_ (\_\_\_in words\_\_\_\_\_) months from the submission of Bank Guarantee.

Any payment made hereunder shall be free and clear of and without deduction for or on account of taxes, levies, imports, charges, duties, fees, deductions or withholding of any nature imposts.

This Performance Bank Guarantee must be returned to the bank upon its expiry. If the bank does not receive the Performance Bank Guarantee within the above-mentioned period, subject to the terms and conditions contained herein, it shall be deemed to be automatically cancelled.

This guarantee shall be governed by and construed in accordance with the Indian Laws and we hereby submit to the exclusive jurisdiction of courts of Justice in India for the purpose of any suit or action or other proceedings arising out of this guarantee or the subject matter hereof brought by you may not be enforced in or by such court.

Dated ..... this ..... day ..... 2025.

Yours faithfully,

For and on behalf of the ..... Bank,

(Signature)

Designation

(Address of the Bank)

Note:

This guarantee will attract stamp duty as a security bond.

A duly certified copy of the requisite authority conferred on the official/s to execute the guarantee on behalf of the bank should be annexed to this guarantee for verification and retention thereof as documentary evidence in the matter.

### Appendix 3: Format for EMD Bank Guarantee

Beneficiary:

To

The Special Secretary (IT) and the Treasurer, CRID  
Citizen Resources Information Department (CRID)  
SCO 109-110 Sector 17 B, Chandigarh. 160017

(hereinafter referred to as Beneficiary / Government)

BANK GUARANTEE FOR EMD against e-Tender for Supply, Installation, Configuration, Testing and Commissioning of Structured Local Area Network at District Mini Secretariate of All 22 Districts of Haryana

Date: ..... [Insert date of issue of BG] (To be insert by issuing bank)

.....

BANK GUARANTEE No.: ... [Insert guarantee number] ... (To be insert by issuing bank) ..... BANK  
GUARANTEE Amount: ₹85,00,000/- (Rupees Eighty Five Lakh only)

e-Tender No.: - .....

Applicant / Bidder:

.....  
.....  
.....

Guarantor: .... [Insert name and address of the issuing Bank] ....(To be insert by issuing bank)...

Whereas Applicant / Bidder is willing to submit its bid against above referred e-Tender of the Beneficiary on behalf of Special Secretary (IT) and the Treasurer, Citizen Resources Information Department (CRID), Chandigarh for the supply of Goods and / or Services and as per tender conditions, Applicant is required to submit a Bank Guarantee as EMD.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of ₹85,00,000/- (Rupees Eighty Five Lakh only in words).

1. If the Bidder withdraws or amends, impairs or derogates from the bid in any respect within the period of validity of this bid.
2. If the Bidder having been notified of the acceptance of his bid by the Purchaser during the period of its validity.
3. If the Bidder fails to furnish the Performance Security for the due performance of the contract.
4. Fails or refuses to execute the contract.
5. Fails to fulfil any other terms & conditions specified in the tender document.

We undertake to pay the Beneficiary up to the above amount upon receipt of its first written demand, without the Beneficiary having to substantiate its demand, provided that in its demand the Beneficiary will note that the amount claimed by it is due to it owing to the occurrence of any conditions, specifying the occurred condition or conditions.

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This guarantee will remain in force up to 12months from the Bid Submission date up to ₹85,00,000/- (Rupees Eighty Five Lakh only in words) and any demand in respect thereof should reach the Bank not later than the above date.

Dated .....

For.....

(Indicate the name of the Bank)

Signature.....

Name of the Officer.....

Designation of the officer .....

Code no .....

Name of the Bank and Branch.....

#### Appendix 4: Make in India preference exemption order

Haryana Government  
Citizen Resources Information Department



हरियाणा सरकार  
नागरिक संसाधन सूचना विभाग



#### Order

No. Admin/14-B/1SIT/ 18895

Dates 06.06.2023

Pursuant to the decisions of Joint Tender Committee to finalize the two RFPs for **revamping of Local Area Networks of Haryana Civil Secretariat, Chandigarh, Haryana New Secretariat, Chandigarh and 25 mini secretariat buildings in 21 districts of Haryana except CharkhiDadri** and decision of the State Technical Committee in its 132<sup>nd</sup> meeting, the joint tender committee is seeking exemption from Public Procurement (Preference to Make in India) Clause for the RFPs. The RFPs along with its clauses have been approved by following the due procedure of the Government.

1. The exemption referred to in the above-cited subject was requested by the constituted committee for the above mentioned LANs RFPs (i.e. RFPs for revamping of Local Area Networks of Haryana Civil Secretariat, Chandigarh, Haryana New Secretariat, Chandigarh and 25 mini secretariat buildings in 21 districts of Haryana except Charkhi Dadri) along with their justification which is mentioned hereunder as follows:
  - a) The secretariat building LANs are critical for Government processes and day-to-day functioning of offices located in these buildings.
  - b) The data and files stored on systems connected to these LANs and transmission of such data over networks necessitates latest security features be built into the active components i.e. Network Switches.
  - c) The LANs to be established will be integrated with NKN/NICNET and HSWAN also, which necessitates that all active components and cabling components should be compatible with the existing networking equipment installed in NKN/NICNET and HSWAN.
  - d) As Video conferencing services are also being revamped in all Districts Mini Secretariats, the high-end equipment under VC services and the proposed Intrusion Prevention Systems (IPS) must integrate seamlessly with the LAN switches.
  - e) Sufficient availability of spares, replacements and active support system is required for smooth functioning of the LANs.
2. On the above basis and based on the recommendation of the Administrative Secretary to the Government of Haryana, Electronics & Information Technology Department (now CRID), the Hon'ble Chief Minister (concerned Minister-in-Charge) has granted exemption from Public Procurement (Preference to Make in India- MII) for procurement of the items/services as mentioned in the RFPs (refer to para 1 above) as per Clause 13 of the

9<sup>th</sup> Floor, Haryana Civil Secretariat, Sector-1, Chandigarh. 160001

Tel: PS(CRID)0172 2740441, Director (Admn): 2748142  
E-mail: psit@hry.in Website: www.haryanait.nic.in

**Haryana Government**  
**Citizen Resources Information Department**



हरियाणा सरकार  
 नागरिक संसाधन सूचना विभाग



Haryana State Public Procurement-MII Order 2020 notified vide No: 02/08/2020-4IB-II, dated: 18-11-2020 by Department of Industries & Commerce Govt. of Haryana. The following conditions shall be applicable:

- i. The bid should not be restrictive to any MII OEM thereby allowing wider participation of the OEMs and at the same time not restricting any MII OEMs to participate in the tenders.
- ii. Exemption is granted for the above purpose only and shall be reviewed at any time after the completion of six (6) months.

(V Umashankar),  
 Principal Secretary to Government Haryana,  
 Citizen Resources Information Department (CRID)

Endst: No.:Admn/14-B/1SIT/ 188 96

Chandigarh Dated, the 16.06.2023

A copy is forwarded to the following:

1. Secretary, SSIT for information of SSIT.  
 State Informatics Officer, NIC Haryana

Director Administration,  
 for Principal Secretary to Government Haryana,  
 Citizen Resources Information Department (CRID)

9<sup>th</sup> Floor, Haryana Civil Secretariat, Sector-1, Chandigarh. 160001

Tel: PS(CRID)0172 2740441, Director (Admn): 2748142  
 E-mail: psit@hry.in Website: www.haryanait.nic.in

The exemption to Make In India (MII) preference as per the OM on pre-page will be applicable for the following LAN Items only:

| S# | Items Descriptions                                 |
|----|--|
| 1  | Core Switches                                      |
| 2  | Distribution Switches                              |
| 3  | Edge Switches                                      |
| 4  | Rack Servers for NMS Software With 55" LED Display |
| 5  | Computers with 55" Display for NMS Software        |
| 6  | 25G SFPs Transceivers (Single Mode)                |
| 7  | 6 Core Fiber Cable (Single Mode)                   |
| 8  | 24 Port LIU Fully Loaded                           |
| 9  | 12 Port LIU Fully Loaded                           |
| 10 | 6 Port LIU Fully Loaded                            |
| 11 | Fiber Patch Cord 3M (Single Mode)                  |
| 12 | 10G SFP Transceivers MM                            |
| 13 | 6 Core Fiber Cable MM                              |
| 14 | 24 Port LIU Fully Loaded                           |
| 15 | 12 Port LIU Fully Loaded                           |
| 16 | 6 Port LIU Fully Loaded                            |
| 17 | Fiber Patch Cord 3M                                |
| 18 | Cat 6A Cable                                       |
| 19 | Cat 6A 24 Port Fully Loaded Jack Panel             |
| 20 | Cat 6A I/O Complete Set                            |
| 21 | Cat 6A Patch Cord 1M                               |
| 22 | Cat 6A Patch Cord 3M                               |
| 23 | Cat 6 Cable  |
| 24 | Cat 6 24 Port Fully Loaded Jack Panel              |
| 25 | Cat 6 I/O Complete Set                             |
| 26 | Cat 6 Patch Cord 1M                                |
| 27 | Cat 6 Patch Cord 3M                                |