

**File No. 10(18)/2025-NICSI**

**REQUEST FOR PROPOSAL (RFP)**  
*for*  
**Selection of Managed Service Provider – MSP**  
**(System Integrator)**  
*for*  
**Augmentation & Management of IT Infrastructure at Madhya Pradesh Vidhan Sabha, Bhopal for NeVA Implementation (Supply, Installation, Testing, Commissioning, Maintenance & Management of IT Infrastructure)**

**RFP No. NICSI/MSP for NeVA-MP Vidhan Sabha/2025/13**

**NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED**  
**(NICSI)**

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15 BHIKAJICAMAPLACE, NEWDELHI-110066.  
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## **Fact Sheet and Important Dates**

|   |   |
|---|---|
| Tender No.  |   |
| Name of Organization  | <b>National Informatics Centre Services Incorporated - NICSI</b>  |
| Tender Type   | OPEN  |
| Tender Category   | Turn Key for Managed Services   |
| Type / Form of Contract   | <b>Selection of Managed Service Provider – MSP for Goods, Services, Works, Supply, Installation, Testing, Commissioning &amp; Maintenance For Madhya Pradesh Vidhan Sabha Bhopal</b>    |
| Submission Mode   | Online Only   |
| Date of Publication of Tender   | <b>19 Sep 2025 at eProcurement Portal</b>   |
| Tender Fee  | NIL   |
| Tender Document Download Start Date   | <b>Or Date of publishing Bid</b>  |
| Tender Document Download End Date   | <b>By 03:00 PM on Bid Closing Date.</b>   |
| MPVS site inspection ( <b>Mandatory</b> ) -                                   | <b>During Working Days and Working Hours.</b> <ul style="list-style-type: none"> <li>• Not mandatory for those bidders who have inspected earlier and have visit certificate</li> </ul> |
| Last date & time for Submission of Pre bid Queries (in excel sheet) by bidder | <b>Before 01.00 PM on 25/09/2025</b>  |
| Pre-Bid meeting Date - online via Bharat VC and Timing                        | <b>Online Pre-BID Meeting 26/09/2025 at 3:00 pm</b>   |
| Language used for Bid submission  | Bids should be submitted in English language only   |
| Last date and time for Bid Submission   | <b>By 03:00 PM on 6/10/2025</b>   |
| <b>Number of Sets / Covers / Steps / Packets for Bid Submission</b>           | <b>In 2 Steps</b><br><b>Step 1: EMD / Bid Security and Eligibility Criteria, Technical Bid</b><br><b>Step 2: Commercial Bid</b>   |
| Validity period of submitted Bids   | <b>Bids must remain valid for six months after the bid submission date</b>  |
| Validity of the Tender  | Tender will be valid for a period of Nine months from the date of selection of vendor   |
| The Venue, Date & Time for Opening of EMD and Pre- Qualification Bid          | <b>NICSI HQ, New Delhi – Next Working day after Bid Closing Date at 11:00 AM</b>  |
| Venue, Date and Time for Opening of Technical Bid                             | <b>NICSI HQ, New Delhi - Next Working day after Opening of Pre Qual. BID, at 11:00 AM</b>   |
| <b>Basis for selection of Vendor</b>  | <b>On least Cost (L1) basis among the technically qualified bidders</b>   |

## **Abbreviations and Definition of Terms**

| <b>S.No.</b> | <b>Term</b>  | <b>Definition</b>   |
|--------------|--|---|
| 1.           | Agreement/<br>Contract                               | The Agreement entered between _____ and the Agency including all attachments, schedules, annexure thereto and all documents incorporated by reference therein and all amendments, corrigendum /corrigenda, changes thereto  |
| 2.           | NIC  | National Informatics Centre   |
| 3.           | NICSI  | National Informatics Centre Services Inc  |
| 4.           | NBD  | Next Business Day   |
| 5.           | Bidder   | The use of the term “Bidder” in the Tender means the Agency making the bid - Single or Joint Venture / Consortium.  |
| 6.           | Bid/Proposal   | Offer by the bidder to fulfil the requirement of the Client under the RFP/Contract for an agreed price. It shall be a comprehensive technical and commercial response to the Tender   |
| 7.           | Confidential Information                             | All information (whether in written, oral, electronic or other format) which relates to the technical, financial and business affairs, dealers, suppliers, products, developments, operations, processes, data, trade secrets, design rights, know-how, plans, budgets and personnel of each stakeholder and its affiliates which is disclosed to or otherwise learned by the other Party in the course of or in connection with this Agreement (including without limitation such information received during negotiations, location visits and meetings in connection with this Agreement). |
| 8.           | Client   | NICSI, New Delhi  |
| 9.           | Deliverables   | Products, infrastructure and services agreed to be delivered by the Bidder in pursuance of the agreement as defined more elaborately in the RFP for Implementation and the Maintenance phases and includes all documents related to the user manual, technical manual, design, process and operating manuals, service mechanisms, policies and guidelines (such as security related, etc.), inter alia payment and/or process related etc., source code and all its modifications.  |
| 10.          | Go-Live  | When the project goal is accomplished   |
| 11.          | Performance Security /<br>Performance Guarantee (PG) | Unconditional guarantee provided by the Bidder from a Nationalized/Scheduled Bank in favor of NICSI for 4% of the Contract value (Refer: Annexure GEN2: Performance Guarantee).   |
| 12.          | Project Implementation                               | Project Implementation as per the testing standards and acceptance criteria prescribed by NICSI or its nominated agencies/consultant.   |

| S.No. | Term                                  | Definition   |
|-------|---------------------------------------|--|
| 13.   | Request for Proposal /Tender Document | Written solicitation that conveys to the Bidder, requirements for products / services that NICSI intends to buy and implement  |
| 14.   | SLA                                   | The level of service and other performance criteria which will apply to the Services delivered by the Bidder; Performance and Maintenance SLA executed as part of this Master Service Agreement;             |
| 15.   | Successful Bidder                     | The bidder who is qualified & successful in the bidding process and is given the award of Contract and will be referred to as System Integrator (SI)/ Implementation Agency / Managed Service Provider (MSP) |
| 16.   | Warranty                              | On-site Warranty is for a period as specified for each item  |
| 17.   | MPVS                                  | Madhya Pradesh Vidhan Sabha / MP Vidhan Sabha / Vidhan Sabha MP  |
| 18.   | User                                  | NIC / NICSI / End User (MPVS)  |
| 19.   | IDC                                   | International Data Corporation   |
| 20.   | MSP                                   | Managed Service Provider   |
| 21.   | SITC                                  | Supply, Installation, Testing and Commissioning & Maintenance (SITC)   |
| 22.   | CMMI Level 3                          | CMMI-Capability Maturity Model Integration Framework Level 3   |
| 23.   | CMMI Level 3 (SVC)                    | CMMI-SVC: Capability Maturity Model Integration, SVC stands for Services.  |
| 24.   | TL-9000                               | TL 9000 certification signifies a company's adherence to a quality management system specifically designed for the telecommunications and information and communication technologies (ICT) industry.         |

## **DISCLAIMER**

The objective of this document (the Request for Proposal or the RFP) is to solicit Techno commercial offers from interested parties for taking part in the bid process leading to selection of MSP/vendor(s) for the scope of work as mentioned in this document. While this document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by NICSI or any of their employees, advisors or agents as to or in relation to the accuracy or completeness of this document and any liability thereof is hereby expressly disclaimed. Each Bidder should conduct their own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP Document and wherever necessary, obtain independent advice from appropriate sources. **Intimation of discrepancy, if any, should be shared with NICSI in writing (XL file only). If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the tender document is complete in all respects and bidders submitting their proposal are satisfied that the tender document is complete in all respects.**

Interested parties may carry out their own study/analysis/ investigation as required before submitting their Techno-Commercial proposals. This document does not constitute an offer or invitation, or solicitation of an offer, nor does this document or anything contained herein, shall form a basis of any agreement or commitment whatsoever.

NICSI Representatives, its employees and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the RFP Document.

Some of the activities listed to be carried out by NICSI subsequent to the receipt of the responses are indicative only. NICSI has the right to continue with these activities, modify the sequence of activities, add new activities or remove some of the activities, as dictated by the best interests of NICSI.

It is advised through this tender that materialistic misrepresentation of facts shall be dealt with seriously. Bidders are requested to share information which is true and based on some tangible proofs.

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# 1. Introduction

## 1.1 About the Tender

NICSI invites bids in two bid systems from reputed, experienced and financially sound IT Firm for Selection of **Managed Service Provider (MSP)/System Integrator (SI)** for Augmentation of IT Infrastructure (**Supply, Installation, Testing, Commissioning, Maintenance and ensuring 24X7 availability of Network**) at VidhanSabha Madhya Pradesh Bhopal for NeVA Implementation which includes Supply, Installation, Testing & Commissioning and **Maintenance** of IT Infrastructure items like Computer Tablets, All-In-One Computer systems, Laptops, VC Studio, server and Network solutions covering (1) enhancement of existing LAN and (2) setting up of new LAN with necessary support during the period and **ensuring 24X7 availability of Network. It must be noted that rendering of services is not incidental.**

## 1.2 Objective of the Tender:

The National e-Vidhan Application (NeVA), a pioneering initiative under the Digital India program, is designed to drive the adoption of digital legislative practices, aligning with the broader mission of transforming governance through technology. It aims to make the functioning of all State Legislatures in India paperless by maximizing the usage of Information Technology. This project promotes transparency, efficiency and accessibility by enabling the automation of the entire legislative process, including law-making, tracking decisions, and sharing information. As part of this vision, upgrading the IT infrastructure and Local Area Network (LAN) and related infrastructure is essential to ensure the 24X7 availability of Network and also to ensure that assembly is fully equipped to operate on the NeVA platform. This upgrade will establish a future-ready, digitally enabled legislative assembly, enhancing transparency, efficiency, and accessibility in legislative processes. The Government of India conceptualized the NeVA platform to digitize all legislative documents, discussions, and proceedings, significantly reducing reliance on physical paperwork and promoting a streamlined digital workflow.

The VidhanSabha Madhya Pradesh Bhopal (MP) has requested National Informatics Centre (NIC)/NICSI for augmentation of IT Infrastructure and Network infrastructure and overall support and coordination to implement NeVA project. The network infrastructure comprises of **Three** parts - (1) enhancement of existing LAN and (2) setting up of new LAN network for House, media centre, etc. along with provision of Wi-Fi access points(3)Supply, Installation, Testing, Commissioning, Maintenance and ensuring 24X7 availability of Network (**rendering of services is not incidental**).

As per the NeVA implementation guidelines, NIC is technical partner and NICSI is implementing agency.

## 1.3 National Informatics Centre Services Inc. (NICSI)

National Informatics Centre Services Inc. (NICSI) was set up in 1995 as a section 25 Company under National Informatics Centre, Ministry of Electronics & Information Technology, Government of India to provide total IT solutions to the Government organizations. NICSI provides services for a number of e- Governance projects undertaken by NIC and MeitY.

### **Main Objective of the Organization:**

- a) To provide economic, scientific, technological, social and cultural development of India by promoting the utilization of Information Technology. Computer-Communication Networks, Informatics etc. by as pin-off of the services, technologies, infrastructure, and expertise developed by NIC of the Government of India including its Data Centers, Computer-Communication Network, NICNET and associated infrastructure and services.

- b) To promote further development of services, technologies, infrastructure, and expertise supplementing that developed by NIC in directions which will increase the revenue earning capacity of NIC.
- c) To develop and promote value added computer and computer-communications services over the basic infrastructure and services developed by NIC including NICNET.

In furtherance of these objectives, NICS has been providing various products & services to organizations in the Central Government, State Governments and PSUs etc. Products and Services include Hardware, Systems Software, Application Software, Software Development, Intra-Networking, Wide Area Networking, Video Conferencing, IT Consultancy, IT Implementation Support among others.

#### **1.4 National Informatics Centre (NIC)**

National Informatics Centre (NIC), a premiere institution of the Government of India, was established in 1976, and has since emerged as a "Prime Builder" of e-Government/e-Governance applications up to the grassroots level as well as a promoter of digital opportunities for sustainable development. NIC, through its ICT Network, "NICNET", has institutional linkages with all the Ministries /Departments of the Central Government, 36 State Governments/ Union Territories, and about 688 District administrations of India. NIC has been instrumental in steering e-Government/e-Governance applications in government ministries/departments at the Centre, States, Districts and Blocks, facilitating improvement in government services, wider transparency, promoting decentralized planning and management, resulting in better efficiency and accountability to the people of India.

NIC provides Nationwide Common ICT Infrastructure to support e-Governance services to the Citizen, Products and Solutions designed to address e-Governance Initiatives, Major e-Governance Projects, State/UT Informatics Support and district level services rendered.

Growth in the demand for citizen services over the Internet has made it important to provide robust, highly available Data Centre Infrastructure with adequate redundancy for hosting requirements of the e-Governance services. With the announcement of Digital India Programme, requirements for Data Centre Infrastructure have further increased manifold. The 'Digital India' initiative seeks to give a thrust to the e-Governance programme targeted at making citizen services available electronically with a focus on the creation of Digital Infrastructure, delivery of Digital Services and the promotion of Digital Literacy. The data pertaining to these e-Governance applications / initiatives has to be under the strategic control of Government, especially for prevention of personal identity of an individual under provision of IT Act 2000 and Aadhar Act 2016.

#### **1.5 MP Vidhan Sabha**

The Madhya Pradesh Vidhan Sabha or the Madhya Pradesh Legislative Assembly is the unicameral state legislature of Madhya Pradesh State in India. The seat of the Vidhan Sabha is at Bhopal, the capital of the State. It is housed in the *Vidhan Bhavan*, an imposing building located at the center of the Capital Complex in the Arera Hill locality of Bhopal city.

The Vidhan Bhavan, State Assembly, is a large building that covers an area of more than 32,000sq.meter of built space. From any point of view, its architecture of horizontal and vertical lines, with strong curves, is pleasant and light. The entire architectural composition is enclosed by a circular wall, as if it were a city within another, approach that generated an interesting set of roofs, domes and walkways that give rise to a harmonious profile, sometimes absent in contemporary architecture.

The four main functions of the building are carried out by the Lower House (Vidhan Sabha), the Upper House (Vidhan Parishad), the Combined Room and the Administration. The magnitude of the functions requires extensive administrative facilities, meeting rooms, cafeterias and common rooms. In addition to the Vidhan Sabha and the Vidhan Parishad, there are suites for the political leaders and offices for the president of the Assembly, for the main ministers, for the chief secretary and for his support staff.

## 1.6 Major objectives of Project / RFP

- a) **For Augmentation of IT & LAN Infrastructure including Supply, Installation, Testing, Commissioning, Maintenance and ensuring 24X7 availability of Network with supplied components at MP Vidhan Sabha.(rendering of services is not incidental).**
- b) **Paperless Legislative Assembly:** The National e-Vidhan Application (NeVA) is a transformative initiative under the Digital India Programme. It aims to make the functioning of all State Legislatures in India paperless by maximizing the usage of Information Technology. Adaption of IT would facilitate electronic means to conduct legislative business. Thereby, the project promotes transparency, efficiency, and accessibility by enabling the automation of the entire legislative process, including law-making, tracking decisions, and sharing information.
- c) **Unified Platform:** Brings all legislatures together on a single platform, creating a massive data repository.
- d) **Cloud Technology:** The NeVA project makes use of Meghraj cloud technology for data access anytime, anywhere
- e) **Establish & Management of High-Speed Network by ensuring 24X7 availability and Support to e-Governance:** Establishing a high-speed OFC-based network to facilitate national e-governance applications, secure intranet communication, and internet access with provision for multimedia, video conferencing, and seamless data transfer
- f) **Comprehensive Operation and Management of overall Network infrastructure (for the House / New locations/ whole building): Installation, Testing of Switches, Wi-Fi access points and other network items, testing of the existing LAN and all active network items and commissioning/testing of new LAN along with Wi-Fi network (Passive LAN Work is not under the scope of work)**
- g) **Scalable Setup:** Creating a reliable and scalable **Network infrastructure** setup with managed devices to meet current and future demands.

Through this tender, NIC / NICS I envisages selection of **Selection of Managed Service Provider (MSP)/ System Integrator (SI)** for Supply, Installation, Commissioning, Testing & Maintenance of IT Infrastructure and **Network infrastructure** Components for **ensuring 24X7 availability of High-Speed Network** and meeting the User requirements. However, the **Tender does not cover Passive network components.**

NICS I being the complete ICT solution provider receives enquiries from various user Government departments for the establishment of LAN, procurement, and supply of networking (active and passive) components. To utilize the expertise of private sector agencies and their geographical spread, NICS I intends to select a vendor, which shall undertake such tasks for NICS I.

## 1.7 Invitation for Bids / Notice Inviting Tender

Tender is invited through e-**procurement portal of Government of India**, from eligible, reputed and qualified Information Technology (IT) firms with sound technical and financial capabilities for Selection of System Integrator for Supply, Installation Testing and Commissioning of IT Infrastructure and All Network Components.

The Bidder can download the RFP / Bid document(s) from the Government e- **procurement portal**. Bidders are advised to check for any Addendum/Corrigendum issued subsequently with respect to this RFP on this website and ensure its compliance while submitting the Bid. Bidders shall submit, along with their Bids, an **EMD of INR 40,00,000.00/- (Rs. Forty Lakhs only), in the form of a Bank Guarantee issued by any Scheduled / nationalized bank (Refer: Annexure PQ1: Bank Guarantee for Earnest Money Deposit/Bid Security)** in favour of: "NICS", payable at New Delhi and should be valid for 6 months from the date of submission of bid response. No interest shall be payable on Bid Security / EMD under any circumstance. A pre-bid meeting will be held as per the date and place specified in the factsheet.

## 1.8 Important Instructions to the Bidders

### a) General

While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders are free to assess and propose the solution needed to meet the requirements. All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by NICS based on this RFP.

No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of NICS. Any notification of preferred bidder status by NICS shall not give rise to any enforceable rights by the Bidder. NICS may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of NICS without giving any reason. This RFP supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications.

- b) It must be noted that this being a turnkey project **for Selection of Managed Service Provider – MSP (System Integrator) for Augmentation of IT Infrastructure at Madhya Pradesh Vidhan Sabha (MPVS) ensuring 24X7 availability of High-Speed Network along with supplied components and Not for the Supply of Hardware Items only**. The Bidder must bid for all the line items and provide a complete solution. No change requests shall be entertained regarding requirements mentioned in the BOQ
- c) No Passive Networking work is part of the Scope mentioned in this document.
- d) **This is an open tender.**
- e) **Joint Venture (JV) / Consortium bids are allowed up to Maximum Two (02) partners in a consortium only and outsourcing of work is not allowed.** However, the prime/lead bidder will be solely responsible for all obligations. In case of Consortium /Joint Venture, an Undertaking Format to accept all the obligations and responsibilities by Prime / Lead partner. Consortium **Agreement on Rs.1000 Stamp paper to confirm that firm /companies are jointly participating in the bid and they assign all powers to Lead partner for this bid.** (Submit as PQ11) The condition which consortium must fulfill are mentioned as follows: -

- i) Bidder to submit the consortium agreement clearly mentioning the consortium partners along with Bid Document.

ii) Each consortium partner shall fulfill 'Legal Entity' criteria as mentioned above and submit all necessary documents as detailed.

iii) A Consortium partner cannot be a partner in multiple Consortia in this bid. Consortium partners to submit self-declaration that they are not participating in this bid as multiple consortium partners. All bids having shared/common consortium partners will be rejected.

iv) The prime bidder would be solely responsible for project execution and penalties, but in case of failure, both/all the partners would be blacklisted.

- f) The bidder must possess the requisite pre-qualifications, capabilities and financial strength to provide the services described in the RFP document
- g) Power of attorney by consortium member in favor of the lead bidder to sign the documents, deal with customer unconditionally. (Submit as PQ5)
- h) RFP Document / Tender shall be available on government procurement portal. Interested Bidders are advised to go through instructions provided at "Instructions to Bidders for e-tendering".
- i) The Bidder will download the RFP document(s) from the mentioned website. The bid fee, if any of the RFP document must be submitted along with the Bids.
- j) As it is a very critical project thus No exemption in EMD in any form will be given to any firm/company/corporation / public undertaking. **Exemption in EMD will only be granted to MSME/Startup as per Govt of India norms/orders.**
- k) **Bidder must ensure to submit the Original EMD/Bid Security with NICS New Delhi before closing the Tender/RFP. Copy of the EMD needs to upload with Bid documents.** (Refer-PQ1)
- l) Bidders must ensure to submit the Technical and Commercial Bid separately; bidders who will submit technical and commercial together will be rejected.
- m) This is a Turnkey Project for the **Selection of Managed Service Provider – MSP (System Integrator)** and **it is mandatory for the bidders to conduct a survey of MPVS prior to submitting the BID. Visit the MP Vidhan Sabha (MPVS) to inspect the location for installation of various IT Infrastructure items such as, Tablet Device Stands, Wi-Fi Access Points, Projector System for installation of projector screen and wall/roof mounting, Network Switches, etc.**
- n) Tablet Devices & Touch Screen Devices (Tablet) will be of - Samsung [Galaxy Tab] and All Network Equipment's / Items mentioned in this Bid Document Annexure-TQ1B (like Network Switches, Wi-Fi Access Point, Wireless Controller, NMS etc) should be from same OEM only with 5 Years on-site warranty. Network Switch should be as per specification mentioned or latest models covering the given specifications.
- o) Validity Period of the Tender: The Tender shall be valid for duration of 9 months from the date of selection of the bidder. However, NICS reserves the right to extend the duration validity of the Tender by six months on the same terms and conditions.
- p) In this Project, Work Order for the various items will be placed in a phased manner during the validity period of the Tender as decided by the End User. For each phase the requirements for the items and their quantities will be decided by the End User (MPVS). NICS will issue the Work Order Phase-wise as per the request of the End User to the selected Bidder.
- q) If required, this Tender may be used by NIC / NICS for meeting the requirements of other Projects on the same terms and conditions with Prior approval of MPVS.

- r) No manual bids shall be accepted. All bids (both Technical and Commercial) should be submitted in the online portal.
- s) Bidders are advised to visit the eProcurement portal for getting themselves updated for information on this tender. Corrigendum, if any may be issued on the changes required. Reply on queries received by NICS I shall be displayed on tendering portal. Bidders are advised to visit the webpage regularly and get update themselves. The Corrigendum's are part of tender document and Bidders are supposed to upload the same accordingly, duly signed as per the guidelines given in the tender document.(Submit as PQ7)
- t) While effort has been made to provide the accurate background information, requirements and specifications, Bidders must form their own conclusions about the proposed solution catering the need to meet the requirements stated in RFP. All information supplied by Bidders may be treated as contractually binding on the bidders, on successful award of the assignment by NICS I on the basis of this RFP.
- u) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by NICS I.
- v) This tender does not constitute an offer by NICS I or its User. The bidder's participation in this process may result in selecting the bidder to engage towards execution of the contract.
- w) In Case, any other MP State Govt.Department / State Corporation / State PSU / State Boards / **Central GovtDept / Central Govt Corp etc. can use the same RFP for their need within the validity of this tender and in such case, L1 bidder will be required items to them on the rates quoted in this Bid and** located at Bhopal approaches NICS I to provide supply, installation and commissioning of any items specified under this bid as per the discovered rate within the validity of tender period, bidder may be required to provide the same with mutual understanding.
- x) The bidder must ensure that all supplied items will operate &function correctly for the duration of the warranty period specified in the bid document. Furthermore, the Original Equipment Manufacturer (OEM) must provide a formal undertaking for all the items (a signed statement with stamp or agreement) for Active network Items (Switches, Wi-Fi Access Points, Wi-Fi-Access point Controller), Tablet devices, All in One PC, Laptop, VC Systemetcconfirming this guarantee before signing the agreement. (Submit as PQ18 – MAF and PQ21- OEM)
- y) In compliance with the Central Vigilance Commissioner Circular No. 06/05/21 dated 3rdJune 2021 regarding adaptation of Integrity Pact-Revised Standard Operating Procedure to ensure transparency, equity and competitiveness in public procurement, the Bidder(s) / Vendor(s) /Prospective vendor(s) are required to sign an Integrity Pact (IP) with NICS I.
- z) The bidder may provide deviation to the contents of the RFP document. The deviations need to be given in format given below / given in **Annexure PQ24:** Deviations only. Any deviation given at any other format/place in the proposal will not be considered.

## 1.9 Right to terminate the process

The Purchaser may terminate the RFP process at any time and without assigning any reason. Purchaser also makes no commitments, express or implied, that this process will result in a business transaction with anyone.

The Purchaser also reserves its right to vary, modify, revise, amend or change any of the terms and conditions of the Bid before submission. The decision regarding the acceptance or rejection of the bid by Purchaser will be full and final.

## 1.10 Conflict of Interest

Bidder shall not have a “**Conflict of Interest**” that may affect the Bidding Process or the Solution delivery. Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, the Purchaser shall forfeit and appropriate the EMD, if available, and as mutually agreed genuine pre-estimated compensation and damages payable to the Purchaser for, inter alia, the time, cost and effort of the Purchaser including consideration of such Bidder’s Bid, without prejudice to any other right or remedy that may be available to the Purchaser here under or otherwise.

The Purchaser requires that the **Managed Service Provider – MSP (System Integrator)** provides solutions which at all times hold the Purchaser’s interest’s paramount, avoid conflicts with other assignments or its own interests, and act without any consideration for future work. The System Integrator shall not accept or engage in any assignment that would be in conflict with its prior or current obligations to other clients, or that may place it in a position of not being able to carry out the assignment in the best interests of the Purchaser.

Without limiting the generality of the above, a Bidder shall be deemed to have a Conflict of Interest affecting the Bidding Process, if:

- i. The Bidder or its Associates (or any constituent thereof) has a close business or family relationship with a staff of the Madhya Pradesh Vidhan Sabha, NICS, NIC and MPSEDC who:
  - a) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids;

**or**

  - b) would be involved in the implementation or supervision of resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract.
- ii. The Bidder or its Associates (or any constituent thereof) and any other Bidder, or its Associate (or any constituent thereof) have common controlling shareholders or other ownership interest; provided that this disqualification shall not apply in cases where the direct or indirect shareholding or ownership interest of a Bidder, or Associate (or any shareholder thereof having a shareholding of more than 5 per cent of the paid up and subscribed share capital of such Bidder, or Associate, as the case may be) in the other Bidder, or Associate is less than 5% (five per cent) of the subscribed and paid up equity share capital thereof. For the purposes of this Clause, indirect shareholding held through one or more intermediate persons shall be computed as follows:
  - a) Where any intermediary controlled by a person through management control or otherwise, the entire shareholding held by such controlled intermediary in any other person (the “Subject Person”) shall be taken into account for computing the shareholding of such controlling person in the Subject Person; where a person does not exercise control over an intermediary, which has shareholding in the Subject Person, the computation of indirect shareholding of such person in the Subject Person shall be undertaken on a proportionate basis; provided, however, that no such shareholding shall be reckoned under this Sub-clause if the shareholding of such person in the intermediary is less than 26% (twenty six per cent) of the subscribed and paid up equity shareholding of such intermediary;

**or**

  - b) A constituent of such Bidder is also a constituent of another Bidder; or Such a Bidder or its Associate receives or has received any direct or indirect subsidy or grant from any other Bidder or its Associate; or such a Bidder has a relationship with another Bidder, directly or

through common third parties, that puts them in a position to have access to each other's' information with regard to this RFP, or to influence the Bid of either or each of the other Bidder;

**or**

- c) There is a conflict among this and other software solution and services assignments of the Bidder (including its personnel and other members, if any) and any subsidiaries or entities controlled by such Bidder or having common controlling shareholders. The duties of the System Integrator will depend on the circumstances of each case. While providing software implementation and related solutions to the Purchaser for this particular assignment, the System Integrator shall not take up any assignment that by its nature will result in conflict with the present assignment,

**or**

- d) A Bidder eventually appointed to implement the Solutions for this Project, its Associates, affiliates, shall be disqualified from subsequently providing goods or works or services related to the construction and operation of the same Project and any breach of this obligation shall be construed as Conflict of Interest; provided that the restriction herein shall not apply after a period of 12 months from the completion of this assignment; provided further that this restriction shall not apply to software solutions delivered to the Purchaser in continuation of this systems implementation or to any subsequent systems implementation executed for the Purchaser in accordance with the rules of the Purchaser.

The bidder should provide an undertaking as per ***AnnexurePQ20: Conflict of Interest.***

## **1.11 Fraud and Corruption**

The Bidder must observe the highest standards of ethics during the entire process of tendering and during execution of the contract. In pursuance of this policy, For the purpose of this provision, the terms set for this are as follows:

- a) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the Department in contract executions.
- b) "Fraudulent practice" means a misrepresentation or suppression of facts, in order to influence a procurement process, award process or the execution of a contract to Department, and includes collusive practice among bidders (prior too after Proposal submission)designed to establish Proposal prices at artificially high or non-competitive levels and to deprive NICS I of the benefits of free and open competition.
- c) "Unfair trade practices" means supply of services different from what is ordered on, or different from what is in the Scope of Work as mentioned in RFP.
- d) "Coercive Practices" means harming or threatening to harm, directly or indirectly, persons or their property or influence their participation in the execution of contract.

NICS I shall reject the Bid proposal for award of contract, if it determines that the Bidder recommended for award, has been found to have been engaged in corrupt, fraudulent or unfair trade practices. Once the contract is signed and if it is noticed that the SI has indulged into the Corrupt /Fraudulent / Unfair / Coercive practices, it will be a sufficient ground for NICS I for termination of the contract and initiate blacklisting of the Bidder and forfeiting of EMD/

Performance security whichever is available,

## **1.12 Compliant Proposals/ Completeness of Response**

- a) Bidders are advised to study all instructions, forms, terms, requirements and other information in the tender documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
- b) Comply with all requirements as set out within this tender.
- c) Failure to comply with the requirements set out in this Tender may render the Proposal noncompliant and the Proposal may be rejected. Bidders must:
  - i. Include all documentation specified in this Tender;
  - ii. Follow the format of this tender and respond to each element in the order as set out in this tender.

## **2. Bidding Process and Selection of Vendor**

### **2.1 Bidder's Profile**

The Bidder will provide its particulars as per ***Annexure PQ6: Bidder's Profile***.

### **2.2 Authorized Signatory**

The Bid document should be accompanied by an appropriate board resolution or power of attorney (refer: ***Annexure PQ5: Format for Power Attorney***) in the name of an authorized signatory of the Bidder stating that he/she is authorized to execute documents and to undertake any activity associated with the Bidder's bid submission.

### **2.3 Bid Preparation Costs**

The Bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of bid, in providing any additional information required by the Purchaser to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process. Purchaser will in no event be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

### **2.4 Language of the Bid**

The Bid document should be filled by the Bidder in English language only. If any supporting documents submitted are in any other language other than English, translation of the same in English language should be duly attested by the Bidders. For purposes of bid evaluation, the English translation shall govern.

### **2.5 Clearly Visible and downloadable Bid**

The bidder shall ensure that the document uploaded on the **Procurement** portal is clearly visible and downloadable. If the uploaded bid document by bidder is not opening or downloadable by the purchaser, then it may not be considered for bid evaluation.

## 2.6 Format and Numbering of the Uploaded Document

The bidder shall ensure that the documents uploaded are correctly numbered so that any specific document can be easily and quickly tracked / searched using the appropriate page no. / serial no. / para no. / section no. All documents shall only be uploaded in the formats mentioned in the Tender document. If the documents submitted by the bidder cannot be successfully downloaded or opened due to any unjustified reason, then the bidder shall not be entitled for any claim whatsoever.

## 2.7 Compliant Bids/ Completeness of Response

- a) The Bidder shall be deemed to have carefully examined the Terms & Conditions, Scope, Service Levels, Specifications, and Schedules of this RFP.
- b) Bidders must include all documentation specified in this RFP.
- c) Bidders must follow the format of this RFP and respond to each element in the order as set out in this RFP.
- d) Bidders must comply with all requirements as set out within this RFP.
- e) Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- f) Failure to comply with the requirements of this paragraph may render the Bid(s) non-compliant and the Bid may be rejected.

## 2.8 Pre-Bid Meeting& Clarifications

If the Bidder has any doubts/clarifications, the Bidder shall submit the Pre-Bid queries as per **Fact Sheet and Important Dates**, seeking clarifications in writing in order that such doubts may be removed, or clarifications are provided.

- a) Pre-bid Meeting
  - i) Purchaser shall hold a pre-bid meeting online/Off-line with the prospective Bidders as per information given in the **Fact Sheet and Important Dates**.
  - ii) The Bidders will have to ensure that their queries for pre-bid meeting should reach the point of contact (Nodal Officer) **through email (XL File) only as mentioned in this RFP.**
  - iii) The pre-bid conference may be held virtually through online meeting. The information related to the meeting and link of the online meeting (if any) will be intimated to the bidders, who submit their queries in advance via the given email.
  - iv) Prospective bidders who wish to attend the online pre bid meeting should submit their contact details to the Nodal Officer, in the format as given in below, so as to ascertain the correct contact to whom the meeting link needs to be sent.

| Name of Company | Contact Name and Designation who wish to attend Pre-Bid Meeting | Email Address | Mobile Number |
|-----------------|---|---------------|---------------|
|                 |   |               |               |

- v) The queries should necessarily be submitted as per ***Annexure GEN1: Request Form for Pre-bid queries***.
- vi) Purchaser shall not be responsible for ensuring that the Bidders' queries have been received by them. Any requests for clarifications post the indicated date and time may not be entertained by the Purchaser.

#### **b) Responses to Pre-Bid Queries and Issue of Corrigendum**

- i) The Nodal Officer notified by the Purchaser will endeavor to provide timely response to all queries. However, Purchaser makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does Purchaser undertake to answer all the queries that have been posed by the Bidders.
- ii) At any time prior to the last date for receipt of bids, Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP document by issuing corrigendum(s).
- iii) The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the procurement website for the convenience of the bidder. Any such corrigendum shall be deemed to be incorporated into this RFP.
- iv) In order to provide prospective Bidders reasonable time for taking the corrigendum into account, the Purchaser may, at its discretion, extend the last date and time for the receipt of Bids.

## **2.9 Clarifications**

If deemed necessary, NICS may seek 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 tender submitted or price quoted. NICS may, if so desire, ask the bidder to give a presentation for the purpose of clarification of the tender. All expense for this purpose, also for the preparation of document and other meeting, will be borne by bidder.

## **2.10 Eligibility Criteria:**

Bidders should submit all the documents confirming the qualification as per the ***Annexure PQ3: Eligibility evaluation criteria*** and ***AITQ Annexure: Technical Criteria***. The bid is liable to be rejected without submission of relevant documents. The bidder should meet the Criteria in all respects. The ***Annexure PQ3: Eligibility Criteria*** should be forwarded vide ***Annexure PQ4: Eligibility Criteria Bid Cover Letter***.

## **2.11 Bid Submission**

### **a) Problem in Uploading Document Due to Internet Connectivity**

No claims shall be entertained owing to issues of internet connectivity. The bidders are advised to upload the bid online well in advance of the deadline to avoid difficulties.

### **b) Extension of Deadline in the event of Server Downtime**

In the event of the servers of the Procurement portal being down continuously for more than 2

hours before the deadline, the timeline for bid submission shall automatically be extended to as specified time on the next working day.

- c) Bidders are required to submit the bid and required documents online on the procurement portal. The bid document should be duly signed.
- d) Bidders should submit their responses as per the format given in this RFP.
- e) All pages of the Bid, except for the Bid Security, and any other document executed on non-judicial stamp paper, forming part of the Bid and corrections in the Bid, if any, must be signed by the authorized signatory on behalf of the Bidder.
- f) **All the pages of the Bid must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bidder's Bid. File Name of the enclosed document should also be relevant.**
- g) The Bid shall contain no interlineations or overwriting, except as necessary to correct errors made by the Bidder itself. Any such corrections must have initials of the authorized signatory of the Bidder.
- h) Only documents uploaded online will be considered for evaluation.
- i) The bids submitted by fax / e-mail or by hand will be outrightly rejected.
- j) Bids received after the due date and the specified time (including the extended period if any), for any reason whatsoever, shall not be entertained and shall be returned unopened.
- k) The Purchaser shall not be responsible for any delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- l) The Purchaser reserves the right to modify and amend any of the above-stipulated condition/criterion depending upon project priorities vis-à-vis urgent commitments.
- m) The Bids will be submitted in **Three Steps** by the bidder as per the details given further.
- n) **Step 1 (Bid Security /EMD)**
  - i) Bidders shall submit, along with their Bids, an EMD of **Rs.40,00,000.00/- (Rs Forty Lakh Only)**, in the form of a Bank Guarantee issued by any scheduled/nationalized bank in favor "NICSI", payable at Delhi and should be valid for 6 months from the date of submission of technical bid response. No interest shall be payable on Bid Security under any circumstance. Bidders can also make the EMD payment through online mode at eProcurementportal.
  - ii) **Bidder must deposit Original EMD with NICSI before opening of Tender.**
  - iii) The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.
- o) **Step 2 (Eligibility Criteria bid/ Technical bid):** Step 2 will consist of two things.
  - i) First - **Annexure PQ3: Eligibility Criteria.**
  - ii) Second - Technical bid in the format prescribed at All TQ **Annexure: Technical Criteria.**
    - i. The Bidder(s) must submit the technical compliances on their letterhead along with the Datasheet of the items quoted.

- ii. The bidders must enclose required technical brochures of the OEM to substantiate compliance to the technical specifications.
- iii. **The bidders must provide references of page no./ section no. / para no. of the enclosed technical brochures to enable easy verification of the compliance to the Technical specifications.**

**p) Step 3(Commercial bid)**

- i) Commercial Bid (Price Bid) shall be submitted as per the format prescribed at **Annexure FQ2: Commercial Bid**. The Commercial will be accompanied by **Commercial bid letter as per Annexure FQ1: Commercial Bid Letter**.
- ii) It should be noted that except the online Commercial Bid (Price Bid), no other envelope/document shall contain any information/document relating to Commercial Bid (Price Bid) in the event of any such occurrence, such bids will be summarily rejected.

## **2.12 Rejection Criteria**

Besides other conditions and terms highlighted in the Tender Document, bids may be rejected under following circumstances:

**a) General Rejection Criteria**

- i) Conditional Bids except for the deviations recorded in the designated section in the proposal as per the format provided in this RFP.
- ii) If the information provided by the Bidder is found to be incorrect / misleading / fraudulent at any stage time during the Tendering Process.
- iii) Any effort on the part of a Bidder to influence the bid evaluation, bid comparison or contract award decisions.
- iv) Bids without signature of person(s) duly authorized on required pages of the bid
- v) Bids without power of attorney/ board resolution
- vi) Handwritten Documents, Erasures or Alterations: The offers containing erasures or alterations will not be considered. There should be no hand-written material, corrections, or alterations in the offer. Filling up of the information using terms such as "OK", "noted", "as given in brochure/manual" is not acceptable and may lead to the dis-qualification of the Bid.
- vii) Failure to furnish information as required in the Tender Document or submission of the bid not substantially responsive to the Tender Document in every respect
- viii) Clarification(s) sought by NICS is / are not adequately addressed and complied by the bidder.

**b) Eligibility - Rejection Criteria**

- i) Bidders not complying and submitting specified documents as required vide **Annexure PQ3: Eligibility Criteria**.

**c) Technical Rejection Criteria**

- i) Technical Bid containing commercial details.
- ii) Revelation of Prices in any form or by any reason before opening the Commercial Bid.
- iii) Bidders not quoting for the complete Scope of Work as indicated in the Tender Document, addendum (if any) and any subsequent information given to the Bidder.
- iv) Bidders not complying with the Technical and General Terms and conditions as stated in the Tender Documents.
- v) Bidder not submitting technical proposal with required details as per All TQ ***Annexure: Technical Criteria.***
- vi) The Bidder not confirming unconditional acceptance of full responsibility of providing services in accordance with the Scope of work and Service Level Agreements of this tender as per ***Annexure PQ23: Form for Undertaking of Total Responsibility.***
- vii) ***MAF from OEM*** is mandatory ***for Network Devices/Itemsonly(All Network Devices/Items should be from same OEM only). MAF need to upload with the BID document*** without any additional clause / terms & condition/ alteration.
- viii) Commercial Bid (Price Bid), submitted along with Technical Bid.

#### **d) Commercial Rejection Criteria**

- i) Incomplete Price Bid / Nil Charges/ Charges under Consideration.
- ii) Price Bids that do not conform to the Tender's price bid format.
- iii) If there is an arithmetic discrepancy in the commercial Bid calculations NICS I may consider rectifying the same. If the Bidder does not accept the rectification, then their bid may be rejected.

### **2.13 Deviations**

The bidder may provide deviation to the contents of the RFP document. The deviations need to be given in format given below / given in Annexure PQ24: Deviations only. Any deviation given at any other format/place in the proposal will not be considered.

The competent committee of NICS I for the tender and purchase herein referred as TEC (Technical Evaluation Committee) would evaluate and classify the deviations as "material deviation" or "non-material deviation". In case of material deviation, the committee may decide to "monetize" the value of the deviations, which will be added to the price bid submitted by the bidder OR declare the bid as non- responsive.

**The committee's decision on the deviation(s) will be final and no correspondence in this regard will be entertained.** The bidders would not be allowed to withdraw the deviations at this stage. No correspondence in this matter will be entertained.

In case of non-material deviations, the deviations would form a part of the proposal & contract. The bidders may use the deviation chart as per annexure. **(Refer Annexure PQ24)**

## 2.14 Opening of Bid

The Bids shall be opened by Authority in presence of those Bidders or their representatives who may be present at the date and time of opening of bids as mentioned in **Fact Sheet and Important Dates**. The representatives of the bidders should be advised to carry the identity card or a letter of authority from the bidder firms to identify that they are bona fide representatives of the bidder firm, for attending the opening of bid.

The stages for Bid Opening are as follows:

### a) Stage 1: Validation of EMD

- i) Authority shall validate the "Bid Security/ Earnest Money Deposit (EMD)". **Copy of the EMD submitted should also be submitted with Eligibility Criteria Documents**
- ii) EMD of all unsuccessful bidders would be refunded within 60 days of finalization of tender or within 30 days after award of work to selected vendor, whichever is earlier.
- iii) The EMD of successful bidder would be returned upon submission of Performance Guarantee. (Refer: **Annexure GEN2: Performance Guarantee**)
- iv) The EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.
- v) The EMD may be forfeited:
  - i. If a bidder withdraws its bid during the period of bid validity.
  - ii. The successful bidder fails to sign the contract in accordance with this RFP.
  - iii. If found to have a record of poor performance such as having abandoned work, having been blacklisted, having inordinately delayed completion and having faced Commercial failures etc.
  - iv. The Bidder being found to have indulged in any suppression of facts, furnishing of fraudulent statement, misconduct, or other dishonest or other ethically improper activity, in relation to this RFP.
  - v. Bid contains deviations (except when provided in conformity with the RFP) conditional offers and partial offers.
  - vi. Bids which are not accompanied by the EMD or with any deficiencies as mentioned above shall be summarily rejected.

The Eligibility Criteria bid will be opened for only those bidders whose Bid Security/ EMD is in order and Original Bid Security/ EMD is deposited with NICSI.

### b) Stage 2: Eligibility Criteria

- i) If the contents of the Stage-1 are as per requirements, Authority shall open the "Eligibility Criteria Bid". Each of the Eligibility Criteria mentioned in **Annexure PQ3: Eligibility Criteria is MANDATORY**. In case, the Bidder does not meet any one of the conditions, the bidder shall be disqualified. **Bidders would be informed of their qualification/disqualification based on the Eligibility Criteria through Email**. Subsequently, for the disqualified Bidders, the Bid Security amount shall be returned.
- ii) For the bidders who don't meet the Eligibility Criteria, their **technical bids** will not be

opened.

### c) Stage 3: Technical Evaluation Framework

- i) "Technical Bid" will be evaluated only for the bidders who succeed in Stage 1 and Stage 2.
- ii) Authority will review the Technical Bids of the short-listed bidders to determine whether the technical bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority's discretion.
- iii) The bidders' technical solutions proposed in the bid document shall be evaluated as per the requirements specified in All TQ **Annexures - Technical Criteria**.
- iv) Each Technical Bid will be assigned a Technical Score out of a maximum of 100 points. The bidder must obtain a **Technical Score of 60 or more in Technical Evaluation to qualify for Commercial Evaluation** stage
- v) Additionally, compliance to the technical specifications will also be evaluated.
- vi) Commercial bid will not be opened for those bidders, who don't qualify the Technical Bid Evaluation.

### d) Stage 4: Commercial Evaluation

- i) All the technically qualified bidders will be notified to participate in the opening of "Commercial Bid".
- ii) The commercial bids for the technically qualified bidders shall then be opened on the notified date and time and reviewed to determine whether the commercial bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority's discretion.
- iii) Commercial bids that are not as per the format provided in **Annexure FQ2: Commercial Bid** shall be liable for rejection.
- iv) The bid price shall include all taxes and levies and shall be in Indian Rupees and mentioned separately.
- v) The Commercial Bids of technically qualified bidders will be opened. In the Commercial bid, the Bidder quoting the lowest price as **Gross Total Value (GTV)** inclusive all taxes will be declared as the L1 bidder / successful bidder.
- vi) If Two or more bidders have offered the same GTV, the bidder securing the highest technical score will be adjudicated as the "Best responsive bid" for award of the Project.
- vii) For the successful Bidder, the EMD/ Bid Security amount shall be returned to them only after the submission of **Performance Guarantee**.

## 2.15 Preliminary Examination of Bids

The Authority may ask for meetings with or presentations by the Bidders to seek clarifications on their bids. The Authority reserves the right to reject any or all the bids. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

Authority shall examine the bids to determine whether they are complete, the documents have been properly signed and the bids are generally in order. Any bids found to be non-responsive for

any reason or not meeting any criteria specified in the RFP, shall be rejected by Authority and shall not be included for further consideration.

Initial Bid scrutiny shall be held and bids will be treated as non-responsive, if bids are:

- a) Not submitted in format CMMI as specified in the RFP document
- b) Received without the Letter of Authorization (Power of Attorney)
- c) Found with suppression of details
- d) With incomplete information, subjective, conditional offers and partial offers submitted
- e) Submitted without the documents requested
- f) Non-compliant to any of the clauses mentioned in the RFP
- g) With lesser validity period

## **2.16 Clarification on Bids**

During the bid evaluation, Authority may, at its discretion, ask the Bidder for any clarification(s) of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered, or permitted.

## **2.17 Evaluation Process**

- a) NICS I shall constitute a Technical Evaluation Committee (TEC) to evaluate the responses of the bidders.
- b) The TEC shall evaluate the responses to the RFP and all supporting documents / Documentary evidence. Inability to submit requisite supporting documents / documentary evidence, may lead to rejection.
- c) The decision of the TEC in the evaluation of responses to the RFP shall be final. No correspondence will be entertained outside the process of negotiation/ discussion with the Committee.
- d) The TEC may ask for meetings with the Bidders to seek clarifications on their proposals.
- e) The TEC reserves the right to reject any or all proposals on the basis of any deviations or clarifications provided.
- f) Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

## **2.18 Right to Accept Any Offer and to Reject Any or All Offers**

**NICS I with consultation of MPVS**, reserves the right to accept or reject any tender offer, and to annul the tendering process and reject all tenders at any time prior to award of control, without thereby incurring any liability to the affected vendor(s) or any obligation to inform the affected vendor(s) of the grounds for such action.

## **2.19 Notification of Award**

NICS I will notify the successful Bidder via letter / fax /email of its intent of accepting the bid. Within 7 days of receipt of the Letter of Intent (LoI) issued by NICS I, the successful Bidder shall be required to sign the LoI and return the same to the address specified above as a token of acceptance of the LoI.

## 2.20 Performance Guarantee

As a condition precedent to execution of the Agreement, the successful Bidder shall ensure submission of the requisite unconditional irrevocable Bank Guarantee, in the prescribed format with in 10 days from the issuance of LoI (Letter of Intent) as a Performance Guarantee (PG) (Refer: **Annexure GEN2: Performance Guarantee**) for the services to be performed under the resultant Agreement. **The PG shall be equivalent to 4% of the total Order value and must be issued by a Nationalized Bank/Scheduled Bank.** The PG shall be valid for the term of the resultant Agreement plus six additional months and shall be renewed and maintained as necessary by the SI for the term of the resultant Agreement, and extensions if any.

Earnest Money Deposits (EMD) of all unsuccessful bidders would be refunded by NISCI within sixty days (60) of the bidder being notified as unsuccessful. EMD of the successful Bidder shall be returned on successful execution of the resultant Agreement.

The PG may be liquidated by NISCI as penalty / liquidated damages resulting from the MSP/System Integrator's (SI) failure to complete its obligations under the resultant Agreement. The Performance Guarantee shall be returned by NISCI to the vendor within 90 days of the term/expiration of the resultant Agreement after applicable deductions as per the Agreement, if any.

## 2.21 Signing of Integrity pact

In compliance with the Central Vigilance Commissioner Circular No. 06/05/21 dated 3rd June 2021 regarding adaptation of Integrity Pact- Revised Standard Operating Procedure to ensure transparency, equity and competitiveness in public procurement, the Bidder(s) / Vendor(s) / Prospective vendor(s) are required to sign an Integrity Pact (IP) with NISCI. The bidders are required to sign the Integrity pact with NISCI. Format of Integrity pact will be shared later (prior to signing contract).

## 2.22 Signing of Contract

Subsequent to NISCI notification to the successful Bidder by way of a LoI, acceptance of the LoI and submission of the PG, the **successful Bidder shall execute the Agreement with NISCI. Failure of the successful Bidder to furnish the Performance Guarantee or execute the Agreement within 2 weeks from issue of LoI shall cause the EMD of the successful Bidder to be liquidated.** In such event, NISCI shall negotiate with the next eligible bidder. The successful Bidder will be liable to indemnify NISCI for any additional cost or expense, incurred on account of failure of the successful Bidder to execute the Agreement. LoI will be issued to bidder on the basis of LCS (Least Cost Selection). However, final BOQ and order value may vary after site survey which shall be acceptable to the bidder. **Work order in phased manner will be issued by NISCI based on the final order value and BOQ only.**

Notwithstanding, anything to the contrary mentioned above, NISCI at its sole discretion shall have the right to extend the timelines for execution of Agreement on the request of the successful Bidder, provided the same is bonafide.

## 2.23 Concessions Permissible Under Statutes

Bidder, while quoting against this tender, must take cognizance of all concessions permissible, if any, under the statutes and ensure the same is passed on to the Purchaser, failing which it will have to bear extra cost. In case bidder does not avail concessional rates of levies like customs duty, excise duty, GST etc. NISCI will not take responsibility towards this. However, may provide necessary assistance, wherever possible, in this regard.

## 2.24 Taxes

The bidders need to include all the taxes in their Commercial bid at the rates applicable at the time of bidding. Any change in tax component needs to be passed on to NICSI in bidirectional manner.

## 2.25 Right to vary the Scope of the Work at the Time of Award

The Purchaser reserves its right to make changes to the scope of the work at the time of execution of the resultant Agreement. *i.e. Items need to be supplied in Phased manner by the selected MSP in this BID and NICSI will issue the WO in Phased Manner. Thus MPVS/NICSI Reserve the right to Change the Quantity / can drop any particular item during the validity of BID as per the Rules.* If any such change causes an increase or decrease in the cost of, or the time required for the MSP/SI's performance of any part of the work under the resultant Agreement, whether changed or not changed by the order, an equitable adjustment (if required) shall be made in the Contract Value or time schedule, or both, and the Agreement shall accordingly be amended. Any claims by the MSP/SI for adjustment under this Clause must be asserted within thirty (30) days from the date of the receipt of NICSI changed order.

Bidders may start procurement of items based on Lol to adhere project timeline and SLA terms. Lol will be issued based on RFP bill of material. However final work order will be issued based on BOQ finalized after site survey. Thus, variation in quantity and final order value should be acceptable by the bidder. By participating in the bid, the bidders are explicitly agreeing to this condition.

## 3. Scope of Work

The site at which the required work is to be carried out will be at Madhya Pradesh Vidhan Sabha, Bhopal. The detailed Scope of Work is mentioned in the following paragraphs.

**A Bidder who is bidding with items manufactured from a country which shares a land border with India will be eligible to bid in any procurement whether of goods AND / OR services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the OEM is registered with Competent Authority i.e., DPIIT. This is in compliance with office OM no. 6/18/2019- PPD dated 23rd July 2020 inserting rule 144(xi) in GFRs 2017.**

### 3.1 Supply, Delivery, Installation, Penalties, Acceptance & Manpower

Details of work to be executed by the selected vendor are specified in **Annexure GEN3: Scope of Work**. The selected vendor must ensure to take a note of it and abide by the requirements specified therein.

### 3.2 Delivery and Installation Conditions

At the destination site, the cartons will be opened only in the presence of NIC / NICSI/ User officials and the vendor's representative. All delivery of items shall be signed with clear depiction of date on delivery note. Upon satisfactory installation of the equipment, vendor should obtain signed installation certificate from the official after making the stock entry at their end and specify the same in the installation certificate. Delivery notes and Installation certificate in original shall be submitted along with the bills by the vendor for payment.

For site not ready (SNR) case, vendor is required to submit a certificate to NIC / NICSI, duly signed with date and stamp by the concerned officials. No Penalty will be levied for SNR cases; however, Vendor has to start installation work within 15 days of receipt of site ready notice from NIC / NICSI/ User and complete as per PO terms, failure on the same will invoke the penalty.

### 3.3 Support for IT and Networking Infrastructure

The site shall be handed over to the MPVS after necessary testing and commissioning. **However, it is responsibility of selected MSP/SI to ensure the 24X7 availability of Network. (Rendering of services is not incidental). The installation including all equipment & material supplied by the MSP/SI shall be under Warranty for a period of 60 months for Active Networking items & 36 Months for all other items from the date of taking over the installation by the MPVS, against satisfactory performance and/or break down due to defective design, workmanship or material. The equipment or components, or any part thereof, so found defective during Warranty period shall be forthwith rectified/repaired or replaced free of cost, to the satisfaction of MPVS & NIC / NICSI. In case it is felt by the MPVS / NIC that undue delay is being caused by the MSP/SI in doing this, the same will be got done by the NIC / NICSI at the risk and cost of the MSP/SI. The decision of NIC / NICSI in this regard shall be final & binding on the MSP/SI. Sufficient trained and experienced staff shall be made available to meet any exigency of work/ rectification of defective work/material during the Warranty period from effective Go-live. As rendering of services is not incidental, round the clock monitoring of network for break down services shall be ensured for rectification of defects during the defect liability period (during warranty) and the same is deemed included in the scope of the work.**

| Warranty Support for IT Infrastructure |  |  |  |
|--|--|--|--|
| S. No.                                 | Details  | IT equipment (other than Networking Items)   | Active Networking Items  |
| a)                                     | Warranty Support for all Infrastructure              | Warranty for a period of <b>3years (Including all Active Network Components)</b> from the date of installation <b>unless mentioned otherwise.</b>  | Warranty for a period of <b>5 years</b> from the date of installation.   |
| b)                                     | Deployment of Separate Manpower                      | As per contractual obligation  | As per contractual obligation  |
| c)                                     | Change of Component/Equipment During Warranty Period | MSP/SI is required to replace any failed components as per Section <b>3.4Service Level Agreement and Penalties.</b><br><br>If any equipment needs to be changed then bidder can change it with equal or higher make/ model with OEM concurrence. | MSP/SI is required to replace any failed components as per Section <b>3.4Service Level Agreement and Penalties.</b><br><br>If any equipment needs to be changed then bidder can change it with equal or higher make/ model with OEM concurrence. |

### 3.4 Service Level Agreement (SLA) and Penalties

The bidder has to undertake to monitor, maintain, and comply with the service levels stated in the RFP to provide quality service to NIC / NICSI/ MPVS as per **Annexure PQ25: Undertaking of Service Level Compliance.**

| S. No. | Activity   | Rate of Penalty   |
|--------|--|---|
| a)     | <b>Failure in maintaining the Contract Signing schedule</b>                | Any unjustified and unacceptable delay in Contract Signing beyond the timelines given in <b>Section 3.7 Deliverable and Project Timelines</b> will render the vendor liable for penalty at the rate of 0.1% (Zero-point one percent) of the purchase order value per day for first 10 days, 0.2% (Zero-point two percent) per day for next 10 days, 0.3% (zero-point three percent) per day for next 10 days, subject to maximum 30 days in total after which the purchase order may be cancelled and applicable penalty for delay may be applied. <b>NICSI with consultation of MPVS holds the option to consider the bids of other Technically qualified bidders.</b>   |
| b)     | <b>Failure in maintaining the delivery schedule</b>                        | Any unjustified and unacceptable delay in delivery schedule as given in <b>Section 3.7 Deliverable and Project Timelines</b> will render the vendor liable for penalty at the rate of 0.1% (Zero-point one percent) of the purchase order value per day for first 10 days, 0.2% (Zero-point two percent) per day for next 10 days, 0.3% (zero-point three percent) per day for next 10 days, subject to maximum 30 days in total after which the purchase order may be cancelled and applicable penalty for delay may be applied. Also, NICSI with consultation of MPVS holds the option to complete the delivery through alternate sources with extra cost of completion to be borne by the defaulting vendor. |
| c)     | <b>Failure in maintaining the installation schedule</b>                    | Any unjustified and unacceptable delay in delivery schedule as given in <b>Section 3.7 Deliverable and Project Timelines</b> will render the vendor liable for penalty at the rate of 0.2% (Zero-point two percent) of the purchase order value per day subject to maximum of 10 days, thereafter NICSI with consultation of MPVS holds the option to complete the installation work through alternate sources with the extra cost of completion to be borne by the defaulting vendor.  |
| d)     | <b>Maintenance and 24X7 availability of Network during warranty period</b> | Under warranty penalty per day per equipment at the rate of 0.05% (Zero-point zero five percent) of the purchase value of the equipment if not repaired within 24 hours. Maximum penalty will be limited to 10% (ten percent) of the purchase order value of the equipment. If system remains down beyond 30 days, NIC / NICSI with consultation of MPVS will have option to get it rectified through alternate source. The cost of repair on such default shall be recovered from the vendor outstanding payment or PBG.   |
| e)     | <b>Replacement of the faulty system</b>                                    | Any system, failing at subsystem level at least three times in three months, displaying chronic system design or manufacturing defects or Quality Control problem will be totally replaced by the Vendor at his cost and risk within 30 days, from the date of last failure. If supplier fails to replace the system within 30 days, penalty will be charged at the rate of 0.2% (Zero-point two percent) of system purchase value per day per system up to a maximum value of 10% (Ten percent) of the purchase order.   |

| S. No. | Activity  | Rate of Penalty  |
|--------|---|--|
| f)     | <b>Service Levels for On Call Support</b>   |  |
| i)     | <b>Response Time:</b><br>Expected response time is 4 working hours from the time of incident reporting.   | A penalty of Rs. 500 (Five Hundred only) per incident for delay by every 1 hours for every incident not responded to within the stipulated time. Official working hours of the User's office will be considered for this purpose.  |
| ii)    | Resolution Time: The resolution time for any issue will be as follows:<br><br><b>Active Network Components - 48 Hours</b><br><br><b>Other components – 36 Hours</b> | A penalty of Rs. 5000 (Five Thousand only) per incident for delay by every 24 hours for every incident not resolved within the stipulated time. Official working hours of the User's office will be considered for this purpose.   |
| g)     | <b>Service Levels for Full-time On-site Support</b>   |  |
| i)     | Single Point of Contact (SPOC) needs to be deployed at MPVS within two weeks from the date of issue of work order.  | A Penalty of Rs. 2000 (Two Thousand only) per day for not deploying the SPOC within the stipulated time. The delay will be calculated on daily basis.  |
| ii)    | Response Time: The expected response time by SPOC is 2 hour from the time of incident reporting.  | A penalty of Rs. 500 (Five Hundred only) per incident for delay by every 1 hours, will be levied to the vendor, for every incident not responded to within the stipulated time. Official working hours of the User's office will be considered for calculation of response time. |
| iii)   | Resolution Time: The resolution time for any issue will be as follows:<br><br><b>Active Network Components - 48 Hours</b><br><br><b>Other components – 36 Hours</b> | A penalty of Rs. 5000 (Five Thousand only) per incident for delay by every 24 hours, will be levied to the vendor, for every incident not resolved within the stipulated time.   |
| h)     | Limitation of Liability   | Taking into consideration all the above cases, the total liability shall be governed by <b>the Section 5.5: Limitation of Liability.</b>   |

### 3.5 Acceptance of Items

- The Systems must be supplied in full as per ordered configuration for acceptance.
- Failure to fulfil any of the aforementioned conditions will entail cancellation of the Purchase Order along with forfeiture of the Security Deposit/Performance Guarantee.
- During Tender period, on subassembly level if any item's specifications / model changes & becomes non-available due to obsolescence/ up-gradation of technology, vendor within already approved cost may offer the item with equivalent or having better features in terms of performance and specifications. The item should be offered to NIC / NICS for evaluation with

full configuration. The item(s) so offered will be evaluated at NIC / NICS I /any other site as decided by NIC / NICS I for its acceptance. The vendor should provide detailed technical documents and technical manpower support so as to enable NIC / NICS I to carry out the evaluation process again on the new item. In evaluating such change request, only the tender specification will be referred. In the case of main components, any change in the specification due to technological up-gradation/ non-availability will be permitted by equivalent/better item of the same OEM. If no equivalent product meeting tender specification is available with that OEM, a communication from the OEM is mandatory in this regard before offering product of a different OEM.

- d) If required, the tentative schedule for conducting of acceptance shall be provided along with comprehensive material details by supplier within 15 working days from the date of purchase order to NIC / NICS I, so that all the related documentation work by NIC / NICS I could be completed and products can be delivered and installed within the stipulated time frame as per purchase order.
- e) If required, the testing of items must be generally completed as specified in the purchase order before the delivery date as per purchase order.
- f) NIC / NICS I reserves the right to reject any item, if found unsuitable and /or not conforming to the approved specifications. The rejected items, if any, shall have to be taken back and replaced by good items forthwith at the cost of the vendor. No payment will be made for rejected items.
- g) The items which are accepted, should be sealed inside carton under the joint signatures of the representative(s) of NIC / NICS I and supplier's representative and then sent along with the packing list giving serial numbers and part numbers of all possible Items and copy of the acceptance report to the specific location or to the actual sites of installation. The top cover of the carton must have a label carrying the complete NIC / NICS I Purchase Order Number, supplier's bill number and Delivery location.
- h) A sticker mentioning the Service Support Call Centre Number of the vendor and warranty details should be pasted by vendor on each box.

### **3.6 Support of Manpower for IT Infrastructure and 24X7 availability of Network**

**The bidders have to provide Four (04) full time technical manpower for 03 years for installation, Testing, Commissioning & ensuring 24x7 availability of Network and to provide Operational Support of the IT Infrastructure, created for networking monitoring, network security at MPVS which includes internet / intranet services, networking monitoring, Network security measures etc. They will work as single point of contact (SPOC) for the bidder and MPVS/NIC-NICS I. Bidder may also be required to provide additional support in the following categories, as and when required: a) Full-Time Onsite Support, b) On-Call Support**

**In case the Support is asked by the User, the vendor will be required to deploy 'Incident Reporting and Management Tool at no additional cost to the User, in order to monitor the performance compliance as per the SLAs. The vendor must provide a web interface for the tool and provide the access to the User.**

#### **a) Full-time Onsite Support:**

- i) The bidder **has to provide Four-04 full time technical manpower for 03 years, which includes 1 senior technical person, who will work a SPOC for the L1 bidder** (Full-time onsite support), in order to meet the Service Level Agreements as mentioned in Section 3.4: Service Level Agreement (SLA) and Penalties.
- ii) The bidder will be responsible for Preventive Maintenance (PM) of all the components supplied and installed under their work order/purchase order. The bidder will have to carry out the PM exercise at least once in 6 months for active components and do patch updates

and updates to the latest version in the supplied items during these visits. For equipment related to house including Tablet, Stand, Network component bidder has to complete Preventive Maintenance prior to one week of each assembly session without fail and submit the report to the concerned authority.

- iii) The bidder will be responsible to facilitate the warranty services provided by the OEMs.
- iv) The bidder will be responsible to provide troubleshooting support for all Networking related issues.
- v) The onsite support includes 4 resources in general shift but if session goes beyond the normal time hours, deployed manpower needs to work as per session timing. Their duty schedule may be decided by MPVS, if needed. Deployed manpower will be responsible for maintenance and support for smooth functioning & 24X7 availability of the Network.
- vi) In order to maintain the SLA and **24X7 availability of Network**, if bidder require **more than 4 Full-time Onsite Support** technical manpower, then the bidder must quote per unit rates for providing technically qualified network engineer (**as per Table-C of Annexure FQ2: Commercial Bid for manpower**). The resource deployed should have Diploma/Engineering degree or higher from any of the nationally recognized institution and should have an OEM certified networking certification and shall have a minimum of 3-years' experience in network troubleshooting and related activities.

#### b) On-call Support:

- i) The bidder may also be required to provide On-call support in order to meet the Service Level Agreements as mentioned in Section 3.4: Service Level Agreement (SLA) and Penalties.
- ii) The bidder will be responsible to facilitate the warranty services provided by the OEMs as per SLA.
- iii) The bidder will be responsible for providing troubleshooting support for all the networking related issues.

### 3.7 Deliverable and Project Timelines

| S. No | Activities  | Duration               |
|-------|---|------------------------|
| a)    | Contract Signing  | <b>T1=T+2 Weeks</b>    |
| b)    | Delivery of Items   | <b>T2= T1+12 Weeks</b> |
| c)    | Installation and commissioning of the required Hardware and Software on all sites | <b>T3= T2+4 Weeks</b>  |

T → Date of Award of Intent (LOI) or Issuance of Work Order by NICSI

### 3.8 Payment Terms

| S. No. | Activity /Task  | Deliverables           | Payment Milestone   |
|--------|---|------------------------|---|
| a)     | Submission of PBG and signing of contract.                            | <b>T1= T+2 Weeks</b>   | --  |
| b)     | Delivery of items - Partial delivery is also acceptable               | <b>T2= T1+12 Weeks</b> | <b>65 % of the Contract Value (as per delivered Item value)</b>   |
| c)     | Installation and commissioning of IT Infrastructure / Delivered Items | <b>T3= T2+4 Weeks</b>  | <b>20% of the Contract Value</b>  |
| d)     | After completion of every year of warranty period (Yearly)            | <b>Yearly</b>          | <ul style="list-style-type: none"> <li>• <b>5%</b> of the Contract Value after completion of each year. (5% after 1/2/3 year) for 3 Year Warranty Items.</li> <li>• <b>3%</b> of the Contract Value after completion of each year. (3% after 1/2/3/4/5 year) for 5 Year Warranty All Active Network Items.</li> </ul> |
| e)     | Payment of Deployed Full Time Technical manpower at MPVS              |                        | Monthly Payment Basis   |

T → Date of Award of Intent (LOI) or Issuance of Work Order by NICSI

## 4. Specifications and Compliance

### 4.1 Rule 144(XI) of GFR 2017 Compliant

In view of the memorandum F No. 6/18/2019-PPD dated 23rd July 2020 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, all participating bidders and OEMs should comply to the restrictions under rule 144(xi) of General Financial Rules (GFRs) and related DO no.45021/171/2020-BE-II(E-45442) dated 27.05.2021 of Department of Promotion of Industry and Internal Trade and subsequent office memorandum of department of expenditure F-7/10/2021-PPD dated 8th June 2021. All bidders and OEMs need to submit declaration in specified format on their letter head regarding compliance of this clause as per Annex III of the above order.

### 4.2 Technical Specifications and Compliance

**Technical Evaluation Criteria** is specified in All TQ **Annexures: Technical Criteria**. It comprises of two sections.

- a) Technical Strength of the Bidder: Technical Strength of the Bidder will be evaluated on a scale of 100 for various parameters.
- b) Technical Compliance of the Bid: Technical Specifications of the various IT Infrastructure Components, as required in the Tender are mentioned in this section. Compliance to each of the specification parameters has to be provided by the bidder.

**Additionally, the respective OEM has to certify produce specification compliance for the product under its domain with seal and signature of the authorized signatory, as quoted by the Bidder (Refer: *Annexure TQ4: Technical Specification Compliance Form*).**

### 4.3 Details of Costing (Financial)

Commercial details have to be provided for the tender as per **Annexure FQ2: Commercial Bid. Gross Total Value (GTV)** has to be computed as per the details in this Annexure and the GTV will decide the Selection of Vendor (L1 Bidder).

## **5. Other Terms and Conditions**

The bid quoting false information (as per above para) will be cancelled and action will be taken as per terms and conditions of Bid Securing Declaration Form as per ***Annexure PQ22:Bid Securing Declaration Form***. Additionally, furnishing of false information on this account shall also attract penal provisions as per guidelines/notifications. Bids of the Bidders and OEM who do not provide the above information will be rejected straight away. NICS I reserves the right to verify the above information at any point of time.

### **5.1 Force Majeure**

If at any time, during the continuance of the Tender, the performance in whole or in part by either party of any obligation under the Tender is prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics quarantine restrictions, strikes, lockouts or acts of God (hereinafter referred to as "events"), provided notice of happenings of any such event is duly endorsed by the appropriate authorities/chamber of commerce in the country of the party giving notice, is given by party seeking concession to the other as soon as practicable, but within 21 days from the date of occurrence and termination thereof and satisfies the party adequately of the measures taken by it, neither party shall, by reason of such event, be entitled to terminate the Tender, nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance, and deliveries under the Tender shall be resumed as soon as practicable after such event has come to an end or ceased to exist and the decision of the purchaser as to whether the deliveries have so resumed or not, shall be final and conclusive, provided further, that if the performance in whole or in part or any obligation under the Tender is prevented or delayed by reason of any such event for a period exceeding 60 days, the purchaser may at his option, terminate the Tender.

### **5.2 Termination for Default**

Default is said to have occurred:

- a) If the vendor fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by NICS I.
- b) If the vendor fails to perform any other obligation(s) under the Tender.
- c) If the vendor, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of the default notice from NICS I / NIC (or takes longer period in spite of what NICS I may authorize in writing), NICS I / NIC may terminate the purchase order in whole or in part. The payment for other completed PO/work will not be affected.
- d) NICS I may at any time terminate the purchase order by giving one month written notice to the Vendor, without any compensation to the Vendor, if the Vendor becomes bankrupt or otherwise insolvent

### **5.3 Termination for Insolvency**

NICS I may at any time terminate the purchase order by giving four weeks written notice to the selected vendor, without any compensation to the selected vendor, if the selected vendor becomes bankrupt or otherwise insolvent.

### **5.4 Limitation of Liability**

- a) Except conditions enumerate in Indemnity Clause, the damage caused by the selected vendor to NICS I / NIC / the User under any work order issued pursuant to this Tender the selected vendor shall be liable to the User / NICS I/ NIC for damage and loss to the maximum extent of the work order value. However, the total value of damages, during the period of Tender that

can be levied on the selected vendor shall not exceed the total contract value of the work entrusted to them.

- b) Selected vendor shall be liable for all acts of omission and commission by its employees deployed under this Tender and NIC / NICS / the User stand and insulation against aggrieved third-party complaints against any civil or criminal actions of the selected vendor or its employees.
- c) Limitation of liability: In no event selected vendor will be liable for any incidental, indirect, special or consequential costs or damages including, without limitation, downtime cost, unavailability of or damage to data; or software restoration. To the extent allowed by local law, these limitations shall apply regardless of the basis of liability, including negligence, misrepresentation, breach of any kind, or any other claims in contract, tort or otherwise."

## **5.5 Indemnity**

The selected vendor shall indemnify NICS / NIC / the Users against all third-party claims of infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied software/ hardware/manpower etc. and related services or any part thereof. NICS / NIC / the User stand indemnified from any claims that the hired manpower / selected vendor's manpower may opt to have towards the discharge of their duties in the fulfilment of the purchase orders. NIC / NICS/User also stand indemnified from any compensation arising out of accidental loss of life or injury sustained by the hired manpower / selected vendor's manpower while discharging their duty towards fulfilment of the purchase orders.

## **5.6 Arbitration**

- a) If a dispute arises out of or in connection with this contract, or in respect of any defined legal relationship associated therewith or delivered there from, the parties agree to submit that dispute to arbitration under ICADR Arbitration Rules, 1996.
- b) The Authority to appoint the arbitrators (s) shall be International Centre for Alternative Dispute Resolution (ICADR)
- c) The International Centre for Alternative Dispute Resolution will provide administrative services in accordance with the ICADR Arbitration Rules, 1996.
- d) Venue of arbitration shall be New Delhi

## **5.7 Conciliation**

- a) If a dispute arises out of or in connection with this contract, or in respect of any defined legal relationship associated therewith or derived there from, the parties agree to seek an amicable settlement of that dispute by Conciliation under the ICADR Conciliation Rules, 1996.
- b) The Authority to appoint the Conciliator(s) shall be the International Centre for Alternative Dispute Resolution (ICADR).
- c) The International Centre for Alternative Dispute Resolution will provide administrative services in accordance with the ICADR Conciliation Rules, 1996.

## **5.8 Applicable Law**

- a) The vendor shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing.

- b) All disputes in this connection shall be settled in Delhi jurisdiction only.
- c) NICS I reserves the right to cancel this tender or modify the requirement without assigning any reasons. NICS I will not be under obligation to give clarifications for doing the aforementioned.
- d) NICS I also reserves the right to modify/relax any of the terms & conditions of the tender.
- e) NICS I, without assigning any further reason can reject the tender, in which any prescribed condition(s) is/are found incomplete in any respect.
- f) NICS I also reserves the right to award works/supply order on quality/technical basis, which depends on quality/capability of the system and infrastructure of the firm. Bidder(s) are, therefore, directed to submit the tender carefully along with complete technical features of the products/systems as well as other documents required to access the capability of the firm.
- g) All procedure for the purchase of stores laid down in GFR and DFPR shall be adhered to strictly by NICS I and subordinates and Bidders are bound to respect the same.

## **Annexures**

## **Annexure GEN1: Request Form for Pre-bid queries**

**Bid No..... Dated: .....**

Bidders requiring specific points of clarification may communicate during the specified period using the following format:

| <b>Bidder Details</b>                   |  |  |
|---|--|--|
| Name of Organization submitting request | Name & position of the person submitting a request | Full address of the Organization including phone, fax, and email points of contact |
|   |  | Tel:   |
|   |  | Fax:   |
|   |  | Email:   |

| <b>Pre-bid Queries of the Bidder</b> |   |  |                                  |
|--------------------------------------|---|--|----------------------------------|
| S. No.                               | Bidding Document Reference(s)<br>(Section no. / page no.) | Content of RFP requiring Clarification | Points of clarification Required |
| 1.                                   |   |  |                                  |
| 2.                                   |   |  |                                  |

**Note:** The name of the organization and the date shall appear on each page of such as document/ email in the header or footer portion

Yours sincerely,

Authorized Signature [In full and initials]: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Firm: \_\_\_\_\_

Address: \_\_\_\_\_

Location: \_\_\_\_\_

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

\_\_\_\_\_

**Annexure GEN2: Performance Guarantee**  
**Bid No..... Dated: .....**

Bank Guarantee No:

To,  
The Managing Director  
National Informatics Centre Services Inc. (NICS I)  
New Delhi

1. Against contract vide Advance Acceptance of the Bid No. <\_\_\_\_\_> Dated: <\_\_\_\_\_> for **Tender for Madhya Pradesh Vidhan Sabha Bhopal, Network Upgradation** (hereinafter called the said 'contract') entered into between NICS I, (hereinafter called the Purchaser) and M/s <Name of the Company>, a Company incorporated under the Companies Act, 1956 and having its Registered Office at <Address of the Company> (hereinafter called the Bidder) this is to certify that at the request of the Bidder we <name of the Bank/Branch> a body corporate constituted under the Banking Companies [Acquisition and Transfer of Undertakings] Act, 1970 and having its Registered Office at <Address of the Bank> and a branch office at <Address of the Bank's branch> are holding in trust in favor of the Purchaser, an amount of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) to indemnify and keep indemnified the Purchaser against any loss or damage that may be caused to or suffered by the Purchaser by reason of any breach by the Bidder of any of the terms and conditions of the said contract and /or in the performance thereof. We agree that the decision of the Purchaser, whether by any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Bidder and the amount of loss or damage that has been caused or suffered by the Purchaser shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to the Purchaser.
2. We <Name of the Bank /Branch> further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfilment in all respects of the said contract by the Bidder i.e. till hereinafter called the said date and that if any claim accrues or arises against us, <Name of the Bank /Branch> by virtue of this guarantee before the said date, the same shall be enforceable against us <Name of the Bank /Branch> notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us <Name of the Bank /Branch> by the Purchaser before the said date. Payment under this guarantee shall be made promptly upon our receipt of notice to that effect from the Purchaser.
3. It is fully understood that this guarantee is effective from the date of the said contract and that we <Name of the Bank /Branch> undertake not to revoke this guarantee during its currency without the consent in writing of the Purchaser.
4. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present bond being absolute and unequivocal.
5. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Bidder shall have no claim against us for making such payment.

6. We <Name of the Bank /Branch> further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the Bidder from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Bidder and to forebear or enforce any of the terms and conditions relating to the said contract and we, <Name of the Bank /Branch> shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Bidder or for any forbearance by the Purchaser to the said Bidder or for any forbearance and or omission on the part of the Purchaser or any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision have the effect of so releasing us from our liability under this guarantee.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Bidder. Notwithstanding anything contained herein:

- a) Our liability under this Bank Guarantee shall ..... not exceed of Rs. .... (Rupees in words only).
- b) The Bank Guarantee shall be valid upto .....; and;
- c) We <Name of the Bank /Branch> are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before.....

Authorized Signatory of the Bank

Signature

Full name/designation/ Address of the official and date

WITNESS NO.1

Signature

Full name/designation/Address WITNESS NO.2

Signature

Full name/designation/Address

## **Annexure GEN3: Scope of Work**

**Bid No..... Dated: .....**

### **1. Supply, installation and commissioning and maintenance of IT infrastructure**

- a) Tablets with stand and other accessories in MPVS with its testing, making them operational, and maintenance as per RFP conditions.
- b) AIO Desktops and laptops with other accessories in MPVS with its testing, making them operational, and maintenance as per RFP conditions.
- c) Installations of newly supplied switches by replacing the EOL/End of Support switches in MPVS with its testing, making them operational, and maintenance as per RFP conditions.
- d) Installations of other supplied Networking items as per tender with its testing, making them operational, and maintenance as per RFP conditions.
- e) Ensure 24X7 service availability of High-Speed Network and supplied equipment under this contract as per SLA.
- f) Resume the responsibility of overall IT infrastructure of MPVS with overall network Operations, co-ordination and resolution activities.
- g) Ensure overall Support to MPVS for IT and Networking Infrastructure as per RFP
- h) Warranty and warranty support as per RFP conditions.
- i) VC
- j) Server and NMS

### **2. 24X7 support and technical manpower availability**

- a) Setting up helpdesk management system to resolve the problems related to supplied equipment's and overall network infrastructure in line with SLA as per RFP.
- b) Ensure availability of required manpower to maintain, troubleshoot and resolve the issues of 24X7 availability of High-Speed Network and services of supplied equipment as per SLA.

### **3. Network Topology**

The current and proposed network topology has been depicted. Bidders are advised to study it thoroughly and understand the network architecture planned to be implemented at MPVS.

Apart from existing rack rooms few new rack rooms are proposed. The civil, electrical and laying of underground Fiber and CAT6 cables has already been completed. The switches from old rack rooms will be replaced with installation, configuration and commissioning of new switches across MPVS. Similarly new rack rooms will also be equipped with newly supplied switches, Wi-Fi access points etc. The overall update in NOC room will also take place with new supplied switches and overall network will be tested and commissioned by bidder.

The overall responsibility of Network and supplied equipment as mentioned above will also be undertaken by the bidder with a support and helpdesk team which will ensure 24X7 availability of services in MPVS as per SLA.

## a) Present Network Topology

Existing LAN Core-Distribution-OFC Connectivity Diagram of Madhya Pradesh Vidhan Sabha Bhopal.

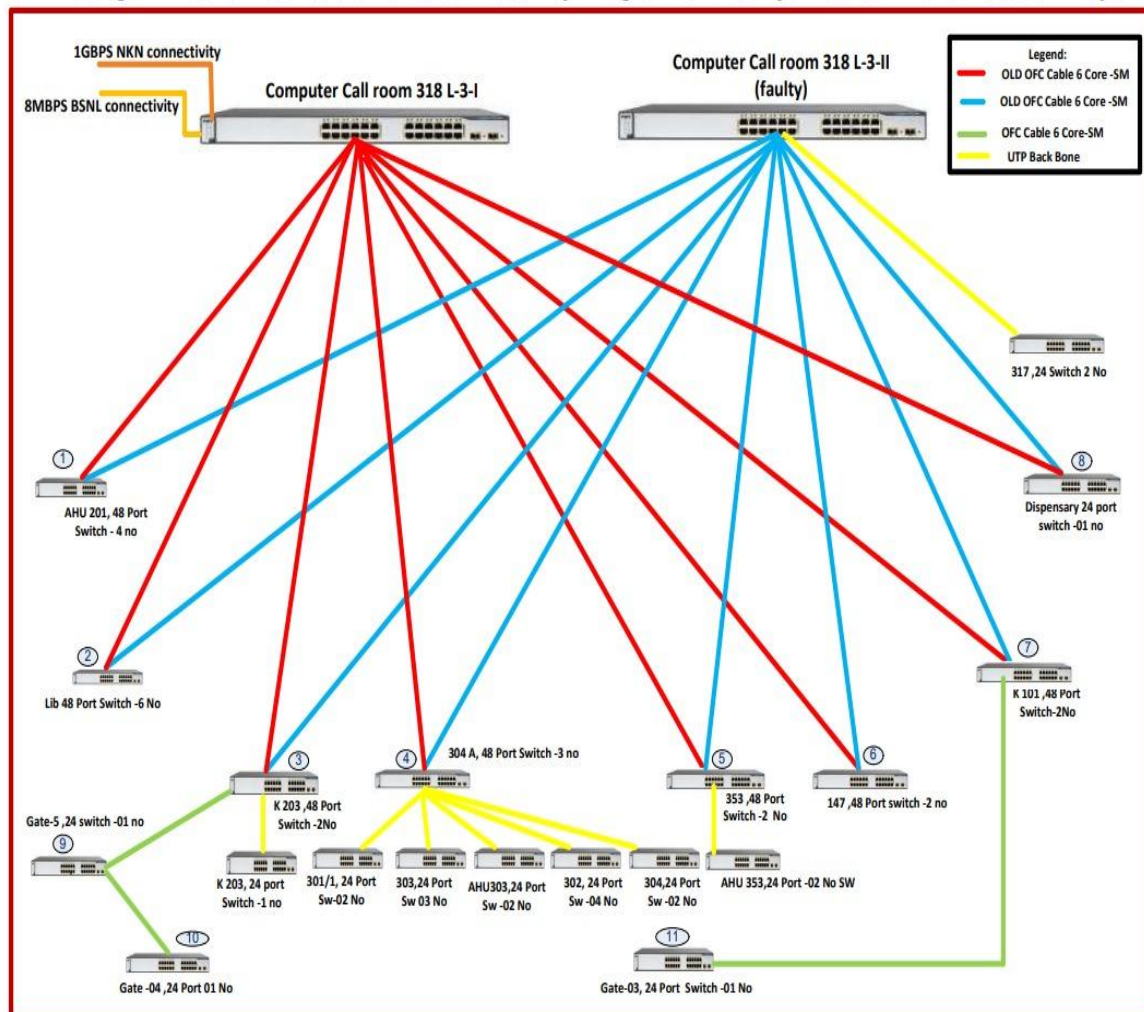


Figure 1: Existing LAN setup diagram of MP Vidhan Sabha

## b) Proposed Network Topology

### Proposed LAN Core-Distribution-OFC Connectivity Diagram of Madhya Pradesh Vidhan Sabha Bhopal

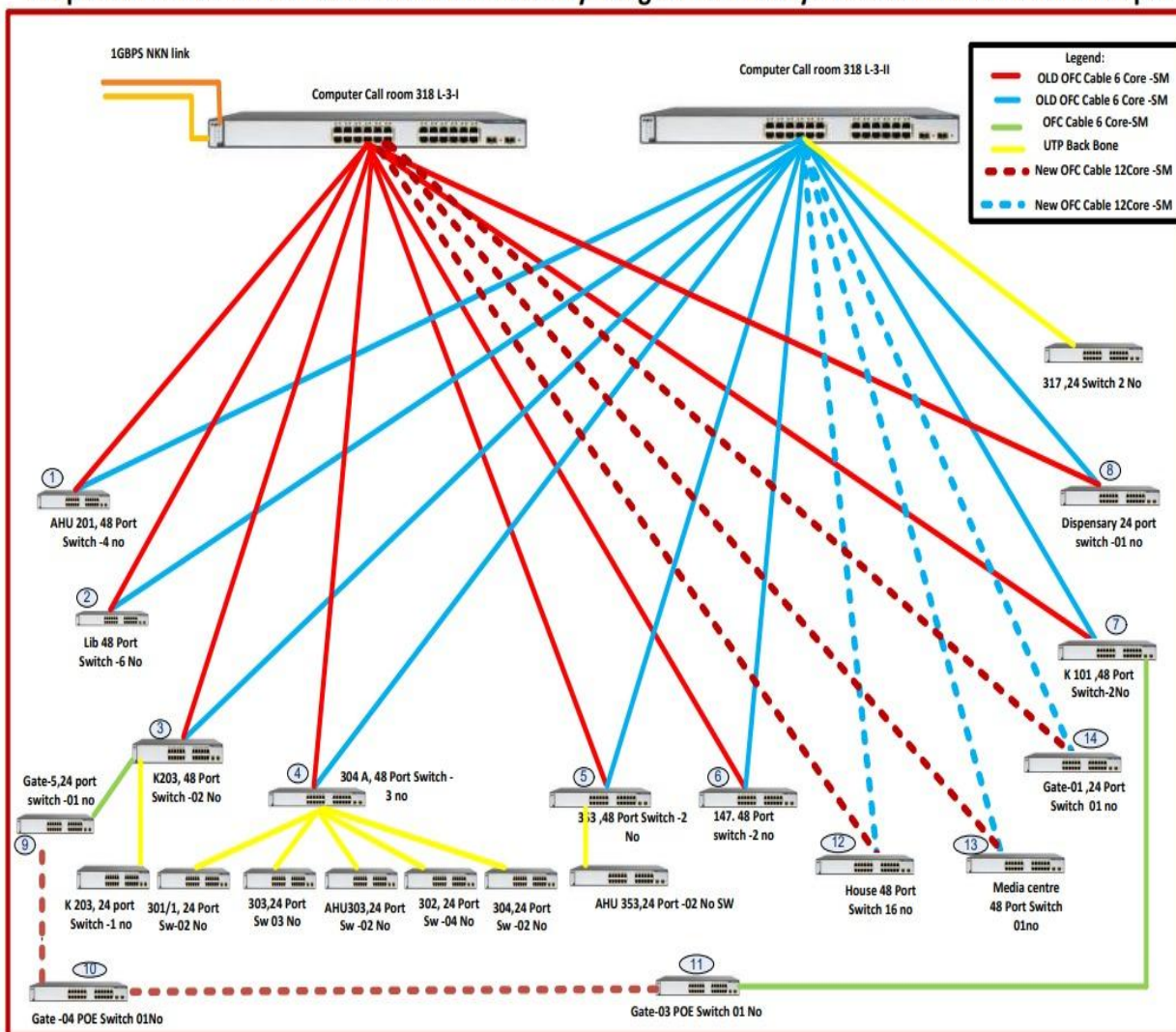


Figure 2: Proposed LAN setup diagram of MP Vidhan Sabha

## **Annexure GEN4:Indicative Educational Qualifications and Experience for Manpower**

**Bid No..... Dated: .....**

| No. | Resource Category                                       | Minimum Qualification  | Required Experience   |
|-----|---|--|---|
| 1.  | Project Manager   | <ul style="list-style-type: none"> <li>MBA/Post-graduate / equivalent degree with B.E./B.Tech. /MCA / M.Sc. (IT / CSE) from a recognized university with 5 years of experience</li> <li>Relevant certifications in networking</li> </ul>   | <ul style="list-style-type: none"> <li>Preferably in handling large scale implementation of LAN projects.</li> <li>Good communication and Interpersonal skills (English and Hindi)</li> <li>Strong analytical and numerical skills.</li> <li>Vendor management skills</li> </ul>  |
| 2.  | Sr. Network Admin                                       | <ul style="list-style-type: none"> <li>B.E./B.Tech. /MCA / M.Sc. (IT / CSE) from a recognized university with 4 years of experience or</li> <li>M.E. / M.Tech from a recognized university with 3 years of experience</li> <li>Relevant certifications in networking</li> <li>Good communication and Interpersonal skills (English and Hindi)</li> </ul> | <ul style="list-style-type: none"> <li>Good Knowledge of IP Network Devices and components (Router and Switches), IP Routing Protocol (OSPF and BGP), LAN Switching (STP, VTP), WAN (Modem, Leased Line, L2 Circuit, and Ethernet Circuits), Network Security, L2 &amp; L3 VPN, MPLS, Wi Fi and RF devices and components.</li> <li>Good IP Network design skill set.</li> <li>Knowledge of DDOS detection and mitigation solution.</li> <li>Strong analytical and numerical skills.</li> <li>Knowledge of OS (Windows and Linux).</li> <li>Call Management through Service Desk and vendor escalation.</li> <li>Monitoring and Report generation through Network Management System and other Monitoring Tools.</li> <li>Lead and Coordinate with the rest of team to meet the team objectives</li> <li>Perform other related duties as assigned</li> </ul> |
| 3.  | Network Admin / Sr. Network Operator cum Field Engineer | <ul style="list-style-type: none"> <li>B.E./B.Tech. /MCA / M.Sc. (IT / CSE)/ B.Sc/BCA or Higher from a recognized university with 3+ years of experience or</li> <li>M.E. / M.Tech from a recognized university with 2+ years of experience</li> </ul>   | <ul style="list-style-type: none"> <li>Good Knowledge of IP Network Devices and components (Router and Switches), IP Routing Protocol (OSPF and BGP), LAN Switching (STP, VTP), WAN (Modem, Leased Line, L2 Circuit, and Ethernet Circuits), Network Security, L2 &amp; L3 VPN, MPLS, Wi Fi and RF devices and components.</li> </ul>   |

| No. | Resource Category                   | Minimum Qualification  | Required Experience  |
|-----|-------------------------------------|--|--|
|     |                                     | <p>Or</p> <ul style="list-style-type: none"> <li>Diploma (3 Years) in Computers / Electronics / IT with minimum 4 years of experience</li> <li>Relevant certifications in networking</li> <li>Good communication and Interpersonal skills (English and Hindi)</li> </ul>   | <ul style="list-style-type: none"> <li>Good IP Network design skill set.</li> <li>Knowledge of DDOS detection and mitigation solution.</li> <li>Strong analytical and numerical skills.</li> <li>Knowledge of OS (Windows and Linux).</li> <li>Call Management through Service Desk and vendor escalation.</li> <li>Monitoring and Report generation through Network Management System and other Monitoring Tools.</li> <li>Lead and Coordinate with the rest of team to meet the team objectives</li> <li>Perform other related duties as assigned</li> </ul>   |
| 4.  | Network Operator cum Field Engineer | <ul style="list-style-type: none"> <li>B. Sc./BCA or higher / B.E./ B.Tech. /MCA / M.Sc. (IT / CSE) from a recognized university with 2 years of experience</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>Diploma (3 Years) in Computers / Electronics / IT with minimum 3 years of experience</li> <li>Good communication and Interpersonal skills (English and Hindi)</li> </ul> | <ul style="list-style-type: none"> <li>Basic Knowledge of IP Network Devices and components (Router and Switches), IP Routing Protocol (OSPF and BGP), LAN Switching (STP, VTP), WAN (Modem, Leased Line, L2 Circuit and Ethernet Circuits), Field level troubleshooting, Network Monitoring System, Email, L2 &amp; L3 VPN, Wi Fi and RF Communication and Network Security</li> <li>Strong analytical and numerical skills</li> <li>Basic Knowledge of OS (Windows and Linux)</li> <li>Call Management through Service Desk and vendor escalation</li> <li>Monitoring and Report generation through Network Management System and other Monitoring Tools</li> <li>Perform other related duties as assigned.</li> </ul> |

## **Annexure GEN5:Tentative list of phase wise requirement of Items**

**Bid No..... Dated: .....**

| <b>SN</b> | <b>Item</b>                                 | <b>Total Quantity</b> | <b>First Phase</b> | <b>Second Phase</b> |
|-----------|---|-----------------------|--------------------|---------------------|
| 1.        | Tablet devices with adaptor & Stand         | 275                   | 275                | --                  |
| 2.        | Touch Screen Devices (Tablet)               | 275                   | 240                | 35                  |
| 3.        | All in one PC                               | 97                    | 37                 | 60                  |
| 4.        | Laptop                                      | 15                    | 10                 | 5                   |
| 5.        | VC Studio System                            | 4                     | 4                  |                     |
| 6.        | All Active Networking Components @          | @                     | YES                | --                  |
| 7.        | Mid-Range Server with necessary accessories | 2                     | 2                  |                     |

### **Important points to be noted:**

- In this Project, Work Order for the various items will be placed in a phased manner during the validity period of the Tender as decided by the End User (MPVS). For each phase the requirements for items and their quantities will be decided by the End User (MPVS). NICS I will issue the Phase-wise Work Orders as per the request of the End User (MPVS) to the selected Bidder.
- MPVS/NICS I Reserve the right to Change the Quantity / can drop any particular item during the validity of BID as per requirement.
- All Active Network Components as per RFP are required in First Phase only

@ Please refer Annexure FQ2B- Table-B: Active Networking Items for quantity

## **Annexure PQ1: Bank Guarantee for Earnest Money Deposit**

**Bid No..... Dated: .....**

To,  
The Managing Director  
National Informatics Centre Services Inc. (NICS)  
New Delhi

Whereas <Name of the bidder> (hereinafter called 'the Bidder') has submitted the bid for Submission of RFP#BidNo.<BidNumber>dated<Date>for<Nameoftheassignment>(hereinaftercalled"theBid")

Know all Men by these presents that we <company name> having our office at <Address> (hereinafter called "the Bank") are bound unto NIC (hereinafter called "the Purchaser") in the sum of Rs. <Amount in figures> (Rupees <Amount in words> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <Date>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
  - (a) Withdraws his participation from the bid during the period of validity of bid document; or
  - (b) Fails or refuses to participate in the subsequent Tender process after having been shortlisted;

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

This guarantee will remain in force up to <insert date> and including <extra time over and above mandated in the RFP> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- I. Our liability under this Bank Guarantee shall not exceed Rs. <Amount in figures> (Rupees <Amount in words> only)
- II. This Bank Guarantee shall be valid up to <insert date>
- III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before <insert date> failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal: Date:

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## **Annexure PQ2: Eligibility Criteria Compliance Checklist**

**Bid No..... Dated: .....**

| Sr. No. | Check list item Description | Criteria   | Proof / Documents Required   | Compliance (Yes/No) | Section / Document Page No. |
|---------|-----------------------------|--|--|---------------------|-----------------------------|
| 1.      | Bidder company Registration | <p>The bidder should be either an OEM (or) a business partner / channel partner / system integrator /MSME / Firms.</p> <p>The bidder should be an Information Technology Company registered in India under the Indian Companies Act 1956/2013 or a partnership firm registered under the India Partnership Act 1932 and in operation for a period of at least 5 (Five) years as on the date of submission of this bid.</p> | <p>Copy of valid Certificate of Registration attested by Company Secretary / Authorized Signatory</p> <p><b>annexure PQ8</b></p>   |                     |                             |
| 2.      | Net worth and Profitability | The bidder ( <b>single bidder / all of the consortium partner</b> ) must have Positive Net Worth and must not have any Non-Performing Assets on its Balance Sheet during the last Five consecutive years as on 31st March 2025. For Year 2024-25 Certified and Authorized Provisional Balance sheet will also be accepted.   | Copy of certificate from Statutory Auditor / Chartered Accountant Details of Net Worth should be provided as per <b>Annexure PQ9: Turnover and Net-worth Certificate</b> |                     |                             |
| 3.      | GST Registration            | The bidder should be registered with the GST department of Government of India   | <p>Copy of:</p> <p>PAN Card of the bidder</p> <p>GSTN Registration Certificate of the bidder.</p> <p><b>Annexure PQ10A &amp; PQ10B</b></p>                               |                     |                             |
| 4.      | Entity                      | <p>The bidder should be a <b>single legal entity</b> / Individual organization.</p> <p><b>Or</b></p> <p>The bidder can be a <b>Consortium/Joint Venture</b></p>  | <p>Undertaking signed by authorized signatory</p> <p>In case of Consortium /Joint Venture, an Undertaking Format to accept all the obligations</p>                       |                     |                             |

| Sr. No. | Check list item Description | Criteria  | Proof / Documents Required   | Compliance (Yes/No) | Section / Document Page No. |
|---------|-----------------------------|---|--|---------------------|-----------------------------|
|         |                             | (up to 2 member only)   | and responsibilities by Prime / Lead partner.<br>Consortium Agreement on Rs.1000 Stamp paper to confirm that firm /companies are jointly participating in the bid and they assign all powers to Lead partner for this bid.<br>Power of attorney by consortium member in favor of the lead bidder to sign the documents, deal with customer unconditionally<br><br><b>Annexure PQ11</b> |                     |                             |
| 5.      | Valid Certification         | The Bidder must have valid (ISO 9001:2015 Or TL 9000 )& CMMI Level 3 Or CMMI-SVC Level 3 (SVC) Certification (or latest version). Certification.                                      | Copy of valid required certificates<br><br><b>Annexure PQ12</b>  |                     |                             |
| 6.      | Office Location             | The Bidder/Lead Bidder must have office in Bhopal<br><br>If Local office is not available in Bhopal, the bidder will set up an office in Bhopal, within 30 days of award of contract. | Undertaking signed by authorized signatory along with the address and phone numbers.<br><br>Or<br>Self-Certificate declaring that the bidder shall abide by this point<br><br><b>Annexure PQ13</b>   |                     |                             |
| 7.      | Power of Attorney           | Power of Attorney in the name of authorized signatory authorizing him for signing the bid documents or related clarifications on bid documents  | Power of Attorney in the name of authorized signatory as per <b>Annexure PQ5: Format for Power Attorney</b>  |                     |                             |

| Sr. No. | Check list item Description        | Criteria   | Proof / Documents Required  | Compliance (Yes/No) | Section / Document Page No. |
|---------|------------------------------------|--|---|---------------------|-----------------------------|
| 8.      | Debarred or Blacklisted            | The bidder ( <b>single bidder or any of the consortium partner</b> ) shall not be in the active debarred list or in active Blacklist: Published by Central Public Procurement Portal or, Procuring Ministry/ Department, PSU, centrally funded educational institutions / Central or State Govt. organizations   | Declaration-Cum-Undertaking regarding Debar / Blacklisting on Company's Letter Head as per Annexure <b>PQ14</b> : Declaration cum Undertaking regarding Debar / Blacklisting In case of Consortium and JV all the partners should separately submit the same annexure.                |                     |                             |
| 9.      | Bidder's Turnover                  | Average Annual Sales turnover of the bidder ( <b>single bidder or any of the consortium partner</b> ) shall not be less than Rs. 40 crores in any Three (03) consecutive Balance Sheets of Financial Years (FY) FY2021-22, FY2022-23, FY2023-24 and FY2024-25 from IT/ ITeS/ System integration Business. For Year 2024-25 Certified and Authorized Provisional Balance sheet will also be accepted. | CA Certificate with CA's Registration Copy of the audited profit and loss account of the company showing turnover of the company during last Three consecutive Financial Years. Details of turnover should be provided as per <b>Annexure PQ9: Turnover and Net-worth Certificate</b> |                     |                             |
| 10.     | Similar Experience – Project Value | The Bidder ( <b>single bidder or any of the consortium partner</b> ) should have successfully completed / Ongoing projects for Government / PSU/ Nationalized Bank / Large Enterprise in India during previous Financial Years- <b>One (01) project of value more than 15 Crores OR Two (02) projects of value more than 7.5 Crores each</b>   | Details of Project Value Delivered should be provided as per <b>Annexure PQ15: Work experience - Project Value</b>  |                     |                             |

| Sr. No. | Check list item Description       | Criteria   | Proof / Documents Required  | Compliance (Yes/No) | Section / Document Page No. |
|---------|-----------------------------------|--|---|---------------------|-----------------------------|
| 11.     | Similar Experience – Project Size | The Bidder ( <b>single bidder or any of the consortium partner</b> ) should have Technical Capability in executing & managing similar projects during previous Years. Minimum Project Size should be:<br>Single project having network of 1500 nodes<br>OR<br>SITC of over 500   | Details of Project Value Delivered should be provided as per <b>Annexure PQ16: Work Experience - Project Size</b> |                     |                             |
| 12.     | Human Capital Strength            | The bidder ( <b>single bidder or any of the consortium partner</b> ) must have at least <b>25 employees out of which at least 10 full-time technical</b> resources with relevant certifications in IT on its pay-roll in India for last 3 years.   | HR Declaration Certificate<br><b>Annexure PQ17</b>  |                     |                             |
| 13.     | Manufacturer Authorization        | Manufacturer Authorization:<br>The Bidder must be duly authorized by the respective OEMs by means of MAF (for <b>All Network Items only</b> ) for the following applicable items of this Tender:<br><br>✓ Item #12: Active Networking Items (All Items)<br><br>For these applicable items, the bidder should have direct authorization from the Original Equipment Manufacturer (OEM) for Supply, Installation, Testing & Commissioning (SITC) and supporting the items with compliance of technical Specification in this RFP | <b>Refer Annexure PQ18: Manufacturer Authorization Form (MAF) for All Network Items only</b>                      |                     |                             |

### **Annexure PQ3: Eligibility Criteria**

Bid No..... Dated: .....

#### **Annexure PQ 3A - Bidder Criteria**

| <b>SN</b> | <b>Criteria</b>   | <b>Document to be submitted</b>  |
|-----------|---|--|
| a)        | <p>a) The bidder should be either an OEM (or) a business partner / channel partner / system integrator/ Managed Service provider/ MSME / Firms.</p> <p>The bidder should be an Information Technology (IT/ITES) Company registered in India under the Indian Companies Act 1956/2013 or a partnership/ proprietorship firm registered under the India Partnership Act 1932 and in IT/ITES business in India for a period of at least 5 (Five) years as on the date of submission of this bid.</p>   | <p>Copy of valid Certificate of Registration attested by Company Secretary / Authorized Signatory</p> <p><b>In case of Consortium and JV all the partners should separately submit the same annexure as per annexure PQ8</b></p>   |
| b)        | <p>The bidder must have Positive Net Worth and must not have any Non-Performing Assets on its Balance Sheet during the last Five consecutive years as on 31st March 2025.</p> <p>For Year 2024-25 Certified and Authorized Provisional Balance sheet will also be accepted.</p>   | <p>Copy of the above documents to be submitted by each entity participating in this bid irrespective of lead bidder or consortium partners. Certificate from Statutory Auditor / Chartered Accountant Details of Net Worth should be provided as per <b>Annexure PQ9: Turnover and Net-worth Certificate</b></p> <p>This condition should be met by single bidder or any of the consortium partner</p> |
| c)        | <p>The bidder should be registered with the GST department of Government of India</p>   | <p>Copy of:<br/>PAN Card of the bidder<br/>GSTN Registration Certificate of the bidder.</p> <p><b>In case of Consortium and JV all the partners should separately submit the same annexure. Annexure PQ10A &amp; PQ10B</b></p>   |
| d)        | <p>The bidder should be a <b>single legal entity</b>/ Individual organization. <b>OR</b></p> <p>The bidder can be a <b>Consortium/Joint Venture</b></p> <ul style="list-style-type: none"> <li>• Consortium is allowed for execution of the project - <b>up to 2 members only</b></li> <li>• However, the <b>Lead Bidder</b> shall be single point of contact for all purposes and should submit declaration/ undertaking in this regard.</li> <li>• <b>Experience of the all-consortium partner should be at least 3 years in the same field.</b></li> </ul> | <p>Undertaking signed by authorized signatory-</p> <p>In case of Consortium/Joint Venture, an Undertaking Format to accept all the obligations and responsibilities by Prime/Lead partner.</p> <p><b>Annexure PQ11</b></p>   |

| SN | Criteria  | Document to be submitted  |
|----|---|---|
| e) | The Bidder must have valid (ISO 9001:2015 Or TL 9000) & CMMI Level 3 Or CMMI-SVC Level 3 (SVC) Certification (or latest version). <b>Certification.</b>   | Copy of valid ISO certificate & CMMI Level 3 Or CMMI-SVC Level 3 (SVC) Certification<br><b>Annexure PQ12</b><br><br>This condition should be met by single bidder or any of the consortium partner  |
| f) | <b>The Bidder must have office in Bhopal.</b><br><b>If Local office is not available in Bhopal, the bidder will set up an office in Bhopal, within 30 days of award of contract.</b>  | Undertaking signed by authorized signatory along with the address and phone numbers. <b>OR</b><br>Self-Certificate declaring by Lead bidder to abide by this point<br><b>Annexure PQ13</b>  |
| g) | <b>Power of Attorney</b> in the name of authorized signatory <b>OR</b> authorization through Valid Board Resolution, authorizing him for signing the bid documents / getting related clarifications on bid Documents.   | Power of Attorney in the name of authorized signatory as per <b>Annexure PQ5: Format for Power Attorney</b><br><br><b>In case of Consortium and JV all the partners should separately submit the same annexure</b>  |
| h) | The bidder shall not be in the active debarred list or active Blacklist: Published by Central Public Procurement Portal or, Procuring Ministry/ Department, PSU, centrally funded educational institutions / Central or State Govt. organizations   | Declaration-Cum-Undertaking regarding Debarring / Blacklisting on Company's Letter Head as per <b>Annexure PQ14:</b> Declaration cum Undertaking regarding Debarring / Blacklisting<br><br><b>In case of Consortium and JV all the partners should separately submit the same annexure.</b><br><br>The above documents to be submitted by each entity participating in this bid irrespective of lead bidder or consortium partners. |
| i) | <b>Turnover:</b><br>Average Annual Sales turnover of the bidder ( <b>single bidder or any of the consortium partner</b> ) shall not be less than Rs. 40 crores in any Three (03) consecutive Balance Sheets of Financial Years (FY) FY2021-22, FY2022-23, FY2023-24 and FY2024-25 from IT/ ITeS/ System integration. For Year 2024-25 Certified and Authorized Provisional Balance sheet will also be accepted. Business. | CA Certificate with CA's Registration<br>Copy of the audited profit and loss account of the company showing turnover of the company during last Three consecutive Financial Years. Details of turnover should be provided as per <b>Annexure PQ9: Turnover and Net-worth Certificate</b>  |
| j) | <b>Similar work Experience in terms of Project Value:</b> The Bidder/Lead Bidder should have  | Client certificate / Factory Acceptance Test (FAT) / Go-Live certificate/   |

| SN | Criteria  | Document to be submitted  |
|----|---|---|
|    | <p>successfully completed / Ongoing projects for Government / PSU/ Nationalized Bank / centrally funded educational institutions / Central or State Govt. organizations / Large public Enterprise Companies in India <b><i>During Previous Years-</i></b></p> <p>i. One (01) project of value more than 15 Crores<br/><b>OR</b><br/>ii. Two (02) projects of value more than 7.5 Crores each</p> <p><b>Above condition should be met by single bidder or any of the consortium partner.</b></p> <p><b>Definition of Similar work Experience / Project:</b> It means Works/Projects that covers Supply, Installation, Testing and Commissioning &amp; maintenance (SITC) of IT projects having Hardware / Networking (Active / Passive items) / Security of Network &amp; end-point components .</p> | <p>Purchase Orders / Work Order / PI / Relevant Client certificate / Factory Acceptance Test (FAT) / Go-Live certificate/ Purchase Orders / Work Order / PI / Relevant Contract with clear project cost and mandatory Client satisfactory performance certificate from competent authority with contact details, dates, project name, project details etc. of mentioned for validation along with Names, address and contact details of client(s) shall be uploaded .</p> <p>In case of Ongoing projects, the Bidder must submit evidence of payments received by them so far.</p> <p>Details of Project Value Delivered should be provided as per <b><i>Annexure PQ15: Work experience - Project Value</i></b></p> <p>This condition should be met by single bidder or any of the consortium partner.</p>            |
| k) | <p><b>Similar work Experience in terms of Project Size:</b> The Bidder should have Technical Capability in executing &amp; managing similar projects during Previous Years.</p> <p>Minimum Project Size should be:<br/>Single project having network of 1500 nodes<br/><b>OR</b><br/>SITC of over 500 Endpoints (Tablets / AIO systems / Laptops / PCs / Thin Clients)</p> <p><b>Note:</b> Network nodes may include Active and / or Passive networking components</p> <p><b>Above condition should be met by single bidder or any of the consortium partner</b></p>  | <p>Client certificate / Factory Acceptance Test (FAT) / Go-Live certificate / Purchase Orders / Work Order / PI / Relevant Contract and mandatory Client satisfactory performance certificate from competent authority with clear project size, contact details, dates, project name, project details etc. of mentioned for validation to be submitted .</p> <p>Documentary evidence for successful installation / execution / completion of the mentioned projects along with Names, address and contact details of client(s) shall be uploaded with the bid for verification. In case of Ongoing projects, the Bidder must submit evidence of payments received by them so far.</p> <p>Details of Project Value Delivered should be provided as per <b><i>Annexure PQ16: Work Experience - Project Size</i></b></p> |
| l) | <p><b>Human Capital Strength:</b> The bidder must have at least 25 employees out of which at least 10 full-time technical resources with relevant</p>   | <p>HR Declaration Certificate. <b><i>Annexure PQ17</i></b></p>  |

| SN | Criteria  | Document to be submitted   |
|----|---|--|
|    | <b>certifications in IT on its pay-roll in India for last 3 years.</b>  | This condition should be met by single bidder or any of the consortium partner.  |
| m) | <p><b>Manufacturer Authorization:</b><br/>The Bidder <b>must be duly authorized by the respective OEMs by means of MAF (All Network Items only)</b> for the following applicable items of this Tender:<br/>Item #12: Active Networking Items (All Items)</p> <p>For these Active Networking Items, the bidder should have direct authorization from the Original Equipment Manufacturer (OEM) for Supply, Installation, Testing &amp; Commissioning (SITC) and supporting the items. It is mandatory to submit Manufacturer's Authorization Form (MAF) from OEMs of these items with compliance of technical Specification in this RFP.</p> | <p><b>Refer Annexure PQ18: Manufacturer Authorization Form (MAF) for All Network Items only</b></p> <p><b>Complete the associated tables provided with the form.</b></p> <p><b>MAF from OEM is mandatory for All Network Items only.</b></p> |

### Annexure PQ 3B - OEM Criteria

| S. No. | OEM Criteria   | Complied (Yes/No) | Remarks |
|--------|--|-------------------|---------|
| a)     | Proposed OEM must be present in India for the <b>last 5 years</b> or more.   |                   |         |
| b)     | <p>Similar deployment in India – <b>OEM should</b> have deployed similar solutions and operational for a minimum of one year.</p> <p>OEM for the Networking equipment should have deployed the similar solutions with <b>minimum 1500 network nodes</b> and <b>minimum 50 nos. of Wi-Fi Access Points</b> successfully deployed and operational for a minimum of one year.</p> <p>Proof to be submitted in the form of Purchase orders/completion certificate from end customer, if asked.</p>   |                   |         |
| c)     | Products proposed in the bid should have been released and shipments commenced at least <b>12 months before date of bid</b> .  |                   |         |
| d)     | <p>OEM should provide an undertaking that the <b>proposed items are latest</b> and spares for these items will be available for a <b>period of 7 years from the date of bid submission</b>.</p> <p>In order to Facilitate the timely replacement of products/parts for <b>Madhya Pradesh Vidhan Sabha Bhopal</b>, <b>OEM</b> must have depot centers in India and should follow the SLA conditions as specified in this document. The penalty and accordingly the legitimate deduction due to lack of service from OEM will be charged to the bidder. Also, <b>OEM has to submit the undertaking in conformance of the SLA and other conditions as desired by NICS/MPVS</b>.</p> |                   |         |
| e)     | Commitment from OEM for supporting the product & Bidder during the warranty / AMC period will include the following:   |                   |         |

| S. No. | OEM Criteria   | Complied<br>(Yes/No) | Remarks |
|--------|--|----------------------|---------|
|        | i) Replacement of faulty parts, labor and onsite support to resolve issues reported by <b>the User</b> within the SLA.<br>ii) Resolving Technical issues in the Products.  |                      |         |
| f)     | OEM should have 24*7 TAC (Technical Assistance Centre) support based in India. OEM should provide direct TAC support to <b>the User</b> as and when required during the warranty period. OEM should confirm in their warranty letter that warranty support part codes considered by bidder includes direct 24/7 TAC support from OEM to <b>the User</b> .  |                      |         |
| g)     | OEM should participate via their authorized partners in this bid. MAF should be provided to the authorized partner(s) only and OEM should submit an undertaking that they will support <b>the User</b> directly or via another partner, if the bidder fails to fulfil their contractual obligations with respect to support during warranty or AMC period. <b>Refer Annexure PQ18: Manufacturer Authorization Form (MAF)</b> (For <b>All Network</b> only) |                      |         |
| h)     | All active networking components (Network switches, Wireless Access Points, Wireless controller, etc.) must be from the same OEM.  |                      |         |
| i)     | OEM through SI / bidder has to submit “unpriced part coded bill of material” for complete BoQ offered along with technical compliances on OEM letterhead.  |                      |         |
| j)     | OEM TURNOVER   |                      |         |

## **Annexure PQ4: Eligibility Criteria Bid Cover Letter**

**Bid No.....Dated: .....**

To,  
TheManagingDirector  
National Informatics Centre Services Inc. (NICS)  
NewDelhi

### **Sub: Submission of the response to the afore-mentioned Bid No.**

Dear Sir,

Inresponseto afore-mentioned BidNo.,weherebysubmitour offerherewith.

1. Bidder Name : \_\_\_\_\_
2. WebsiteAddress : \_\_\_\_\_
3. EmailAddress : \_\_\_\_\_
4. Addressfor Communication : \_\_\_\_\_  
\_\_\_\_\_
- 5.TelephoneNumber : \_\_\_\_\_
- 6.Fax/TelefaxNumber : \_\_\_\_\_
- 7.AuthorizedPerson-Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
MobileNo : \_\_\_\_\_  
EmailID : \_\_\_\_\_
- 8.AlternatePersonName : \_\_\_\_\_  
Designation : \_\_\_\_\_  
MobileNo. : \_\_\_\_\_  
EmailID : \_\_\_\_\_
- 9.PANNumber : \_\_\_\_\_
- 10.GSTRegn.. No.withAddress : \_\_\_\_\_
11. Beneficiary'scompleteBankDetails.  
BankAccount No. : \_\_\_\_\_  
IFSC/NEFTCode : \_\_\_\_\_  
NameoftheBank : \_\_\_\_\_  
AddressoftheBranch : \_\_\_\_\_
12. Particulars of EMD  
Amount :Rs. \_\_\_\_\_

Mode of Payment (DD/BG) : \_\_\_\_\_  
: \_\_\_\_\_

DD/BG No.

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

Name of the Bank : \_\_\_\_\_

Address of the Bank : \_\_\_\_\_

Validity of BG : \_\_\_\_\_

13. Particulars of Tender Fee

Amount : Rs. \_\_\_\_\_

DD No. : \_\_\_\_\_

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

Name of the Bank : \_\_\_\_\_

Address of the Bank : \_\_\_\_\_

14. Following Documents are submitted to substantiate other eligibility criteria.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- iii) \_\_\_\_\_

**DECLARATION**

1. We have read and understood the terms & conditions of the above-mentioned tender and comply with all the Terms & Conditions of the Tender.

(In case of any deviation, the Bidder must attach a separate sheet for each product clearly mentioning the Clause No. of the Tender and Deviation thereto)

2. We certify that the information mentioned above are true and correct to best of our knowledge.

Place:

Signature of Authorized Signatory with Seal

Date:

Name:

Designation:

## **Annexure PQ5: Format for Power Attorney**

(executed in favor of the Authorized Signatory)

Bid No..... Dated: .....

It is clarified that the Bidder may submit the Power of Attorney in their own format clearly stating that the person is authorized to sign on behalf of the bidder. It is also clarified that the "Letter of Authorization" is to be read as "Power of Attorney".

[To be executed on stamp paper of appropriate value]

Know all men by these presents, We, [Insert full legal name of the bidding entity], having registered office at [Insert registered office address] (hereinafter referred to as the "Principal") do hereby constitute, nominate, appoint and authorize [Insert full name of authorized signatory] son of [Insert father's name] presently residing at [Insert address of authorized signatory] who is presently employed with us and holding the position of [Insert position/ designation of the authorized signatory] as our true and lawful attorney (hereinafter referred to as the "Authorized Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to the submission of our proposal in response to the Bid Number \_\_\_\_\_ for '<RFP Name>', including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre-Bid and other conferences and providing information/ responses to the RFP, signing and execution of all contracts and undertakings/ declarations consequent to acceptance of our Proposal and generally dealing with the RFP in all matters in connection with or relating to or arising out of our Proposal for the said assignment and/or upon award thereof till the execution of appropriate Agreement/s with the authority

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused \_\_\_\_\_ to \_\_\_\_\_ be done by our said Authorized Attorney pursuant to and in exercise of the powers conferred by this deed of Power of Attorney and that all acts, deeds and things done by our said Authorized Attorney in exercise of the powers hereby conferred shall always be deemed to have been done by us.

IN WITNESS THEREOF WE, \_\_\_\_\_ THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF \_\_\_\_\_, 2023

For \_\_\_\_\_

(Signature, name, designation and address)

[Please put company seal if required] [Notarize the signatures]

Witness 1:

Witness 2:

Name: Designation: Address:

Name: Designation: Address:

Signature:

Signature:

Signature:

Signature:

## **Annexure PQ6: Bidder's Profile**

**Bid No..... Dated: .....**

| BidderDetails |   |                           |                            |                    |                    |
|---------------|---|---------------------------|----------------------------|--------------------|--------------------|
| 1.            | Nameof thebiddingCompany                  |                           |                            |                    |                    |
| 1.1.          | RegisteredOfficeAddress                   |                           |                            |                    |                    |
| 1.2.          | AddressofOffice(s)                        |                           |                            |                    |                    |
| 2.            | IncorporationStatusof thefirm             | <b>Public<br/>Limited</b> | <b>Private<br/>Limited</b> | <b>Partnership</b> | <b>Proprietary</b> |
| 2.1.          | Enter" <b>Yes</b> "inappropriatebox       |                           |                            |                    |                    |
| 2.2.          | YearofEstablishment                       |                           |                            |                    |                    |
| 2.3.          | DateofIncorporation                       |                           |                            |                    |                    |
| 3.            | ROCReferenceNo                            |                           |                            |                    |                    |
| 4.            | RegistrationNumber                        |                           |                            |                    |                    |
| 5.            | PANNumber                                 |                           |                            |                    |                    |
| 6.            | DateofCommencement ofBusiness             |                           |                            |                    |                    |
| 7.            | GSTIN                                     |                           |                            |                    |                    |
| 8.            | DetailsofContact Person                   |                           |                            |                    |                    |
| 8.1.          | Name                                      |                           |                            |                    |                    |
| 8.2.          | Address                                   |                           |                            |                    |                    |
| 8.3.          | E-mailid                                  |                           |                            |                    |                    |
| 8.4.          | PhoneNumber                               |                           |                            |                    |                    |
| 8.5.          | MobileNumber                              |                           |                            |                    |                    |
| 9.            | Name&DesignationofAuthorizedSignato<br>ry |                           |                            |                    |                    |

**Annexure PQ7: Signed Tender Document with all Corrigendum's**

**Bid No..... Dated: .....**

**Annexure PQ8: Company Incorporation or Registration Certificate**

**Bid No..... Dated: .....**

## **Annexure PQ9: Turnover and Net-worth Certificate**

**Bid No..... Dated: .....**

### **On Letterhead of Chartered Accountant**

LETTER HEAD OF CA

containing

CA & CA FIRM NAME, ADDRESS, CONTACT NUMBER & EMAIL

### **TO WHOM SO EVER IT MAY CONCERN**

As per the books of accounts and other relevant document of (NAME OF COMPANY) ...  
..... having its registered office (REGISTERED COMPANY ADDRESS)  
....., I ( NAME OF CHARTERED ACCOUNTANT)  
..... Chartered accountant membership number (XXXXX) hereby certify  
that the gross turnover of company in IT/ITES business for managing similar type of Project as  
desired for any Three (03) consecutive Balance Sheets of Given Financial Years and net worth of  
company in IT/ITES business for managing similar type of Project as desired for any Three (03)  
consecutive Balance Sheets of given Financial Years are as under:-

| SN | Financial Year         | Turnover during the financial year |
|----|------------------------|------------------------------------|
| 1  | Financial Year 2021-22 |                                    |
| 2  | Financial Year 2022-23 |                                    |
| 3  | Financial Year 2023-24 |                                    |
| 4  | Financial Year 2024-25 |                                    |
|    | <b>Yearly Average</b>  |                                    |

| SN | Financial Year         | Net worth during the financial year |
|----|------------------------|-------------------------------------|
| 1  | Financial Year 2020-21 |                                     |
| 2  | Financial Year 2021-22 |                                     |
| 3  | Financial Year 2022-23 |                                     |
| 4  | Financial Year 2023-24 |                                     |
| 5  | Financial Year 2024-25 |                                     |

Place -

CA Seal & signature

Date -

CA Membership Number-

UDIN -

Firm Registration Number-

**Annexure PQ10A: Company PAN Copy**  
Bid No..... Dated: .....

**Annexure PQ10B: Company GST Certificate**  
Bid No..... Dated: .....

**Annexure PQ11: Entity Documents (single legal entity)**  
Bid No..... Dated: .....

**Annexure PQ12: ISO 9001& CMMI Level 3/ CMMI-SVC Level 3 Certificate**

Bid No..... Dated: .....

**Annexure PQ13: Undertaking for Office at Bhopal**  
Bid No..... Dated: .....

**Annexure PQ14: Declaration cum Undertaking regarding Debarred  
and Blacklisted**

**Bid No..... Dated: .....**

*(To be submitted on the Letterhead of the responding agency)*

To,  
The Managing Director  
National Informatics Centre Services Inc. (NICS)  
New Delhi

**Sub: Self Declaration cum Undertaking regarding not in Blacklisting and Debarred Listing**

Dear Sir,

We confirm that our company is neither in active blacklist nor active debar list in any manner whatsoever by any of the State/UT and/or Central Government or corporations /PSUs in India on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as on date <date>.

In case the above information is found false we are fully aware that the tender / contract will be rejected / cancelled by NICS and Bid Securing Declaration Form as per **Annexure PQ22: Bid Securing Declaration Form** will be executed. In addition to the above NICS will not be responsible to pay the bills for any completed / partially completed work, if Tender was allotted.

Place:

Date:

Bidder's Company Seal: Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

## **Annexure PQ15: Work experience - Project Value**

**Bid No..... Dated: .....**

Bidder has to submit the information of such projects (completed / Ongoing projects for Government / PSU/ Nationalized Bank / Large Enterprise in India during previous Financial Years) in given format. Purchase Orders / Work Order / PI / Relevant Contract with clear project value to be submitted along with the Completion / FAT / Go- live Certificate. Copy of such Purchase Orders / Work Order / PI / Relevant Contract will also be submitted along with this certificate in compliance to the eligibility Criteria as specified in Item J of Annexure PQ3: Eligibility Criteria

| SN | Financial Year | Name of Project | Client's Name & details | Project Contract Value (in Rs) | Project Status completed / Ongoing | Brief scope of Project (in 100 words only) |
|----|----------------|-----------------|-------------------------|--------------------------------|------------------------------------|--|
|    |                |                 |                         |                                |                                    |  |
|    |                |                 |                         |                                |                                    |  |
|    |                |                 |                         |                                |                                    |  |
|    |                |                 |                         |                                |                                    |  |
|    |                |                 |                         |                                |                                    |  |
|    |                |                 |                         |                                |                                    |  |

**Enclosure- chronological arranged Purchase Orders / Work Order / PI / Relevant Contract with clear project value as mentioned in table**

[Place]

[Bidders Seal and Signature]

[Date]

### **Annexure PQ16: Work Experience - Project Size**

**Bid No..... Dated: .....**

Bidder has to submit Technical Capability to execute & manage similar size projects for Government / PSU/ Nationalized Bank / Large Enterprise in India during previous Financial Years) in given format. Purchase Orders / Work Order / PI / Relevant Contract with clear project value to be submitted along with the Completion / FAT / Go- live Certificate. Copy of such Purchase Orders / Work Order / PI / Relevant Contract will also be submitted along with this certificate in compliance to the eligibility Criteria as specified in Item K of Annexure PQ3: Eligibility Criteria

| SN | Financial Year | Name of Project | Client's Name & details | Project Contract Size (in Rs) | Project Status completed / Ongoing | Scope of Project (in 100 words only) |
|----|----------------|-----------------|-------------------------|-------------------------------|------------------------------------|--------------------------------------|
| 1  |                |                 |                         |                               |                                    |                                      |
| 2  |                |                 |                         |                               |                                    |                                      |
| 3  |                |                 |                         |                               |                                    |                                      |
| 4  |                |                 |                         |                               |                                    |                                      |
| 5  |                |                 |                         |                               |                                    |                                      |
|    |                |                 |                         |                               |                                    |                                      |

**Enclosure- chronological arranged Purchase Orders / Work Order / PI / Relevant Contract with clear project size as mentioned in table**

[Place]

[Bidders Seal and Signature]

[Date]

### **Annexure PQ17: Company HR Declaration**

**Bid No..... Dated: .....**

**(No Specific Format)**

## **Annexure PQ18: Manufacturer Authorization Form (MAF)**

**Bid No. .... Dated: .....**

- This form must be provided by the OEMs of the products being quoted by the bidder

To,

**The Managing Director  
National Informatics Centre Services Inc. (NICS)  
New Delhi**

**Subject: OEM Authorization Letter for ..... project**

Dear Sir,

We, <name and address of the manufacturer> who are established and reputed manufacturer of items mentioned below having factories at <addresses of manufacturing locations> do hereby authorize <name of the bidders> to bid, negotiate and conclude the contract with you against the above-mentioned tender for the below equipment manufactured by us.

| Item | Name of OEM and Brand/Make | Model No. |
|------|----------------------------|-----------|
|      |                            |           |
|      |                            |           |

| Item Name:    |             |                     |
|---------------|-------------|---------------------|
| Specification | Requirement | Compliance (Yes/No) |
|               |             |                     |
|               |             |                     |

We hereby extend our full guarantee and warranty as per the RFP Conditions for the goods offered for supply and installation against this RFP offered by the above Bidder. We also declare to provide direct on-site unconditional technical support by our team during installation and commissioning as per RFP terms.

We, as OEM, assure that we will support **the User** directly or via another partner, if the bidder fails to fulfil their contractual obligations with respect to support during warranty or AMC period.

Yours faithfully,  
Signature  
(For and on behalf of M/s <Name of the OEM>)  
Name Designation

Date

Stamp

**Note:** This letter of authority should be on the letterhead of the manufacturer and should be signed by the person having the power of attorney to bind the manufacturer.

**Annexure PQ19: Project Approach and Methodology**

Bid No..... Dated: .....

**(No Specific Format)**

**Annexure PQ20: Conflict of Interest (Company Letter head)**

Bid No..... Dated: .....

To,

**The Managing Director**

**National Informatics Centre Services Inc. (NICSI) New Delhi**

**Sub: Undertaking on Conflict of Interest on afore-mentioned Bid No.**

**Dear Sir,**

I / We do hereby undertake that there is absence of, actual or potential conflict of interest on the part of the bidder or any Consortium Partner due to prior, current, or proposed contracts, engagements, or affiliations with this project as defined in RFP as whole and specially for section 1.10 - conflict of Interest.

I / We also confirm that there are no potential elements (timeframe for service delivery, resource, financial or any other reason) that would adversely impact our ability to complete the requirements as given in the RFP

We undertake and agree to indemnify and hold site readiness for \_\_\_\_\_ the scope of work by Managing Director, NICSI, New Delhi and/ or its representatives, if any such conflict arises later.

Yours sincerely,

Authorized Signature [In full and initials]

Name and Title of Signatory

Name of Firm

Address

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

Location: \_\_\_\_\_

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

**Annexure PQ21: Format for Self-Certification by the Manufacturer / Supplier**

**Bid No..... Dated: .....**

**(For Local Content (LC) – To Be Executed On Rs.100 Stamp Paper)**

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

I, \_\_\_\_\_  
\_\_\_\_\_,

S/o., D/o., W/o  
Resident of

do hereby solemnly affirm and declare as under:

That I agree to abide by the terms and conditions of the policy of < name of the Ministry / Department>, Government of India issued vide Notification No. \_\_\_\_\_ dated \_\_\_\_\_.

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring authority or any authority so nominated by the < name of the Ministry / Department>, Government of India for the purpose of assessing the local content.

That the local content for all inputs which constitute the \_\_\_\_\_ products has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the local content of the product mentioned herein is found to be incorrect and not meeting the prescribed local content norms, based on the assessment of an authority so nominated by the < name of the Ministry / Department>, Government of India for the purpose of assessing the local content, <name of the firm / entity> will be disqualified from any Government tender for a period up to two years. In addition, <name of the firm / entity> will bear all costs of such an assessment.

That I \_\_\_\_\_ have complied with all conditions referred to in the Notification no. \_\_\_\_\_ dated \_\_\_\_\_, wherein preference to domestically manufactured products in Government procurement is provided and the procuring authority is hereby authorized to forfeit and adjust our EMD and other security amount towards such assessment cost and <name of the firm / entity> undertake to pay the balance, if any, forthwith.

<name of the firm / entity> agrees to maintain the following information in its record for a period of 8 years and shall make this available for verification to any statutory authorities. Further I am submitting the following details:

- i. Name and details of the Domestic Manufacturer / Bidder / Local Supplier (Registered office, Manufacturing unit, location, nature of legal entity):
- ii. Date on which this certificate is issued:
- iii. Product for which the certificate is produced:
- iv. Procuring agency to whom the certificate is furnished:
- v. Percentage of local content claimed and whether it meets the threshold value of local content prescribed:
- vi. Name and contact details of the unit of the manufacturer(s):
- vii. Net Selling Price of the product:
- viii. Ex-Factory Price of the product:
- ix. Freight, Insurance and handling:

- x.* Total Bill of Materials:
- xi.* List and total cost value of inputs used for manufacture of the product:
- xii.* List and total cost of inputs which are locally sourced. Please attach local content certificates from suppliers, if the input is not in-house.
- xiii.* List of cost of inputs which are imported, directly or indirectly. Please give landed cost at Indian port with break-up of CIF value, duties & taxes, port handling charges and inland freight cost.

For and on behalf of \_\_\_\_\_ <Name of the officer> \_\_\_\_\_

## **Annexure PQ22: Bid Securing Declaration Form**

**Bid No..... Dated: .....**

To,

The Managing Director  
National Informatics Centre Services Inc. (NICSI)  
New Delhi

I/We, the undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

We accept that we may be disqualified from bidding for any contract with you for a period of one year from the date of notification if we are in a breach of any obligation under the bid conditions, because we

- a) have withdrawn from / modified / amended the tender, or we impair or derogate the tender, during the period of bid validity; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security.

We understand this **Bid Securing Declaration** shall cease to be valid if we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the Successful Bidder; or (ii) thirty days after the expiration of the validity of our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for and on behalf of (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture / Consortium, the **Bid Securing Declaration** must be in the name of all partners)

## **Annexure PQ23: Form for Undertaking of Total Responsibility**

**Bid No..... Dated: .....**

To,  
TheManagingDirector  
National Informatics Centre Services Inc. (NICSI)  
NewDelhi

### **Sub:SelfcertificateregardingTotalResponsibility**

Dear Sir,

This is to certify that we undertake total responsibility for the successful and defect free operation of theproposed Project, as per the requirements and terms and conditions of the aforementioned RFP for Design, Supply, Installation,Testing and Commissioning of LAN network setup with IT Infrastructure and Active Networking components at Madhya Pradesh VidhanSabha, Bhopal

Thankingyou,  
Yoursfaithfully

(SignatureoftheAuthorizedsignatoryoftheBiddingOrganization) Name :

Designation :

Date :

Seal :

BusinessAddress :

### **Annexure PQ24: Deviations**

**Bid No..... Dated: .....**

| <b>S. No.</b> | <b>Deviation</b> | <b>Material</b> | <b>Non- Material</b> | <b>Impacted Deliverable(s)</b>                             | <b>Impacted Timeline(s)</b>                | <b>Financial Impact</b> |
|---------------|------------------|-----------------|----------------------|--|--|-------------------------|
| 1             |                  | <Yes / No>      | <Yes / No>           | <Name(s) of Deliverables to get affected by the Deviation> | <Effect on Timelines due to the Deviation> | <Value>                 |

**Annexure PQ25: Undertaking of Service Level Compliance**

**Bid No..... Dated: .....**

To,  
TheManagingDirector  
NationalInformaticsCentreServicesInc.(NICSI)NewDelhi

Bid No..... Dated:.....

Dear Sir,

Sub:UndertakingonServiceLevelCompliance

I/We as Implementing Agency do hereby undertake that we shall monitor, maintain, and comply with theservicelevelsstatedintheRFPtoprovide qualityserviceto NIC /NICSI / User.

However, if the proposed resources and ICT components are found to be insufficient in meeting the RFPand / or the service level requirements mentioned in the RFP, then we will augment the same without any additionalcostto NIC / NICSI / User <User Name>.

Yoursfaithfully,

(SignatureoftheAuthorizedsignatoryoftheBiddingOrganization)Name:Designation :

Date :

Seal :

Business Address :

**Annexure PQ26: Undertaking for Local Content Calculation Shee**

**Bid No..... Dated: .....**

## **Annexure PQ27: Full document Checklist for completeness of bid submission**

**Bid No..... Dated: .....**

| SN | STEP                        | Annexure/ Document Name  | Submission purpose | Entity Submitted Lead/ Consortium Partner / Both | Page number | Compliance (Yes/No) |
|----|-----------------------------|--|--------------------|--|-------------|---------------------|
| 1  | <b>EMD / Bid Security</b>   | Annexure PQ1: Bank Guarantee for Earnest Money Deposit                         | Evaluation         |  |             |                     |
| 2  | <b>Eligibility Criteria</b> | Annexure PQ2: Eligibility Criteria Compliance Checklist                        | Evaluation         |  |             |                     |
|    |                             | Annexure PQ3: Eligibility Criteria   | Evaluation         |  |             |                     |
|    |                             | Annexure - PQ 3A - Bidder Criteria   | Evaluation         |  |             |                     |
|    |                             | Annexure - PQ 3B - OEM Criteria  | Evaluation         |  |             |                     |
|    |                             | Annexure PQ4: Eligibility Criteria Bid Cover Letter                            | Bid Completion     |  |             |                     |
|    |                             | Annexure PQ5: Format for Power Attorney  | Evaluation         |  |             |                     |
|    |                             | Annexure PQ6: Bidder's Profile   | Bid Completion     |  |             |                     |
|    |                             | Annexure PQ7: Signed Tender Document with all Corrigendum                      | Bid Completion     |  |             |                     |
|    |                             | Annexure PQ8: Company Incorporation or Registration Certificate                | Evaluation         |  |             |                     |
|    |                             | Annexure PQ9: Turnover and Net-worth Certificate                               | Evaluation         |  |             |                     |
|    |                             | Annexure PQ10A: Company PAN Copy   | Evaluation         |  |             |                     |
|    |                             | Annexure PQ10B: Company GST Certificate  | Evaluation         |  |             |                     |
|    |                             | Annexure PQ11: Entity Documents (single legal entity)                          | Evaluation         |  |             |                     |
|    |                             | Annexure PQ12: ISO 9001 & CMMI Level 3 / CMMI-SVC Level 3 Certificate          | Evaluation         |  |             |                     |
|    |                             | Annexure PQ13: Undertaking for Office at Bhopal                                | Evaluation         |  |             |                     |
|    |                             | Annexure PQ14: Declaration cum Undertaking regarding Debarred and Blacklisting | Evaluation         |  |             |                     |
|    |                             | Annexure PQ15: Work experience - Project Value                                 | Evaluation         |  |             |                     |
|    |                             | Annexure PQ16: Work Experience - Project Size                                  | Evaluation         |  |             |                     |
|    |                             | Annexure PQ17: Company HR Declaration  | Evaluation         |  |             |                     |
|    |                             | Annexure PQ18: Manufacturer Authorization Form (MAF)                           | Evaluation         |  |             |                     |
|    |                             | Annexure PQ19: Project Approach and Methodology                                | Bid Completion     |  |             |                     |
|    |                             | Annexure PQ20: Conflict of Interest (Company Letter head)                      | Bid Completion     |  |             |                     |

| SN | STEP                  | Annexure/ Document Name   | Submission purpose | Entity Submitted Lead/ Consortium Partner / Both | Page number | Compliance (Yes/No) |
|----|-----------------------|---|--------------------|--|-------------|---------------------|
|    |                       | Annexure PQ21: Format for Self-Certification by the Manufacturer / Supplier | Evaluation         |  |             |                     |
|    |                       | Annexure PQ22: Bid Securing Declaration Form                                | Bid Completion     |  |             |                     |
|    |                       | Annexure PQ23: Form for Undertaking of Total Responsibility                 | Bid Completion     |  |             |                     |
|    |                       | Annexure PQ24: Deviations   | Bid Completion     |  |             |                     |
|    |                       | Annexure PQ25: Undertaking of Service Level Compliance                      | Bid Completion     |  |             |                     |
|    |                       | Annexure PQ26: Undertaking for Local Content Calculation Sheet              | Bid Completion     |  |             |                     |
|    |                       | Annexure PQ27: Full document Checklist for completeness of bid submission   | Evaluation         |  |             |                     |
| 3  | <b>Technical Bid</b>  | Annexure TQ1: Technical Evaluation Criteria                                 | Evaluation         |  |             |                     |
|    |                       | Annexure-TQ1A- Technical Strength of the Bidder                             | Evaluation         |  |             |                     |
|    |                       | Annexure-TQ1B- Technical Compliance of the Bid                              | Evaluation         |  |             |                     |
|    |                       | Annexure TQ2: Product Technical Brochure                                    | Evaluation         |  |             |                     |
|    |                       | Annexure TQ3: Technical Specification Compliance Form                       | Evaluation         |  |             |                     |
| 4  | <b>Commercial Bid</b> | Annexure FQ1: Commercial Bid Letter (Company Letter head)                   | Evaluation         |  |             |                     |
|    |                       | Annexure FQ2: Commercial Bid  | Evaluation         |  |             |                     |
|    |                       | Annexure FQ2A - Table-A: IT Infrastructure (Other than Networking Items)    | Evaluation         |  |             |                     |
|    |                       | Annexure FQ2B- Table-B: Active Networking Items                             | Evaluation         |  |             |                     |
|    |                       | Annexure FQ2C Table-C: Manpower   | Evaluation         |  |             |                     |

## **Annexure TQ1: Technical Evaluation Criteria**

**Bid No..... Dated: .....**

### **Annexure-TQ1A- Technical Strength of the Bidder**

**(Condition should be met by single bidder or any of the consortium partner**

| S.No. | Parameter                          | Evaluation Criteria  | Description   | Max. Marks | Supporting Documents  |
|-------|------------------------------------|--|---|------------|---|
| a)    | Financial Strength - Turnover      | Average Annual Sales turnover of the bidder in the last 3 consecutive audited financial years FY 2021-22, FY 2022-23, FY 2023-24 and For Year 2024-25 Certified and Authorized Provisional Balance sheet will also be accepted.  | Average Turnover (per year)<br>>= 40 Crores & <= 45 Crores- 15 Marks<br>>45 Crores and <= 60 Crores- 20 Marks<br>>60 Crores - 25 Marks  | 25         | Details of turnover submitted as per Annexure PQ9: Turnover and Net-worth Certificate           |
| b)    | Similar Experience - Project value | The Bidder should have successfully completed / Ongoing projects for Government / PSU/ Nationalized Bank / Large Enterprise in India during previous Years - either <ul style="list-style-type: none"> <li>One (01) project of value more than 15 Crores</li> <li>OR</li> <li>Two (02) projects of value more than 7.5 Crores each</li> </ul>          | One (01) project of value more than 15 Crores or Two (02) projects of value more than 7.5 Crores each –15 Marks<br><br>One (01) project of value more than 25 Crores or Two (02) projects of value more than 12.5 Crores each –20 Marks<br><br>One (01) project of value more than 40 Crores or Two (02) projects of value more than 20 Crores each –25 Marks | 25         | Details of Project Value submitted as per Annexure PQ15: Work experience - Project <i>Value</i> |
| c)    | Similar Experience Project Size    | The Bidder should have Technical Capability in executing & managing similar projects during previous Years.<br><br>Minimum Project Size should be: <ul style="list-style-type: none"> <li>Single project having network of 1500 nodes</li> <li>OR</li> <li>SITC of over 500 Endpoints (Tablets / AIO systems / Laptops / PCs/ Thin Clients)</li> </ul> | Total Number of Network PoP / LAN Setup / IT Network implemented / SITC of Endpoints in last 5 years (Work order copy to be submitted)<br>a) Single project having network of 1500 nodes<br>OR<br>SITC of over 500 Endpoints (Tablets / AIO systems / Laptops / PCs/ Thin Clients) – 20 marks<br><br>b) Single project having                                 | 30         | Details of Project Size submitted as per <i>Annexure PQ16: Work experience - Project Size</i>   |

| S.No.              | Parameter                | Evaluation Criteria  | Description   | Max. Marks | Supporting Documents   |
|--------------------|--------------------------|--|---|------------|--|
|                    |                          |  | <p>network of 2000 nodes<br/>OR<br/>SITC of over 600 Endpoints<br/>(Tablets / AIO systems / Laptops / PCs// Thin Clients) – 25 marks</p> <p>c) Single project having network of 2500 nodes<br/>OR<br/>SITC of over 700 Endpoints<br/>(Tablets / AIO systems / Laptops / PCs/ Thin Clients) –30 marks</p> <p>Note: Network nodes may include Active and / or Passive networking components</p> |            |  |
| d)                 | Human Capital Strength:  | <b>The bidder must have at least 25 employees out of which at least 10 full-time technical resources with relevant certifications in IT on its pay-roll in India for last 3 years.</b> |   | <b>5</b>   | HR Declaration Certificate<br><b>Annexure PQ17</b>   |
| e)                 | Approach and Methodology | <b>Technical Proposal</b>  | <ul style="list-style-type: none"> <li>• Understanding of the Project - 4 Marks</li> <li>• Solution Design &amp; Diagram - 4 Marks</li> <li>• Proposed Solution Including overall compliance- 3Marks</li> <li>• Project Approach and implementation plan - 4 Marks</li> </ul>   | <b>15</b>  | Understanding of the Project (Submit relevant proposal / design / solution / approach documents)<br><b>Annexure PQ19</b> |
| <b>Total Marks</b> |                          |  |   | <b>100</b> |  |

## **Annexure-TQ1B- Technical Compliance of the Bid**

**Table for Details of the IT Infrastructure Items**

| <b>S. No.</b> | <b>Item Name</b>  | <b>Specifications</b>   | <b>Reference Bid Page No.</b> | <b>Make/ Model</b> | <b>Part Code</b> |
|---------------|---|---|-------------------------------|--------------------|------------------|
| 1.            | <b>Item #1: Tablet Devices - Samsung Galaxy Tab S10+ (For House) or higher</b>                      | Higher specifications will be acceptable  |                               |                    |                  |
| 1.1.          | Tablet Devices - Samsung Galaxy Tab S10+  | For specifications, refer <b><u>"Table for Specifications for Item #1.1: Tablet Devices - Samsung Galaxy Tab S10+</u></b>                   |                               |                    |                  |
| 1.2.          | Antivirus   | For specifications, refer <b><u>Table for Specifications for Item #1.2: Antivirus for Tablet Devices</u></b>                                |                               |                    |                  |
| 1.3.          | 4 in 1 adaptor  | For specifications, refer <b><u>Table for Specifications for Item #1.3: 4 in 1 adaptor</u></b>  |                               |                    |                  |
| 1.4.          | Tablet Device Metal Stand   | For specifications, refer <b><u>Table for Specifications for Item #1.4: Tablet Device Metal Stand</u></b>                                   |                               |                    |                  |
| 1.5.          | Mobile Device Management Tool   | For specifications, refer <b><u>Table for Specifications for Item #1.5: Mobile Device Management Tool</u></b>                               |                               |                    |                  |
| 2.            | <b>Item #2: Touch Screen Devices (Tablet) - Samsung Galaxy Tab S10 Plus (For Members) or higher</b> | Higher specifications will be acceptable  |                               |                    |                  |
| 2.1           | <u>Touch Screen Devices - Samsung Galaxy Tab S10 Plus</u>   | For specifications, refer <b><u>Table for Specifications for Item #2.1: Touch Screen Devices (Tablet) - Samsung Galaxy Tab S10 Plus</u></b> |                               |                    |                  |
| 2.2           | Antivirus   | For specifications, refer <b><u>Table for Specifications for Item #2.2: Antivirus for Touch Screen Devices (Tablet)</u></b>                 |                               |                    |                  |
| 3.            | <b>Item #3: All in one PC</b>   |   |                               |                    |                  |
| 3.1.          | All in one PC   | For specifications, refer <b><u>Table for Specifications for Item #3.1: All in one PC</u></b>   |                               |                    |                  |
| 3.2.          | Microsoft Office  | For specifications, refer <b><u>Table for Specifications for Item #3.2: Microsoft Office for All-in-one PC</u></b>                          |                               |                    |                  |
| 3.3.          | Antivirus   | For specifications, refer <b><u>Table for Specifications for Item #3.3: Antivirus for All in one PC</u></b>                                 |                               |                    |                  |
| 4.            | <b>Item #4: Laptop</b>  |   |                               |                    |                  |
| 4.1.          | Laptop  | For specifications, refer <b><u>Table for Specifications for Item #4.1: Laptop</u></b>  |                               |                    |                  |

| S. No. | Item Name  | Specifications   | Reference Bid Page No. | Make/ Model | Part Code |
|--------|--|--|------------------------|-------------|-----------|
| 4.2.   | Microsoft Office   | For specifications, refer <b><u>Table for Specifications for Item #4.2: Microsoft Office for Laptop</u></b>  |                        |             |           |
| 4.3.   | Antivirus  | For specifications, refer <b><u>Table for Specifications for Item #4.3: Antivirus for Laptop</u></b>   |                        |             |           |
| 4.4.   | Laptop Bag   | For specifications, refer <b><u>Table for Specifications for Item #4.4: Laptop Bag</u></b>   |                        |             |           |
| 5.     | <b>Item #5: VC Studio System</b>   | For specifications, refer <b><u>Table for Specifications for Item #5: VC Studio System</u></b>   |                        |             |           |
| 6.     | <b>Item #6: *Active Networking Items</b>   | Including Supply, Installation, Integration, Configuration, Testing and Commissioning with 5 years on-site warranty support<br><b><u>All active networking components (Network switches, Wireless Access Points, Wireless controller, etc.) must be from the same OEM.</u></b> |                        |             |           |
| 6.1.   | Layer3 Switch 24 Port 1/10 Gbps SFP+Port,2nos and 40/100Gbps Uplink ports with redundant power supply and stacking module & cable 1.5m with single mode optical fiber module and Advance Routing Licenses (IPv4 and IPV6). Also should be loaded with 40/100G Optics. with Indian power cables | For specifications, refer <b><u>Table for Specifications for Item #6.1: 24 Ports 1/10GBPS Layer3 Switch with single mode optical fiber</u></b>   |                        |             |           |
| 6.2.   | Layer-2: 24 ports 10/100/1000 MBPS manageable Layer2 Switch with SFP+ Ports and 2/4 nos. 1/10GBPS optical single mode Uplink ports, stacking module & cable 1.5m, basic Routing Licenses & Indian power cable (IPV4 & IPV6 Compatible)   | For specifications, refer <b><u>Table for Specifications for Item #6.2: 24 Ports 10/100/1000 MBPS manageable Layer2 Switch non-POE</u></b>   |                        |             |           |
| 6.3.   | Layer2 - 48 ports 10/100/1000 MBPS 2/4-1/10G SFP+ Ports, PoE+ manageable Layer2 Switch with optical single mode Uplink ports, stacking module & cable 1.5m, and 1.5 Mtr Cable. basic Routing Licenses & Indian power cable   | For specifications, refer <b><u>Table for Specifications for Item #6.3: 48 Ports 10/100/1000 MBPS manageable Layer2 Switch with POE</u></b>  |                        |             |           |
| 6.4.   | Layer 2: 48 ports 10/100/1000 MBPS manageable Layer2 Switch and 2/4 nos. 1/10GBPS optical single mode Uplink ports, stacking module & cable 1.5m, basic Routing Licenses & Indian power cable  | For specifications, refer <b><u>Table for Specifications for Item #6.4: 48 Ports 10/100/1000 MBPS manageable Layer2 Switch non-POE</u></b>   |                        |             |           |

| S. No. | Item Name   | Specifications  | Reference Bid Page No. | Make/ Model | Part Code |
|--------|---|---|------------------------|-------------|-----------|
| 6.5.   | Transceiver Fibre: 1 port 1000 Base LX- transceivers SFP Pluggable GBIC, SM LC connector compatible with above Layer 2 and Layer 3 Switches |   |                        |             |           |
| 6.6.   | Transceiver Copper -1 port 1000 Base Tx- transceivers SFP pluggable GBIC  |   |                        |             |           |
| 6.7.   | Wi-Fi Access Point including Site Survey, Supply & Installation)  | For specifications, refer <b><u>Table for Specifications for Item #6.7: Wi-Fi Indoor Access Points</u></b>                  |                        |             |           |
| 6.8.   | Wi-Fi - Wireless Controllers with 100 Access Points License   | For specifications, refer <b><u>Table for Specifications for Item #6.8: Wireless Controller</u></b>                         |                        |             |           |
| 6.9.   | Network Management Systems (NMS) - with required hardware for around 60 devices   | For specifications, refer <b><u>Table for Specifications for Item #6.9: NMS</u></b>   |                        |             |           |
| 7      | <b>Item # 7: Mid-Range Server with necessary accessories</b>  |   |                        |             |           |
| 7.1    | Mid-Range Server with necessary accessories   | For specifications, refer <b><u>Table for Specifications for Item #7.1: Mid-Range Server with necessary accessories</u></b> |                        |             |           |
| 7.2    | Microsoft Windows Server OS (Latest Version)  | For specifications, refer <b><u>Table for Specifications for Item #7.2: Microsoft Windows Server OS</u></b>                 |                        |             |           |
| 7.3    | Linux Server OS – 2 Flavours / Brands   | For specifications, refer <b><u>Table for Specifications for Item #7.3: Linux Server OS</u></b>                             |                        |             |           |

**Table for Specifications for Item #1.1: Tablet Devices - Samsung Galaxy Tab S10 Plus**

| S. No. | Features                     | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|------------------------------|---|------------------------|------------|
| 1      | Make                         | Samsung   |                        |            |
| 2      | Model                        | Samsung Galaxy Tab <b>S10 Plus or higher</b>  |                        |            |
| 3      | Memory (RAM)                 | 12 GB (Memory expandable with microSD up to 1 TB)   |                        |            |
| 4      | Screen Size                  | 13 inches or higher   |                        |            |
| 5      | Screen Protection            | High-quality tempered glass with highest hardness rating to provide powerful scratch resistance and complete screen protection. |                        |            |
| 6      | Storage Disk                 | 256 GB  |                        |            |
| 7      | Connectivity (Communication) | Wi-Fi only  |                        |            |
| 8      | USB Ports & interface        | USB Type-C, USB charging  |                        |            |
| 9      | Battery Life                 | Up to 10 hours  |                        |            |
| 10     | Charging                     | Charging via USB-C to computer system or with Power adapter   |                        |            |
| 11     | Tablet Case / Cover          | Tablet Case / Cover compatible for fixing with Metal Stand  |                        |            |
| 12     | Warranty                     | 3 Years Onsite comprehensive Warranty including battery   |                        |            |
| 13     | Update and Upgrade Support   | Minimum 3 years at no extra cost  |                        |            |

**Table for Specifications for Item #1.2: Antivirus for Tablet Devices**

| S. No. | Features           | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|--------------------|--|------------------------|------------|
| 1.     | Antivirus software | Anti-Virus (Latest version) to protect Tablet Devices by scanning for Virus, Malware Protection, Ransomware Protection and other security threats etc for 3 years validity |                        |            |

**Table for Specifications for Item #1.3: 4 in 1 adaptor**

| SN | Features   | Minimum Specifications   | Reference Bid Page No. | Compliance |
|----|--|--|------------------------|------------|
| 1. | <b>USB-C to Ethernet, USB, HDMI Adapter and HDMI</b> | <ul style="list-style-type: none"> <li>Samsung Certified or Compliant for Tablets</li> <li>RJ45 port for Ethernet connection, Adapter with Charge Port compatible with the Tablet Device</li> <li>External Ethernet Hub compatible with supplied the Tablet Device as Plug and Play</li> <li>4-in-1 adaptor HDMI, RJ45, USB3.0, USB-C for PD charging HUB</li> </ul> |                        |            |
| 2. | Warranty   | 3 Years Onsite comprehensive Warranty  |                        |            |

**Table for Specifications for Item #1.4: Tablet Device Metal Stand**

| SN. | Features  | Minimum Specifications  | Reference Bid Page No. | Compliance |
|-----|---|---|------------------------|------------|
| 1   | <b>Material</b>                                       | Brass should be finished to provide good appearance and should be PVD coated with Rose Gold Finish with premium PU lacquer coating for long lasting finish.   |                        |            |
| 2   | <b>Type 1 Stand: Full Stand Mounting Mechanism</b>    | Round shape stands with comfortable working operation and fixed table mounting with elegant appearance and premium brass material, concealing the wire with slots at the bottom and upper side of the stand. Total stand height should be approximately 365-400 mm including the Tablet Device housing and base of the mounting mechanism.  |                        |            |
| 3   | <b>Type 2 Stand: Sliding Stand Mounting Mechanism</b> | <p>There are about 13 number of desks at the House, which are elevated in height and need separate type of stand as mentioned below. The Bidder can visit MPVS to understand the requirement and accordingly bid for the same.</p> <p>A round shape sliding stand with adjustable sliding length up to 55 mm for height adjustment should be provided in the stand. This stand would be used for short length and height adjustment applications at the table where three seating arrangements must be made. A round knurled knob beside the slider should be provided to fasten or loosen the slider.</p> <p>Round shape stands with comfortable working operation and fixed table mounting with elegant appearance and premium brass material should be provided. Total stand height considering complete slider rod should be approximately 305 mm including the tablet device housing and base of the mounting mechanism.</p> |                        |            |
| 4   | <b>Stand movement mechanism</b>                       | Mechanisms should make free movement in all the working direction with restrictions not to come out of the bench, should not move in a forward direction to interrupt other working areas. Horizontal and Vertical rotation should be restricted to around 90°.   |                        |            |
| 5   | <b>Mounting Housing</b>                               | Material of the mounting housing and adapter box should be machined from solid hard aluminum. An Adapter box should be fitted behind the housing. Silicone rubber housing should be provided with key buttons and camera slots to provide appropriate functioning. Mounting housing should be able to secure the Tablet Device with high quality silicone housing pad. Aluminum housing and adapter box should be black anodized with licensed process from SAC, ISRO. Further, the aluminum housing should be PU coated to provide surface protection. <u>The Tablet Device should be restricted to 90°- 120° rotation to avoid tangling of the wire.</u>  |                        |            |
| 6   | <b>Installation and Commissioning at Site</b>         | The Metal stands should be installed at site as per User requirement.   |                        |            |

| SN. | Features | Minimum Specifications                | Reference Bid Page No. | Compliance |
|-----|----------|---------------------------------------|------------------------|------------|
| 7   | Warranty | 3 Years Onsite comprehensive Warranty |                        |            |

Mounting stand pictures are depicted below as per the specification (Specifications and Dimensions may be changed by MP Vidhan Sabha before Supply of Tablets). Sample Stands will be in display at MPVS during BID. Bidders must ensure to check the details of Stands along with dimensions and all other things. Bidder must ensure that the stands are similar or better (Stand should be approved by MPVS).



**Type 1 Stand: Full Stand Mounting Mechanism**



**Type 2 Stand: Sliding Stand Mounting Mechanism**

**Table for Specifications for Item #1.5: Mobile Device Management Tool**

| S. No. | Features                                 | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|--|---|------------------------|------------|
| 1.     | <b>Centralized Management of Devices</b> | <ul style="list-style-type: none"> <li>Manage apps</li> <li>Ensure Functionality restrictions effectively, such as disabling specific apps, restricting camera usage, controlling Bluetooth access, and limiting Wi-Fi connections,</li> <li>Ensure a secure and focused user experience</li> </ul> |                        |            |
| 2.     | <b>Warranty</b>                          | 3 Years Onsite comprehensive Warranty   |                        |            |

**Table for Specifications for Item #2.1: Touch Screen Devices (Tablet) - Samsung Galaxy Tab S10 Plus**

| S. No. | Features                     | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|------------------------------|--|------------------------|------------|
| 1.     | Make                         | Samsung  |                        |            |
| 2.     | Model                        | Samsung Galaxy Tab S10 Plus or higher  |                        |            |
| 3.     | Memory (RAM)                 | 12 GB (Memory expandable with MicroSD up to 1.5 TB)  |                        |            |
| 4.     | Screen Size                  | Minimum 12.4 inches  |                        |            |
| 5.     | Screen Protection            | High-quality tempered glass with highest hardness rating to provide powerful scratch resistance and complete screen protection.  |                        |            |
| 6.     | Storage Disk                 | 256 GB   |                        |            |
| 7.     | Connectivity (Communication) | Wi-Fi and Cellular (both)  |                        |            |
| 8.     | Keyboard                     | Included compatible Keyboard & Stylus (Pen)  |                        |            |
| 9.     | USB Ports & interface        | USB Type-C, USB charging   |                        |            |
| 10.    | Battery Life                 | Up to 10 hours   |                        |            |
| 11.    | Charging                     | Charging via USB-C to computer system or with Power adapter  |                        |            |
| 12.    | Warranty                     | 3 Years Onsite comprehensive Warranty including battery  |                        |            |
| 13.    | Update and Upgrade Support   | Minimum 3 years at no extra cost   |                        |            |
| 14.    | Tablet Case                  | Flip Cover Case for the Samsung Tablet embossed with <u>Text as "M P Vidhan Sabha" in Hindi with logo etc.</u> The pattern and style will be approved on work initiation |                        |            |

**Table for Specifications for Item #2.2: Antivirus for Touch Screen Devices (Tablet)**

| S. No. | Features           | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|--------------------|---|------------------------|------------|
| 1.     | Antivirus software | Anti-Virus (Latest version) to protect Touch Screen Devices (Tablet) by scanning for Virus, Malware Protection, Ransomware Protection and other security threats etc for 3 years validity |                        |            |

**Table for Specifications for Item #3.1: All in one PC**

| SN  | Features                  | Minimum Specifications   | Reference Bid Page No. | Compliance |
|-----|---------------------------|--|------------------------|------------|
| 1.  | Display Size              | 23" or higher  |                        |            |
| 2.  | Display Type              | LED  |                        |            |
| 3.  | Resolution                | 1920 x 1080 <i>Or Higher</i>   |                        |            |
| 4.  | Form Factor               | All-in-One   |                        |            |
| 5.  | Processor Type            | Core i5 latest generation  |                        |            |
| 6.  | RAM Size & Type           | 16 GB or Higher - Type DDR4/DDR5   |                        |            |
| 7.  | Memory Technology         | DDR4 / DDR5  |                        |            |
| 8.  | Maximum Memory Supported  | 64 GB  |                        |            |
| 9.  | Numbers of DIMM Slots     | 2  |                        |            |
| 10. | Built-in Camera           | Built in 2 MP (or Higher) Webcam with Privacy Shutter (Preferably)                   |                        |            |
| 11. | Built-in Microphone       | Built in 2 Digital Microphone  |                        |            |
| 12. | Built-in Speaker          | 2W or higher X 2 Stereo Speakers with high-definition audio support <b>or Higher</b> |                        |            |
| 13. | Hard Drive Size           | 512 GB SSD <i>Or Higher</i>  |                        |            |
| 14. | Hard Disk Description     | SSD  |                        |            |
| 15. | Hard Drive Interface      | Solid State  |                        |            |
| 16. | Graphics Chipset Brand    | Intel or Substantial Equivalent or Higher  |                        |            |
| 17. | Graphics Card Description | Integrated   |                        |            |
| 18. | Graphics RAM Type         | Shared   |                        |            |
| 19. | Graphics Card Interface   | Integrated   |                        |            |
| 20. | Hardware Interface        | USB, Ethernet, HDMI  |                        |            |
| 21. | Connectivity Type         | Bluetooth, Wi-Fi, LAN Card   |                        |            |
| 22. | Wireless Type             | Bluetooth, 802.11ax  |                        |            |
| 23. | Number of USB 3.0 Ports   | 2  |                        |            |
| 24. | Total USB ports           | 4 or Higher  |                        |            |
| 25. | Video output interface    | HDMI   |                        |            |
| 26. | Number of DP Ports        | <i>1 Or Higher</i>   |                        |            |
| 27. | Headphone out             | Yes  |                        |            |
| 28. | Microphone-in             | Yes  |                        |            |
| 29. | Mouse Connectivity        | Wired with USB interface, Mouse pad  |                        |            |
| 30. | Type of Mouse             | Optical Scroll   |                        |            |
| 31. | Keyboard Connectivity     | Wired with USB interface   |                        |            |
| 32. | Type of Keyboard          | Standard   |                        |            |
| 33. | Included Components       | User Manual, Keyboard, Power Cable, Mouse, All In One (AIO)                          |                        |            |
| 34. | Recovery Image Media      | Stored in Partition of the Hard Disk /   |                        |            |

| SN  | Features                                 | Minimum Specifications  | Reference Bid Page No. | Compliance |
|-----|--|---|------------------------|------------|
|     |  | USB Drive from the OEM / On Line / Cloud,   |                        |            |
| 35. | Operating System                         | <b>Preloaded Windows 11 Professional with Lifetime Validity</b>   |                        |            |
| 36. | Stand                                    | Height Adjustable   |                        |            |
| 37. | Warranty                                 | <b>3 Years Onsite comprehensive Warranty</b>  |                        |            |
| 38. | Additional Accessories and equipment etc | In order to ensure the systems are fully operational, required Indian power cord, other required cables etc with required length must be supplied with the product. |                        |            |

**Table for Specifications for Item #3.2: Microsoft Office for All in one PC**

| S. No. | Features         | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|------------------|--|------------------------|------------|
| 1.     | Microsoft Office | Preloaded Genuine Microsoft Office (Latest Version) with Lifetime Validity |                        |            |

**Table for Specifications for Item #3.3: Antivirus for All in one PC**

| S. No. | Features           | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|--------------------|---|------------------------|------------|
| 2.     | Antivirus software | Anti-Virus (Latest version) to protect AIO by scanning for Virus, Malware Protection, Ransomware Protection and other security threats etc for 3 years validity |                        |            |

**Table for Specifications for Item #4.1: Laptop**

| S. No. | Features                                 | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|--|---|------------------------|------------|
| 1.     | Display Size                             | <b>LED (15" to 16" but should not be more than 16")</b>   |                        |            |
| 2.     | Resolution                               | <b>1920 x 1080, Anti-Glare , Blue Light Certified (Optional)</b>  |                        |            |
| 3.     | Form Factor                              | Laptop  |                        |            |
| 4.     | Color                                    | Silver <i>Preferably</i>  |                        |            |
| 5.     | Processor Type                           | <b>Core i5</b> latest generation  |                        |            |
| 6.     | RAM Size                                 | DDR4 / DDR5 -16 GB or higher  |                        |            |
| 7.     | Built-in Camera                          | Built in HD 720p Webcam (or higher) with Privacy Shutter  |                        |            |
| 8.     | Built-in Microphone                      | Built in 2 Digital Microphone   |                        |            |
| 9.     | Built-in Speaker                         | Stereo Speakers with high-definition audio support or Higher  |                        |            |
| 10.    | Hard Drive Size                          | 512 GB SSD Or Higher  |                        |            |
| 11.    | Hard Drive Interface                     | Solid State   |                        |            |
| 12.    | Graphics Chipset Brand                   | Intel or Substantial Equivalent or Higher   |                        |            |
| 13.    | Graphics Card Description                | Integrated  |                        |            |
| 14.    | Hardware Interface                       | USB, Ethernet, HDMI, Headphone/microphone combo jack  |                        |            |
| 15.    | Connectivity Type                        | Bluetooth, Wi-Fi, LAN Port  |                        |            |
| 16.    | Wireless Type                            | Bluetooth, 802.11ax   |                        |            |
| 17.    | Number of USB 3.0 Ports                  | 2   |                        |            |
| 18.    | Total USB ports                          | 3   |                        |            |
| 19.    | Video output interface                   | HDMI  |                        |            |
| 20.    | Type of Keyboard                         | Standard  |                        |            |
| 21.    | Mouse                                    | Wired Optical Scroll mouse with USB interface   |                        |            |
| 22.    | Batteries                                | 1 Lithium Polymer batteries required. (included)  |                        |            |
| 23.    | Average Battery Life (in hours)          | 8 Hours with Rapid Charge   |                        |            |
| 24.    | Operating System                         | <b>Preloaded Windows 11 Professional with Lifetime Validity</b>   |                        |            |
| 25.    | Body Type                                | Metal <i>Preferably</i>   |                        |            |
| 26.    | Included Components                      | User Manual, Power Cable, Wired Mouse, Mouse pad  |                        |            |
| 27.    | Warranty                                 | 3 Years Onsite comprehensive Warranty   |                        |            |
| 28.    | Recovery Image Media                     | CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud   |                        |            |
| 29.    | Additional Accessories and equipment etc | In order to ensure the laptops are fully operational, required Indian power cord, other required cables etc with required length must be supplied with the product. |                        |            |

**Table for Specifications for Item #4.2: Microsoft Office for Laptop**

| S. No. | Features         | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|------------------|--|------------------------|------------|
| 1.     | Microsoft Office | Preloaded Genuine Microsoft Office (Latest Version) with Lifetime Validity |                        |            |

**Table for Specifications for Item #4.3: Antivirus for Laptop**

| S. No. | Features           | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|--------------------|--|------------------------|------------|
| 1.     | Antivirus software | Anti-Virus (Latest version) to protect Laptop by scanning for Virus, Malware Protection, Ransomware Protection and other security threats etc for 3 years validity |                        |            |

**Table for Specifications for Item #4.4: Laptop Bag**

| S. No. | Features        | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|-----------------|---|------------------------|------------|
| 1      | Laptop Bag Size | Suitability - To accommodate 15.6" size Laptop Computer approximately.  |                        |            |
| 2      | Material        | Polyester fabric, nylon bonded thread, branded zippers and sliders  |                        |            |
| 3      | Compartments    | Minimum Three compartment bag (Laptop, Text book, Power adapter, utility pocket) with padded sleeve, Utility pocket in the front and side packets Padding Padded handle, padding on the back for comfort and air flow curved and padded contoured shoulder straps |                        |            |
| 4      | Logo and image  | The Logo of MP VidhanSabha and other information like as desired by the MP VidhanSabha be screen printed on the front pocket as per the design finalized  |                        |            |

**Table for Specifications for Item #5: VC Studio System**

| S. No. | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 1.     | IP based High-Definition Video Conferencing End Point  |                        |            |
| 2.     | Video Conferencing end point resolution - 1080P 30fps, 1080P 60fps / Higher / equivalent   |                        |            |
| 3.     | Camera (PTZ) with Automatic Voice Activation / face detection, preset and other multiple Controls with Optical Zoom 10X/12X or Higher / equivalent features  |                        |            |
| 4.     | Omni Directional Microphone support, preferably directly on device – 2/3 or higher as per room size  |                        |            |
| 5.     | <b>HDMI Input / Output Ports – 2/3 or Higher</b>   |                        |            |
| 6.     | Video Coding Protocol Support - H264/H265 or Higher/equivalent   |                        |            |
| 7.     | Video Calls – H.323 and SIP at 2/4/6 Mbps or Higher  |                        |            |
| 8.     | System should support latest AES encryption  |                        |            |
| 9.     | Sharing of Video and Graphics content during call at 1080P 30fps , 1080P 60fps or higher   |                        |            |
| 10.    | Ethernet Ports – 10/100/1000 Mbps (01 No. or more)   |                        |            |
| 11.    | Wi-fi Connectivity – Integrated or optional  |                        |            |
| 12.    | It should support interoperability and bandwidth saving using video compression H.264 AVC / H.264 High Profile / H.265 or higher/equivalent  |                        |            |
| 13.    | <b>It should support to use End point's Camera, Microphone etc. with Desktop/Cloud based VC solutions like Zoom, WebEx, Bharat VC and Microsoft Team etc. using a Desktop Client machine directly OR with cable/accessories</b>  |                        |            |
| 14.    | Must support IPv4 and IPv6 from day one on both H.323 and SIP calls  |                        |            |
| 15.    | It should support wired/wireless content sharing. It should also support audio from Desktop/Laptop etc., which is used for content sharing (preferably Audio-visual contents/ppt etc.)   |                        |            |
| 16.    | It should support H.323 and SIP standards for communications or higher   |                        |            |
| 17.    | 1 x RCA/3.5 mm stereo line-in/out or higher/equivalent   |                        |            |
| 18.    | Ethernet/USB etc suitable to support system software upgrade   |                        |            |
| 19.    | It should transmit both people and content both simultaneously to the far end location at 1080p 30fps or higher  |                        |            |
| 20.    | System should be remotely controllable using any browser   |                        |            |
| 21.    | <b>Should support mic on /off synchronization of remote control / touch panel / microphone button etc./equivalent</b>  |                        |            |
| 22.    | <b>Recording @1080P on the end-point - NO</b>  |                        |            |
| 23.    | Infrared Remote Control/ Touch Panel or equivalent   |                        |            |
| 24.    | Bidder need to provide full demonstration of product functionality on the site   |                        |            |
| 25.    | High Definition or higher Display panel as per Room Size or planned seating capacity. Preferably display panel/LED etc., should have multiple connectivity ports like HDMI In/Out, USB, Ethernet, AV Ports, Wi-fi etc., with necessary cables. It should be compatible with supplied VC end Point. |                        |            |
| 26.    | 3 Years Onsite comprehensive Warranty  |                        |            |

**Table for Specifications for Item #6.1: 24 Ports 1/10GBPS Layer3 Switch with single mode optical fiber (Should Support SVL /Virtualization)**

| S. No.      | General Specifications   | Reference Bid Page No. | Compliance |
|-------------|--|------------------------|------------|
| <b>1.</b>   | <b>General Features : <u>24 Ports Layer3 Switch</u></b>  |                        |            |
| <b>1.1.</b> | Switch shall be 1U and rack mountable in standard 19" rack.  |                        |            |
| <b>1.2.</b> | Switch shall have minimum 8 GB RAM and 8 GB Flash.   |                        |            |
| <b>1.3.</b> | Switch shall have hot swappable 1:1 redundant internal power supply and redundant fan.   |                        |            |
| <b>1.4.</b> | Switch must support Physical or Virtual stacking for achieving High Availability – HA <b><u>(Should Support SVL /Virtualization)</u></b>   |                        |            |
| <b>2.</b>   | <b>Performance:</b>  |                        |            |
| <b>2.1.</b> | Switch shall have switching capacity minimum 2 Tbps or higher and forwarding rate of <u>min 1 Bpps Or Higher</u>   |                        |            |
| <b>2.2.</b> | Switching system shall have minimum <u>60K Or Higher</u> MAC Addresses/ support and minimum <u>4K Or Higher</u> VLANs.   |                        |            |
| <b>2.3.</b> | Switch shall support minimum 8K ACLs,  |                        |            |
| <b>2.4.</b> | shall support minimum 32 K IPv4 routes   |                        |            |
| <b>2.5.</b> | shall support minimum 16 K IPv6 routes   |                        |            |
| <b>2.6.</b> | Switch shall have 16 K or more multicast routes.   |                        |            |
| <b>2.7.</b> | Switch shall support application visibility and traffic monitoring with minimum 60 K sflow / jflow / netFlow entries.  |                        |            |
| <b>2.8.</b> | Switch shall have 32MB or more packet buffer.  |                        |            |
| <b>2.9.</b> | Switch should support Minimum 64 or more STP/ MSTP Instances.  |                        |            |
| <b>3.</b>   | <b>Functionality:</b>  |                        |            |
| <b>3.1.</b> | Switch should support IEEE Standards of Ethernet:<br>IEEE 802.1D Spanning Tree Protocol,<br>802.1s Multiple Spanning Tree Protocol,<br>802.1w Rapid Spanning Tree Protocol,<br>802.1x Port-based Network Access control (PNAC),<br>802.3ad Link Aggregation Control Protocol (LACP),<br>802.1AE (MACSec) medium access control layer Security<br>802.3x Flow Control,<br>802.1p class of service,<br>802.1Q for VLAN Tagging,<br>802.3 standard for Ethernet,<br>802.3u standard for Fast Ethernet / 100Base-T(100 Mbps),<br>802.3ab standard for Gigabit Ethernet transmission over UTP CAT 5, 5e or 6,<br>802.3z Gigabit Ethernet/ GigE (1000 Mbps)<br>1588v2 / Precision Time Protocol Version 2 (PTPv2) precision clock synchronization OR NTP clock synchronization |                        |            |
| <b>3.2.</b> | Switch must have Static and Dynamic Routing Protocol Support.  |                        |            |
| <b>3.3.</b> | Switch shall support management features like SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+, IGMP, Netconf/YANG.   |                        |            |
| <b>3.4.</b> | Switch shall support DHCP snooping, First Hop Security or similar features   |                        |            |
| <b>3.5.</b> | Switch shall have IPv6 support in hardware, providing wire rate forwarding for IPv6 network  |                        |            |

| S. No. | General Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 3.6.   | Switch shall support IPv6 Binding Integrity Guard, IPv6 Snooping, IPv6 RA Guard, IPv6 DHCP Guard, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard.  |                        |            |
| 3.7.   | Switch shall support IPv4 and IPv6 ACLs and Dynamic VLAN assignment for all ports.   |                        |            |
| 3.8.   | Preferably Switch should have the capabilities to enable automatic configuration of switch ports as devices connect to the switch.   |                        |            |
| 3.9.   | During system boots, the system's software signatures should be checked for integrity. System should be able to ensure that system OS is authentic and unmodified, it should have cryptographically signed images to provide assurance that the firmware & BIOS are authentic or should have similar functionalities |                        |            |
| 4.     | <b>Interfaces</b>  |                        |            |
| 4.1.   | Switch should have 24 nos of 1/10G SFP+ ports along with 4x40/100G uplink ports with necessary accessories for HA using uplink ports. Also need to supply 1000BaseLX SFPs for downlink Ports from day 1.   |                        |            |
| 4.2.   | Support for SVL/ISL/equivalent for HA  |                        |            |
| 5.     | <b>Certification:</b>  |                        |            |
| 5.1.   | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.  |                        |            |
| 5.2.   | Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.  |                        |            |
| 5.3.   | Switch / Switch's Operating System should be tested for EAL 2 / NDPP or above under Common Criteria Certification.   |                        |            |
| 6.     | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty   |                        |            |

**Table for Specifications for Item #6.2: 24 Ports 10/100/1000 MBPS manageable Layer2 Switch non-POE**

| S. No. | General Specifications  | Reference Bid Page No. | Compliance |
|--------|---|------------------------|------------|
| 1.     | <b>General Features:</b>  |                        |            |
| 1.1.   | Switch should be 1U and rack mountable in standard 19" rack.  |                        |            |
| 1.2.   | Switch should support internal field replaceable unit redundant power supply from day 1.  |                        |            |
| 1.3.   | Switch should have minimum 2 GB RAM and 2 GB Flash.   |                        |            |
| 1.4.   | Switch should have dedicated slot/Ports for modular stacking, in addition to asked uplink ports. Should support for minimum 80 Gbps of stacking throughput with 8 switch in single stack.   |                        |            |
| 2.     | <b>Performance:</b>   |                        |            |
| 2.1.   | Switch shall have minimum 128 Gbps <i>Or Higher</i> of switching fabric and min. 95Mpps <i>Or Higher</i> of forwarding rate <i>in addition to asked uplink port. Should support for minimum 80 Gbps of stacking throughput with 8 switch in single stack.</i> |                        |            |
| 2.2.   | Switch shall have minimum 16K MAC Addresses and 4000 VLAN IDs   |                        |            |
| 2.3.   | Should support minimum 2K IPv4 routes or more   |                        |            |

| S. No. | General Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 2.4.   | Switch shall have 1K or more multicast routes.   |                        |            |
| 2.5.   | Switch should support at least 16K flow entries  |                        |            |
| 2.6.   | Switch should support Minimum 64 or more STP/ MSTP Instances.  |                        |            |
| 2.7.   | Switch should have 6MB or more packet buffer.  |                        |            |
| 3.     | <b>Functionality:</b>  |                        |            |
| 3.1.   | Switch should support IEEE Standards of Ethernet:<br>IEEE 802.1D Spanning Tree Protocol,<br>802.1s Multiple Spanning Tree Protocol,<br>802.1w Rapid Spanning Tree Protocol,<br>802.1x Port-based Network Access control (PNAC),<br>802.3ad Link Aggregation Control Protocol (LACP),<br>802.3x Flow Control,<br>802.1p class of service,<br>802.1Q for VLAN Tagging,<br>802.3 standard for Ethernet,<br>802.3u standard for Fast Ethernet / 100Base-T(100 Mbps),<br>802.3ab standard for Gigabit Ethernet transmission over UTP CAT 5, 5e or 6,<br>802.3z Gigabit Ethernet/ GigE (1000 Mbps) |                        |            |
| 3.2.   | Switch must have static IP Routing capability and should support functionality like VLAN, QoS etc.   |                        |            |
| 3.3.   | Switch should support management features like SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |                        |            |
| 3.4.   | Switch should support IPv6Access Security like IPv6 RA Guard, IPv6 DHCP Guard/ Snooping, IPv6 NeighborDiscovery Inspection and IPv6 Source Guard / similar functionalities   |                        |            |
| 3.5.   | Switch should support IPv4 and IPv6 ACLs and Dynamic VLAN assignment and MACSec-128 on hardware for all ports.   |                        |            |
| 3.6.   | Switch must have the capabilities to enable automatic configuration of switch ports as devices connect to the switch.  |                        |            |
| 3.7.   | During system boots, the system's software signatures should be checked for integrity. System should be able to ensure that system OS is authentic and unmodified, it should have cryptographically signed images to provide assurance that the firmware & BIOS are authentic or similar functionalities   |                        |            |
| 4.     | <b>Interfaces</b>  |                        |            |
| 4.1.   | Switch shall have 24 nos. 10/100/1000 Base-T ports and additional 4 nos. of 1/10G SFP+ uplinks ports (loaded with 2 numbers of 1000base Lx SFP modules)  |                        |            |
| 5.     | <b>Certification:</b>  |                        |            |
| 5.1.   | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.  |                        |            |
| 5.2.   | Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.  |                        |            |
| 5.3.   | Switch / Switch's Operating System should be tested for EAL 2/NDPP or above under Common Criteria Certification.   |                        |            |
| 6.     | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty   |                        |            |

**Table for Specifications for Item #6.3: 48 Ports 10/100/1000 MBPS manageable Layer2 Switch with POE – Latest Generation**

| S. No.      | General Specifications   | Reference Bid Page No. | Compliance |
|-------------|--|------------------------|------------|
| <b>1.</b>   | <b>General Features :</b>  |                        |            |
| <b>1.1.</b> | Switch should be 1U and rack mountable in standard 19" rack.   |                        |            |
| <b>1.2.</b> | Switch should support internal field replaceable redundant power supply unit from day 1 along with redundant fans  |                        |            |
| <b>1.3.</b> | Switch should have minimum 2 GB RAM and 2 GB Flash.  |                        |            |
| <b>1.4.</b> | Switch should have dedicated slot/Ports for modular stacking, in addition to asked uplink ports. Should support for minimum 80 Gbps of stacking throughput with 8 switch in single stack.  |                        |            |
| <b>2.</b>   | <b>Performance :</b>   |                        |            |
| <b>2.1.</b> | Switch shall have minimum <i>176 Gbps of switching fabric and 130 Mpps of forwarding rate.</i>   |                        |            |
| <b>2.2.</b> | Switch shall have minimum 16K MAC Addresses and 500 VLANs  |                        |            |
| <b>2.3.</b> | Should support minimum 2K IPv4 routes or more  |                        |            |
| <b>2.4.</b> | Switch shall have 1K or more multicast routes.   |                        |            |
| <b>2.5.</b> | Switch should support at least 16K flow entries  |                        |            |
| <b>2.6.</b> | Switch should support 64 or more STP/ MSTP Instances.  |                        |            |
| <b>2.7.</b> | Switch should have 6MB or more packet buffer.  |                        |            |
| <b>3.</b>   | <b>Functionality:</b>  |                        |            |
| <b>3.1.</b> | Switch should support IEEE Standards of Ethernet:<br>IEEE 802.1D Spanning Tree Protocol,<br>802.1s Multiple Spanning Tree Protocol,<br>802.1w Rapid Spanning Tree Protocol,<br>802.1x Port-based Network Access control (PNAC),<br>802.3ad Link Aggregation Control Protocol (LACP),<br>802.3x Flow Control,<br>802.1p class of service,<br>802.1Q for VLAN Tagging,<br>802.3 standard for Ethernet,<br>802.3u standard for Fast Ethernet / 100Base-T(100 Mbps),<br>802.3ab standard for Gigabit Ethernet transmission over UTP CAT 5, 5e or 6,<br>802.3z Gigabit Ethernet/ GigE (1000 Mbps) |                        |            |
| <b>3.2.</b> | Switch must have static IP Routing capability and should support functionality like VLAN, QoS etc.   |                        |            |
| <b>3.3.</b> | Switch should support management features like SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.  |                        |            |
| <b>3.4.</b> | Switch should support IPv6Access Security like IPv6 RA Guard, IPv6 DHCP Guard/ Snooping, IPv6 NeighborDiscovery Inspection and IPv6 Source Guard/ Similar functionalities  |                        |            |
| <b>3.5.</b> | Switch should support IPv4 and IPv6 ACLs and Dynamic VLAN assignment and MACSec-128 on hardware for all ports.   |                        |            |
| <b>3.6.</b> | Switch must have the capabilities to enable automatic configuration of switch ports as devices connect to the switch.  |                        |            |
| <b>3.7.</b> | During system boots, the system's software signatures should be checked for integrity. System should be able to ensure that system OS is authentic and unmodified, it should have cryptographically signed images to provide assurance that the firmware & BIOS are  |                        |            |

| S. No.      | General Specifications  | Reference Bid Page No. | Compliance |
|-------------|---|------------------------|------------|
|             | authentic or similar functionality  |                        |            |
| <b>4.</b>   | <b>Interfaces</b>   |                        |            |
| <b>4.1.</b> | Switch shall have 48 nos. 10/100/1000 Base-T PoE ports and additional 4 nos. of 1/10G SFP+ uplinks ports (loaded with 2 numbers of 1000 base Lx SFP modules) from day 1   |                        |            |
| <b>4.2.</b> | It should support advance features such as multi-gigabit ports (1G/2.5G/5G/10G) - and uPoE /uPoE+ Standard OR equivalent OR Higher. Out of total 48 PoE ports, Minimum 25% ports should support multi-gig. All 48 Ports should support uPoE /uPoE+ or higher Standard from day 1. |                        |            |
| <b>4.3.</b> | Stacking module and stacking cable to connect stack of 4/8 switches)  |                        |            |
| <b>5.</b>   | <b>Certification:</b>   |                        |            |
| <b>5.1.</b> | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.   |                        |            |
| <b>5.2.</b> | Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.   |                        |            |
| <b>5.3.</b> | Switch / Switch's Operating System should be tested for EAL 2/NDPP/NIAP or above under Common Criteria Certification.   |                        |            |
| <b>6.</b>   | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty  |                        |            |

**Table for Specifications for Item #6.4: 48 Ports 10/100/1000 MBPS manageable Layer2 Switch non-POE**

| S. No.      | General Specifications  | Reference Bid Page No. | Compliance |
|-------------|---|------------------------|------------|
| <b>1.</b>   | <b>General Features :</b>   |                        |            |
| <b>1.1.</b> | Switch should be 1U and rack mountable in standard 19" rack.  |                        |            |
| <b>1.2.</b> | Switch should support internal field replaceable redundant power supply from day 1.   |                        |            |
| <b>1.3.</b> | Switch should have minimum 2 GB RAM and 2 GB Flash.   |                        |            |
| <b>1.4.</b> | Switch should have dedicated slot for modular stacking, in addition to asked uplink ports. Should support for minimum 80 Gbps of stacking throughput with 8 switch in single stack. |                        |            |
| <b>2.</b>   | <b>Performance:</b>   |                        |            |
| <b>2.1.</b> | Switch shall have minimum 160 Gbps of switching fabric and 120 Mpps of forwarding rate.   |                        |            |
| <b>2.2.</b> | Switch shall have minimum 16K MAC Addresses and 500 VLANs   |                        |            |
| <b>2.3.</b> | Should support minimum 2K IPv4 routes or more   |                        |            |
| <b>2.4.</b> | Switch shall have 1K or more multicast routes.  |                        |            |
| <b>2.5.</b> | Switch should support at least 16K flow entries   |                        |            |
| <b>2.6.</b> | Switch should support 64 or more STP/ MSTP Instances.   |                        |            |
| <b>2.7.</b> | Switch should have 6MB or more packet buffer.   |                        |            |
| <b>3.</b>   | <b>Functionality:</b>   |                        |            |
| <b>3.1.</b> | Switch should support IEEE Standards of Ethernet:   |                        |            |

| S. No. | General Specifications  | Reference Bid Page No. | Compliance |
|--------|---|------------------------|------------|
|        | IEEE 802.1D Spanning Tree Protocol,<br>802.1s Multiple Spanning Tree Protocol,<br>802.1w Rapid Spanning Tree Protocol,<br>802.1x Port-based Network Access control (PNAC),<br>802.3ad Link Aggregation Control Protocol (LACP),<br>802.3x Flow Control,<br>802.1p class of service,<br>802.1Q for VLAN Tagging,<br>802.3 standard for Ethernet,<br>802.3u standard for Fast Ethernet / 100Base-T(100 Mbps),<br>802.3ab standard for Gigabit Ethernet transmission over UTP CAT 5, 5e or 6,<br>802.3z Gigabit Ethernet/ GigE (1000 Mbps) |                        |            |
| 3.2.   | Switch must have static IP Routing capability and should support functionality like VLAN QoS etc.   |                        |            |
| 3.3.   | Switch should support management features like SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+.   |                        |            |
| 3.4.   | Switch should support IPv6 Access Security like IPv6 RA Guard, IPv6 DHCP Guard/ Snooping, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard/ Similar Functionality   |                        |            |
| 3.5.   | Switch should support IPv4 and IPv6 ACLs and Dynamic VLAN assignment and MACSec-128 on hardware for all ports.  |                        |            |
| 3.6.   | Switch must have the capabilities to enable automatic configuration of switch ports as devices connect to the switch.   |                        |            |
| 3.7.   | During system boots, the system's software signatures should be checked for integrity. System should be able to ensure that system OS is authentic and unmodified, it should have cryptographically signed images to provide assurance that the firmware & BIOS are authentic or similar functionality  |                        |            |
| 4.     | <b>Interfaces</b>   |                        |            |
| 4.1.   | Switch shall have 48 nos. 10/100/1000 Base-T ports and additional 4 nos. of 1/10G SFP+ uplinks ports. (loaded with 02 Nos. of 1000 Base LX SFP Modules)   |                        |            |
| 4.2.   | Stacking module and stacking cable to connect stack of 4/8 switches)  |                        |            |
| 5.     | <b>Certification:</b>   |                        |            |
| 5.1.   | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.   |                        |            |
| 5.2.   | Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.   |                        |            |
| 5.3.   | Switch / Switch's Operating System should be tested for EAL 2/NDPP/NIAP or above under Common Criteria Certification.   |                        |            |
| 6.     | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty  |                        |            |

**Table for Specifications for Item #6.7: Wi-Fi Indoor Access Points**

| S. No. | General Specifications  | Reference Bid Page No. | Compliance |
|--------|---|------------------------|------------|
| 1.     | Access Point shall support 2.4GHz and 5Ghz or higher  |                        |            |
| 2.     | Access Point shall be able to powered up using PoE / PoE + / UPoE (.af/.at/.bt)   |                        |            |
| 3.     | Access Point shall support assurance, packet capture, RF sensing capabilities   |                        |            |
| 4.     | Access Point shall support encrypted traffic visibility <b>(Optional)</b>   |                        |            |
| 5.     | Access Point shall support application visibility and control   |                        |            |
| 6.     | Access Point should have BLE/Zigbee radio to support use cases of location, asset tracking and analytics, from Day1   |                        |            |
| 7.     | Access Point shall ship with metal/fibre-based mounting bracket for durability and reliability  |                        |            |
| 8.     | Access Point shall be able to leverage current Access Point mount kit /cable conduit  |                        |            |
| 9.     | Access Point shall provide console-based connectivity that uses standard interfaces such as RJ45/serial USB connection/special SSID for initial config and during disconnected network situations. If serial USB connection is supported by the AP model (10 nos. of min 3ft serial USB cable to be provided at no extra cost). |                        |            |
| 10.    | Must have multi-gigabit (1G/ 2.5G/5G/10G ) Ethernet (RJ45).   |                        |            |
| 11.    | Access Point should have a USB port for future requirements.  |                        |            |
| 12.    | Must Support min. PHY data rate up to 2.5 Gbps or higher  |                        |            |
| 13.    | Must support a minimum of 21-23dBm of transmit power in both 2.4Ghz and 5Ghz radios and should follow the local regulatory Norms.   |                        |            |
| 14.    | Must support AP enforced load-balance between 2.4Ghz and 5Ghz band.   |                        |            |
| 15.    | Must incorporate radio resource management for power, channel and performance optimization  |                        |            |
| 16.    | Must have -97 dB or better Receiver Sensitivity.  |                        |            |
| 17.    | Must support Proactive Key Caching and/or other methods for Fast Secure Roaming.  |                        |            |
| 18.    | Must support Management Frame Protection.   |                        |            |
| 19.    | Must support the ability to serve clients and monitor the RF environment concurrently.  |                        |            |
| 20.    | Same model AP that serves clients must be able to be dedicated to monitoring the RF environment.  |                        |            |
| 21.    | Must be plenum-rated (UL2043).  |                        |            |
| 22.    | Access Point must continue serving clients when the internet link to the controller is down, Controllers should be configured in High availability. In case both Controllers fail, Aps should have the capability to serve the clients.   |                        |            |
| 23.    | The solution should have high availability of controllers to avoid the single point of failure. In case both controllers fail.<br>APs should have the capability to serve the clients by converting them to FAT/IAP/Bridge mode automatically or with manual configuration changes. <b>(Optional)</b>                           |                        |            |
| 24.    | Must support telnet and/or SSH login to APs directly for  |                        |            |

| S. No. | General Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
|        | troubleshooting flexibility.   |                        |            |
| 25.    | Must support 802.11e and WMM   |                        |            |
| 26.    | Must support QoS and Video Call Admission Control capabilities.                        |                        |            |
| 27.    | Access point should be WIFI 6 certified.   |                        |            |
| 28.    | Must support downlink and uplink OFDMA   |                        |            |
| 29.    | Must support TWT & BSS coloring  |                        |            |
| 30.    | Must support WPA3 - enterprise 192-bit encryption                                      |                        |            |
| 31.    | Peak integrated antenna gain on each radio with min. 4dBi on 2.4Ghz min. 5dBi on 5Ghz. |                        |            |
| 32.    | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty                                 |                        |            |

**Table for Specifications for Item #6.8: Wireless Controller**

| S. No. | General Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 1.     | AP should be able to tunnel traffic to remote location to WLC/tunnel aggregator device using protocols like VxLAN / EoGRE/ L2TP/ Capwap/ GRE   |                        |            |
| 2.     | Proposed WLC should be an on premise HW appliance-based solution. No VM based solutions are accepted.  |                        |            |
| 3.     | Support for new Wi-Fi 6 (802.11ax), WPA3 and Enhanced Open and existing standards  |                        |            |
| 4.     | WLC should have capability to host 2000 APs from day 1.  |                        |            |
| 5.     | WLC should support 30K or more clients   |                        |            |
| 6.     | WLC/ WLAN Tunnel aggregator devices should have 4 nos. of 1/10G SFP+ to connect to LAN   |                        |            |
| 7.     | Should support multiple redundancy models like 1+1. On Premise WLC Must support 1+1 or N+1 redundancy  |                        |            |
| 8.     | WLC Must support an ability to dynamically adjust channel, power settings and airtime, based on the RF environment. Radio coverage algorithm must allow adjacent WAPs to operate on different channels, in order to maximize available bandwidth and avoid interference. |                        |            |
| 9.     | Wireless Controller should support Access Control based on Identity/Role/Device/Time or Application.   |                        |            |
| 10.    | WLC should have 4K VLANs   |                        |            |
| 11.    | should supports IPSec/SSL encryption standards   |                        |            |
| 12.    | Should support coverage hole detection and correction that can be adjusted on a per WLAN basis.  |                        |            |
| 13.    | Should support RF Management with 20, 40, 80 & 160 MHz channels  |                        |            |
| 14.    | Should support Access Control Lists (ACLs).  |                        |            |
| 15.    | Should support built-in /URL redirection for web authentication  |                        |            |
| 16.    | Should be able to set a maximum per-user bandwidth limit on a per-SSID basis.  |                        |            |
| 17.    | Should provide Mesh capability for Mesh supported AP   |                        |            |
| 18.    | Must support client roaming as per IEEE standard 802.11r or  |                        |            |

| S. No. | General Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
|        | WLC/APs across layer3 routed boundaries  |                        |            |
| 19.    | Should support spectrum analysis and be able to classify different types of interference.  |                        |            |
| 20.    | Should provide multiple real-time charts/logs showing interferers per access point, on a per- radio, per-channel basis.  |                        |            |
| 21.    | System should provide real-time troubleshooting and visualization. Any specialized hardware and software required for the same should be provided by the vendor.             |                        |            |
| 22.    | WLC should support Application Visibility and Control (AVC).   |                        |            |
| 23.    | Support for configuring media streams with different priority to identify specific video streams for preferential QoS treatment.   |                        |            |
| 24.    | To deliver optimal bandwidth usage, reliable multicast must use a single session between AP and Wireless Controller.   |                        |            |
| 25.    | Should support IPv4 & IPv6.  |                        |            |
| 26.    | For smooth, seamless and easy manageability, operation, interoperability and maintenance, the bidder should offer/quote WLC & WAPs of the same make (OEM).                   |                        |            |
| 27.    | Solution should support application visibility and control (applications like social media, Video Streaming, Video Conferencing apps, etc.)                                  |                        |            |
| 28.    | The solution should detect and automatically prevent all types of Rogue (unauthorized APs connected to the network) APs.   |                        |            |
| 29.    | WLC should support complete WIPS/WIDS support, via integrated or through external appliance  |                        |            |
| 30.    | The solution to support automatic packet capture in the event of a client failure or anomalous events.   |                        |            |
| 31.    | The WLAN solution should provide an easy GUI view dashboard to use all the settings, configuration, logs, topology view, etc.,   |                        |            |
| 32.    | The solution should highlight client connection failures during association, authentication and network entry.   |                        |            |
| 33.    | The Solution shall support Hitless/rolling and support AP upgrade feature.   |                        |            |
| 34.    | The solution must be able to detect and automatically prevent any ad hoc network/ all Wi-Fi enabled devices such as smartphones bridging / ICS when connected to the network |                        |            |
| 35.    | The solution must support WPA3 - enterprise 192 bit encryption through WLC, if not available on APs.   |                        |            |
| 36.    | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty   |                        |            |

**Table for Specifications for Item #6.9: NMS**

| S. No. | General Specifications   | Reference<br>Bid Page No. | Compliance |
|--------|--|---------------------------|------------|
| 1.     | <ul style="list-style-type: none"> <li>Solution should have single pane of glass to discover, provision, monitor, manage, analyze and troubleshoot the network</li> <li>Solution should have single pane of glass to discover, monitor, manage, analyze all IP based devices</li> </ul>        |                           |            |
| 2.     | Solution should design the network in a hierarchal manner along with automated provisioning of the devices   |                           |            |
| 3.     | Solution should have self-learning capabilities like discovering the devices, getting on boarded using Plug and play and creating a topology automatically   |                           |            |
| 4.     | Solution should provide complete inventory of network as well as should do the software or firmware image management   |                           |            |
| 5.     | Solution should provide support to upgrade and downgrade the firmware  |                           |            |
| 6.     | Solution should support workflows defined to complete each configurations step by step e.g. RMA process  |                           |            |
| 7.     | Solution should support capabilities like AI/ML to dynamically filter the inventory and provide impacted devices list due to vulnerability.  |                           |            |
| 8.     | Solution should have capabilities to monitor the health of network devices, clients connected to the devices and application accessed over the network.  |                           |            |
| 9.     | Solution should have capabilities to alert/alarm when the issues detected over the network e.g. device health, link utilization etc. etc. and it should be shown under category like P1, P2  |                           |            |
| 10.    | Solution should have capabilities to analyze the database of client's connectivity, devices statistics, applications performance statistics and need to come up with remediation plan in minutes against the issues.   |                           |            |
| 11.    | Solution should support Application visibility using DPI, Client level visibility and device health visibility.  |                           |            |
| 12.    | Solution should have capabilities like sensors for wired and wireless network to simulates real-world client experiences. Sensors can provide pro-active information about the health of your network. <b>(Preferred/Better/Optional)</b>  |                           |            |
| 13.    | Solution should support wireless sensor in terms of AP to do the synthetic probing to capture the health of network pro-actively. <b>(Preferred/Better/Optional)</b>   |                           |            |
| 14.    | <b>Solution should support below for switching</b><br>Client or device DHCP<br>Client or device DNS<br>Client authentication or authorization Switch<br>CPU, memory, temperature<br>Line card<br>Modules<br>Power over Ethernet (PoE) power<br>Ternary Content-Addressable Memory (TCAM) table |                           |            |
| 15.    | Solution should provide the dashboard capability to show case the wireless readiness status, clients connected using   |                           |            |

| S. No. | General Specifications  | Reference Bid Page No. | Compliance |
|--------|---|------------------------|------------|
|        | 802.11n; 802.11ac or 802.11ax / <b>(Better /latest /Higher /Standard)</b> and location level statistics   |                        |            |
| 16.    | Solution should have capabilities like PoE Analytics which provides visibility on the power load and power availability per switch and per port.  |                        |            |
| 17.    | Solution should have capabilities to trace the path to reach the destination across the network to understand any security filters available across the path                                |                        |            |
| 18.    | Solution should have capabilities to go back in time and see the cause of a network issue   |                        |            |
| 19.    | Solution should have capabilities to capture the wireless network information proactively to analyse wireless performance per access point or per Wi-Fi client.                             |                        |            |
| 20.    | Solution should capable to provide Weekly and daily report providing executives a summary of how their network is performing with insights into network devices, clients, and applications. |                        |            |
| 21.    | Solution should have capabilities to classify thousands of networks and home-grown applications and network traffic. (Know and custom applications)   |                        |            |
| 22.    | Solution should support role-based access control (RBAC)  |                        |            |
| 23.    | Solution should support out of box integration with ITSM using generic APIs   |                        |            |
| 24.    | Solution should support out of box integration with IPAM using generic APIs   |                        |            |
| 25.    | Dashboard should have option of time slider of 24 hrs to check information for a specific time period.  |                        |            |
| 26.    | It should have customized dashboard with option to build hierarchical/ building view dashboard.   |                        |            |
| 27.    | Dashboard should able to provide root cause analysis and recommendations to fix problem.  |                        |            |
| 28.    | Dashboard should provide user experience visibility like Throughput analysis, roaming pattern analysis, sticky client information, slow roaming, dual band clients prefer 2.4 Ghz.          |                        |            |
| 29.    | Dashboard should provide network coverage and capacity information like coverage hole, client capacity, Radio utilization.  |                        |            |
| 30.    | <b>Warranty:</b> 5 Years Onsite comprehensive Warranty  |                        |            |
| 31.    | NMS from Same OEM will be preferred   |                        |            |

**Table for Specifications for Item #7.1: Mid-Range Server with necessary accessories**

| S. No. | Features                     | Minimum Specifications   | Reference Bid Page No. | Compliance |
|--------|------------------------------|--|------------------------|------------|
| 1.     | Processor                    | <ul style="list-style-type: none"> <li>The server should have 2 nos. of Intel Xeon (or AMD equivalent or better) latest Generation Processor: 2 x 16 cores, minimum 2.9 GHz clock rate.</li> <li>Processor fully binary compatible to 64/32-bit applications. Number of cores on a single die/socket will be treated as a single processor.</li> </ul>   |                        |            |
| 2.     | Memory                       | <ul style="list-style-type: none"> <li>Minimum 256 GB latest DDR memory or higher.</li> <li>Advanced ECC with multi-bit error protection. The server should be integrated in the factory, tested, certified, chassis intrusion switch enabled.</li> </ul>  |                        |            |
| 3.     | HDD Controller               | 2 Gbps SAS/ nVMe RAID Controller supporting RAID 0, 1, 5 and 6 with 4GB battery backed up Cache  |                        |            |
| 4.     | HDD                          | 4 x 480 GB SSD Hot Swap HDD or Higher  |                        |            |
| 5.     | Video Controller             | Integrated Graphics Controller   |                        |            |
| 6.     | Network Controller           | Minimum 2 x 1 Gbps ports and 4 No.'s (2 x 2 on each network adapter card) of 10/25 Gbps SFP+ ports with 25 Gbps SFP28 LC trans receiver SR Type.   |                        |            |
| 7.     | Fiber Channel HBA            | Two no.'s Dual FC Port 32 Gbps (i.e. 4 Nos. of 32 Gbps.) with LC fiber transceiver SR Type.  |                        |            |
| 8.     | Slots                        | Minimum one free PCI-x/PCI-e Slot  |                        |            |
| 9.     | Ports                        | Minimum 4 USB 3.0 Ports, One dedicated Ethernet Port for OS independent out-of-band hardware management.   |                        |            |
| 10.    | Bays                         | Minimum 2 Hot Swap drive bays  |                        |            |
| 11.    | System Chassis               | Rack Mount, 2U (max) chassis with security bezel, Redundant Hot Swappable Power Supply with Platinum efficiency  |                        |            |
| 12.    | OS Certification             | Certification for latest Server version of Windows and minimum two Linux flavors   |                        |            |
| 13.    | Drivers / Software Utilities | All required device drivers for OS installation /System Configuration and Server Management  |                        |            |
| 14.    | System Management            | Monitoring ongoing management, service alerting, reporting and remote management with embedded dedicated Gigabit out of band management port. Remote Management of Server over LAN & WAN with SSL encryption, Virtual Media and virtual folder with required advanced license, Server Health logging, Directory Services compliance (AD or LDAP), REST/XML API, dynamic/group management of power, licenses including firmware or self-updating firmware system, Configuration backup, zero touch repository manager, Syslog (local / remote). |                        |            |

| S. No. | Features  | Minimum Specifications  | Reference Bid Page No. | Compliance |
|--------|---|---|------------------------|------------|
|        |   | <p>Management software should support integration with popular virtualization platform management software like VCentre, SCVMM, RedhatOpenStack and Red Hat RHEV. Offered Server platform must be ready for container workload deployment</p> <p>Server's integrated remote management subsystem shall have EAL2+ or higher common criteria certification (Certificate copy from Common Criteria Portal to be submitted).</p>   |                        |            |
| 15.    | Serviceability                                  | <ul style="list-style-type: none"> <li>• System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone support.</li> <li>• The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur. Should provide remote firmware update functionality.</li> <li>• Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Solution should be provided for monitoring &amp; analysis feature to predict, prevent and auto-resolve problems and by providing automating case creation and log file submission for the problems that can't be auto-resolved or should have recommendation engine for IT operations management.</li> <li>• Should provide silicon-based hardware root of trust, automatic secure BIOS recovery, cryptographically signed firmware updates.</li> <li>• OEM of the server should have its warehouse in MP for spare.</li> </ul> |                        |            |
| 16.    | Virtualization                                  | Should support Industry Standard Virtualization Software  |                        |            |
| 17.    | Warranty  | 3 years on-site comprehensive OEM Warranty Support with 24X7 coverage and access to OEM TAC/support   |                        |            |
| 18.    | IPv6 Support                                    | All devices should be IPv6 implementation ready from day 1. No extra cost will be borne by MPVS for IPv6 implementation.  |                        |            |
| 19.    | Power Cord                                      | Server should be supplied with compatible IEC C13/C14 3 pin power cord suitable for PDU.  |                        |            |
| 20.    | <b>Additional Accessories and equipment etc</b> | To ensure the proper operational, required Indian power cord, other required cables etc with required length must be supplied with the product.   |                        |            |

**Table for Specifications for Item #7.2: Microsoft Windows Server OS**

| S. No. | Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 1.     | General Requirements   |                        |            |
| 1.1.   | The proposed solution must include the latest stable version of Windows Server OS - Standard Edition |                        |            |
| 1.2.   | Must support on-premises, cloud, or hybrid deployment.   |                        |            |
| 1.3.   | Licensing should comply with OEM, Volume Licensing, or SPLA models.                                  |                        |            |
| 2.     | Performance & Scalability  |                        |            |
| 2.1.   | Must support multi-core processors with efficient workload distribution.                             |                        |            |
| 2.2.   | Capable of handling high availability and load balancing.  |                        |            |
| 2.3.   | Should allow scalability for increasing workloads and users.   |                        |            |
| 3.     | Security & Compliance  |                        |            |
| 3.1.   | Must include built-in security features such as Windows Defender ATP, BitLocker, and Secure Boot.    |                        |            |
| 3.2.   | Support for Role-Based Access Control (RBAC) and Active Directory integration.                       |                        |            |
| 3.3.   | Must support Virtualization-based Security through hardware-level isolation                          |                        |            |
| 3.4.   | Should comply with industry security standards like ISO 27001, HIPAA, and GDPR.                      |                        |            |
| 4.     | Virtualization & Cloud Integration   |                        |            |
| 4.1.   | Must support Hyper-V for server virtualization.  |                        |            |
| 4.2.   | Ability to integrate with Microsoft Azure services for hybrid cloud.                                 |                        |            |
| 5.     | Networking & Connectivity  |                        |            |
| 5.1.   | Must support IPv4, IPv6, and Software-Defined Networking (SDN).                                      |                        |            |
| 5.2.   | Should offer load balancing and failover clustering for high availability.                           |                        |            |
| 6.     | Storage & File System  |                        |            |
| 6.1.   | Support for Resilient File System (ReFS) and NTFS.   |                        |            |
| 6.3.   | Must include deduplication, compression, and encryption.   |                        |            |
| 7.     | Identity & Access Management   |                        |            |
| 7.1.   | Must include Active Directory Domain Services (AD DS) and LDAP support.                              |                        |            |
| 8.     | Backup & Disaster Recovery   |                        |            |
| 8.1.   | Must include native backup and restore functionalities.  |                        |            |
| 8.2.   | Ability to perform incremental and full backups with minimal downtime.                               |                        |            |
| 9.     | Monitoring & Management  |                        |            |
| 9.1.   | Must provide a centralized management console via Windows Admin Center.                              |                        |            |

| S. No. | Specifications   | Reference<br>Bid Page No. | Compliance |
|--------|--|---------------------------|------------|
| 9.2.   | Should support PowerShell scripting and automation.                          |                           |            |
| 9.3.   | Ability to track logs, monitor server health, and generate reports.          |                           |            |
| 10.    | Licensing & Support  |                           |            |
| 10.1.  | Must include valid Microsoft licensing (OEM, Volume, or Cloud Subscription). |                           |            |
| 10.2.  | Must provide Life time license   |                           |            |
| 10.3.  | Should provide at least 5 years of mainstream support and extended support.  |                           |            |

**Table for Specifications for Item #7.3: Linux Server OS**  
**(Two different Flavors / Brands have to be quoted)**

| S. No. | Specifications   | Reference Bid Page No. | Compliance |
|--------|--|------------------------|------------|
| 1.     | Linux Server Latest Edition – Specify the Flavour / Brand (like RHEL, Ubuntu, Fedora, Debian, etc ) and edition                                |                        |            |
| 2.     | System Compatibility & Performance   |                        |            |
| 2.1.   | Must support multi-core processors, high memory capacity, and scalable architecture.   |                        |            |
| 2.2.   | Should be optimized for server, cloud, and container-based deployments.  |                        |            |
| 3.     | Stability, Security & Compliance   |                        |            |
| 3.1.   | Must include SELinux / AppArmor, firewall management, and role-based access control (RBAC).  |                        |            |
| 3.2.   | Should comply with industry security standards like ISO 27001, GDPR, and NIST.   |                        |            |
| 3.3.   | Highly secure by default   |                        |            |
| 3.4.   | Strong emphasis on user control  |                        |            |
| 3.5.   | The OS should be stable and have strong security features.   |                        |            |
| 4.     | Networking & Connectivity  |                        |            |
| 4.1.   | Must support IPv4/IPv6, VPN, and secure SSH access.  |                        |            |
| 4.2.   | Should include load balancing, clustering, and high-availability features.   |                        |            |
| 5.     | Package Management & Support   |                        |            |
| 5.1.   | Must support Life time license   |                        |            |
| 5.2.   | Must provide stable and long-term support (LTS) versions.  |                        |            |
| 5.3.   | Should support package management systems like APT, YUM, or DNF  |                        |            |
| 5.4.   | Must support GNU Tools: A collection of essential tools like the GNU Compiler Collection (GCC), the GNU C Library (glibc), and the Bash shell. |                        |            |
| 5.5.   | Must support Software Ecosystem: Large and growing software library  |                        |            |
| 5.6.   | Server Hardware Compatibility: Compatible with the mentioned Server specifications   |                        |            |
| 5.7.   | Availability of required drivers   |                        |            |
| 5.8.   | Vast Software Repositories: Should provide access to a vast collection of open-source software packages through package managers.              |                        |            |
| 6.     | User Interface:  |                        |            |
| 6.1.   | Command-Line Interface (CLI): OS should have Powerful command-line tools for advanced users.   |                        |            |
| 6.2.   | Graphical user interfaces (GUIs)   |                        |            |
| 6.3.   | Customization options: Source code should allow for customization allowing users to tailor the system to their specific needs.                 |                        |            |
| 6.4.   | Active Community: A large and active community provides support, resources, and ongoing development.   |                        |            |

### **Annexure TQ2: Product Technical Brochure**

**Bid No..... Dated: .....**

### **Annexure TQ3: Technical Specification Compliance Form**

**Bid No..... Dated: .....**

(This form has to be provided by the OEMs of the products proposed. Separate MAF's to be provided by each of the OEM)

Name of OEM: \_\_\_\_\_

| Item No. | Proposed Model | Compliance of Specifications by Bidder (Yes/No) |
|----------|----------------|---|
|          |                |   |
|          |                |   |
|          |                |   |

Place:

Date:

Bidder's Company Seal: Authorized Signatory's Signature: Authorized Signatory's Name and Designation

**Annexure FQ1: Commercial Bid Letter (Company Letter head)**

**Bid No..... Dated: .....**

To,

**TheManagingDirector**

**National Informatics Centre Services Inc. (NICS)**

**NewDelhi**

**Sub: Submission of the response to the Bid No. <\_\_\_\_\_> Dated: <\_\_\_\_\_> for  
Selection of System Integrator Agency for the Tender for <\_\_\_\_\_>.**

Dear Sir,

We, the undersigned, offer to provide Services to NICS / NIC / THE USER in response to the afore-mentioned Bid. for the selection of System Integrator Agency for <RFP Title>. We are hereby submitting our Proposal, which includes this Eligibility Criteria / Technical Bid and the Commercial Bid.

We hereby declare that all the information and statements made in this Commercial Bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the services related to the assignment not later than the date indicated in the RFP.

**1. DEVIATIONS**

We declare that all the services shall be performed strictly in accordance with the RFP documents irrespective of whatever has been stated to the contrary anywhere else in our bid. Further we agree that additional conditions, if any, found in our bid documents, shall not be given effect to.

**2. EARNEST MONEY DEPOSIT (EMD)**

We have enclosed an EMD in the form of Demand Draft for a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_). This EMD is liable to be forfeited in accordance with the provisions of the Section: General Conditions of the Contract.

**3. TENDER PRICING**

We further confirm that the prices stated in our bid are in accordance with your Instruction to Bidders included in Tender documents.

**4. QUALIFYING DATA**

We confirm having submitted the information as required by you in your Instruction to Bidders. In case you require any other further information/ documentary proof in this regard before evaluation of our Tender, we agree to furnish the same in time to your satisfaction.

**5. BID PRICE**

We declare that our Bid Price is for the entire scope of the work as specified in the RFP. These prices are indicated in **Annexure FQ2: Commercial Bid** attached with our Tender as part of the Tender.

**6. CONTRACT PERFORMANCE GUARANTEE BOND**

We hereby declare that in case the contract is awarded to us, we shall submit the Contract Performance Guarantee bond in the form prescribed in **Annexure GEN2: Format for Contract Performance Guarantee**. We hereby declare that our Tender is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to

the best of our knowledge and belief.

We understand that our Tender is binding on us and that NICS I is not bound to accept the Tender submitted by us. We confirm that no technical deviations are attached here with this commercial offer.

Yours sincerely,

|   |   |       |
|---|---|-------|
| Authorized Signature <In full and initials> | : | _____ |
| Name and Title of Signatory                 | : | _____ |
| Name of Firm                                | : | _____ |
| Address                                     | : | _____ |
| Location                                    | : | _____ |
| Date  | : | _____ |

## Annexure FQ2: Commercial Bid

Name of the Bidder: \_\_\_\_\_

### Annexure FQ2A - Table-A: IT Infrastructure (Other than Networking Items)

**Including Supply, Installation, Configuration, Testing. Commissioning & Maintenance with 3 years of Warranty unless mentioned otherwise**

| S.No. | Item Name   | Unit Price | Warranty Price for 03 Years | Total Price | GST    | GST Amount | Total Unit Price | Total Indicative Quantity | Final Cost |
|-------|---|------------|-----------------------------|-------------|--------|------------|------------------|---------------------------|------------|
|       |   | (inRs.)    | (inRs.)                     | (inRs.)     | (in %) | (inRs.)    | (inRs.)          | Units                     | (inRs.)    |
|       | 1   | 2          | 3                           | 4= 2 +3     | 5      | 6          | 7=4+6            | 8                         | 9=7X8      |
| 1.    | <b>Item #1: Tablet Devices - Samsung Galaxy Tab S10 Plus with 3 years warranty (For House)</b>                |            |                             |             |        |            |                  |                           |            |
| 1.1.  | Tablet devices - Samsung Galaxy Tab S10Plus with 3 years warranty   |            |                             |             |        |            |                  | 300                       |            |
| 1.2.  | 4 in 1 adaptor  |            |                             |             |        |            |                  | 275                       |            |
| 1.3.  | Tablet Metal Stand  |            |                             |             |        |            |                  |                           |            |
|       | Type 1 Stand: Full Stand Mounting Mechanism   |            |                             |             |        |            |                  | 253                       |            |
|       | Type 2 Stand: Sliding Stand Mounting Mechanism  |            |                             |             |        |            |                  | 22                        |            |
| 1.4.  | Mobile Device Management Tool   |            |                             |             |        |            |                  | 275                       |            |
| 2.    | <b>Item #2: Touch Screen Devices (Tablet) - Samsung Galaxy Tab S10 Plus with 3 years warranty For Members</b> |            |                             |             |        |            |                  | 250                       |            |
| 3.    | <b>Item #3: All in one PC with 3 years warranty</b>   |            |                             |             |        |            |                  |                           |            |
| 3.1.  | All in one PC   |            |                             |             |        |            |                  | 97                        |            |
| 3.2.  | Microsoft Office  |            |                             |             |        |            |                  | 97                        |            |
| 3.3.  | Antivirus   |            |                             |             |        |            |                  | 97                        |            |

| S.No. | Item Name   | Unit Price | Warranty Price<br>for 03 Years | Total<br>Price | GST    | GST<br>Amount | Total Unit<br>Price | Total Indicative<br>Quantity | Final Cost |
|-------|---|------------|--------------------------------|----------------|--------|---------------|---------------------|------------------------------|------------|
|       |   | (inRs.)    | (inRs.)                        | (inRs.)        | (in %) | (inRs.)       | (inRs.)             | Units                        | (inRs.)    |
|       | 1   | 2          | 3                              | 4= 2 +3        | 5      | 6             | 7=4+6               | 8                            | 9=7X8      |
| 4.    | <b>Item #4: Laptop with 3 years warranty</b>  |            |                                |                |        |               |                     |                              |            |
| 4.1.  | Laptop  |            |                                |                |        |               |                     | 15                           |            |
| 4.2.  | Microsoft Office  |            |                                |                |        |               |                     | 15                           |            |
| 4.3.  | Antivirus   |            |                                |                |        |               |                     | 15                           |            |
| 4.4.  | Laptop Bag  |            |                                |                |        |               |                     | 15                           |            |
| 5.    | <b>Item #5: VC Studio System with 3 years warranty</b>  |            |                                |                |        |               |                     | 4                            |            |
| 6.    | <b>Item # 7: Mid-Range Server with necessary accessories Without OS; and 2 Linux Flavor with 3 years warranty</b> |            |                                |                |        |               |                     |                              |            |
| 6.1   | Mid-Range Server with necessary accessories   |            |                                |                |        |               |                     | 2                            |            |
| 6.2   | Microsoft Windows Server OS (Latest Version)  |            |                                |                |        |               |                     | 2                            |            |
| 6.3   | Linux Server OS – Flavor / Brand – 1  |            |                                |                |        |               |                     | 1                            |            |
| 6.4   | Linux Server OS – Flavor / Brand – 2  |            |                                |                |        |               |                     | 1                            |            |
|       |   |            |                                |                |        |               |                     |                              |            |
|       | <b>Total (A) in Rupees</b>  |            |                                |                |        |               |                     |                              |            |

## Annexure FQ2B- Table-B: Active Networking Items

**Including Supply, Installation, Integration, Configuration, Testing and Commissioning with 3 years of Warranty**

| S. No. | Item Name  | Unit Price | Warranty Price for 03 Years | Total Price | GST    | GST Amount | Total Unit Price | Indicative Quantity | Final Cost |
|--------|--|------------|-----------------------------|-------------|--------|------------|------------------|---------------------|------------|
|        |  | (inRs.)    | (inRs.)                     | (inRs.)     | (in %) | (inRs.)    | (inRs.)          | Number              | (inRs.)    |
|        | 1  | 2          | 3                           | 4= 2 +3     | 5      | 6          | 7=4+6            | 8                   | 9=7X8      |
| 1      | <u>Layer3 Switch 24 Port 1/10 Gbps SFP+Port,2nos</u> and 40/100Gbps Uplink ports with redundant power supply and stacking module & cable 1.5M with single mode optical fiber module and Advance Routing Licenses, (IPv4 and IPV6) Also should be loaded with 40/100GOptics.(Supply and Installation, Configuration and Integration) with Indian power cables with 5 years warranty |            |                             |             |        |            |                  | 2                   |            |
| 2      | <u>Layer-2: 24 ports 10/100/1000 MBPS manageable Layer2 Switch with SFP+ Ports</u> and 2/4 nos. 1/10GBPS optical single mode Uplink ports, support for stacking module, basic Routing Licenses & Indian power cable with 5 years' warranty   |            |                             |             |        |            |                  | 4                   |            |
| 3      | <u>Layer2 - 48 ports 10/100/1000 MBPS 2/4-1/10G SFP+ Ports, PoE+ manageable Layer2 Switch</u> with optical single mode Uplink ports, support for stacking module, and 1.5 Mtr Cable. basic Routing Licenses & Indian power cable with 5 years' warranty, Installation, Configuration and Integration   |            |                             |             |        |            |                  | 28                  |            |
| 4      | <u>Layer 2: 48 ports 10/100/1000 MBPS manageable Layer2 Switch</u> and 2/4 nos. 1/10GBPS optical single mode Uplink ports, stacking module & cable 1.5m, basic Routing Licenses & Indian power cable with 5 years' warranty, Installation, Configuration and Integration   |            |                             |             |        |            |                  | 15                  |            |

| S. No. | Item Name  | Unit Price | Warranty Price for 03 Years | Total Price | GST    | GST Amount | Total Unit Price | Indicative Quantity | Final Cost |
|--------|--|------------|-----------------------------|-------------|--------|------------|------------------|---------------------|------------|
|        |  | (inRs.)    | (inRs.)                     | (inRs.)     | (in %) | (inRs.)    | (inRs.)          | Number              | (inRs.)    |
|        | 1  | 2          | 3                           | 4= 2 +3     | 5      | 6          | 7=4+6            | 8                   | 9=7X8      |
| 5      | Transceiver Fibre: 1 port 1000 Base LX-transceivers SFP Pluggable GBIC, SM LC connector compatible with above Layer 2 and Layer 3 Switches with 5 years warranty |            |                             |             |        |            |                  | 70                  |            |
| 6      | Transceiver Copper: 1 port 1000 Base Tx-transceivers SFP pluggable GBIC, with 5 years warranty, Installation, Configuration and Integration                      |            |                             |             |        |            |                  | 5                   |            |
| 7      | Wi-Fi Access Point with 5 years' warranty (As per Specification, including Site Survey, Supply & Installation)   |            |                             |             |        |            |                  | 75                  |            |
| 8      | Wi-Fi - Wireless Controllers with 100 Access Points License (As per Specification with Supply, integration and Installation) with 5 years'                       |            |                             |             |        |            |                  | 2                   |            |
| 9      | Network Management Systems (NMS) - with required hardware for around 60 devices with 5 years' warranty (as per specifications)                                   |            |                             |             |        |            |                  | 1                   |            |
| 10     | Total (B) in Rupees  |            |                             |             |        |            |                  |                     |            |

## **Annexure FQ2CTable-C: Manpower**

(Four - 04 full time Onsite technical manpower for 03 years)

| S.N<br>o. | Item Name  | Unit Price | GST                                    | GST Amount | Total Unit<br>Price | Indicative<br>Quantity | Total No Of<br>Months | Total Final Cost |
|-----------|--|------------|--|------------|---------------------|------------------------|-----------------------|------------------|
|           |  | (in Rs.)   | (in %)                                 | (in Rs.)   | (in Rs.)            | Number                 | In Number             | (in Rs.)         |
|           | 1  | 2          | 3                                      | 4          | 5=2+4               | 6                      | 7=6X36<br>Months      | 8=5X7            |
| 1.        | On Call Support Charges (Optional)                             |            |  |            |                     |                        |                       |                  |
| 2.        | Onsite Support Cost (Technically qualified manpower) per month |            | Manpower for 03 Years, means 36 Months |            |                     |                        |                       |                  |
| 2.1.      | Project Manager / Sr. Network Admin (SPOC)                     |            |  |            |                     |                        |                       |                  |
| 2.2.      | Sr. Network Admin  |            |  |            |                     |                        |                       |                  |
| 2.3.      | Network Admin / Sr. Network Operator cum Field Engineer        |            |  |            |                     |                        |                       |                  |
| 2.4.      | Network Operator cum Field Engineer                            |            |  |            |                     |                        |                       |                  |
| 2.5.      | ...add other   |            |  |            |                     |                        |                       |                  |
|           | <b>Total (C) in Rupees</b>                                     |            |  |            |                     |                        |                       |                  |
|           |  |            |  |            |                     |                        |                       |                  |

### **Gross Total Value**

L1 value calculation (Consisting of Other Items,Active Networking Items and Manpower) -

Gross Total Value(GTVX) = (A of Table-A)+(B of Table-B) + (C of Table-C) = Rs. \_\_\_\_\_

GTV (X) in Figure= Rs. \_\_\_\_\_

GTV (X) in Words = Rupees \_\_\_\_\_

**Signature of Authorized Signatory**

**Name**