

EXPRESSION OF INTEREST

Punjab Vidhan Sabha

Eol reference number: PVS-COMP/2021-22/1

Eol for Selection of products/makes of vendors by Inviting Vendors Demonstration before Technical Committee of State level State Project Management Unit (SPMU) of Punjab Vidhan Sabha for hardware items to be procured by Punjab Vidhan Sabha under NeVA project.



**SECRETARY, PUNJAB VIDHAN SABHA,
SECTOR-1. CHANDIGARH, PUNJAB 160001
PHONE 0172-2740472 (FAX), 0172-2740786 (O)
EMAIL: SECY-VS-PUNJAB@NIC.IN**

INTRODUCTION

National eVidhan Application (NeVA), a Mission Mode Project, a part of Digital India is to make Punjab Legislature paperless/ digitalized, streamlining all the processes for information exchange with the different Government Departments and to publish the contents on the public portal as and when it happens. It also aims at to assist the Members of the Legislature to use the latest ICT tools for preparing themselves for participation in the legislative debates more effectively and to be in contact with the officers related to their Legislative Constituency using e-Constituency Management. This will provide a platform to the Members of the Legislature for resolving the genuine problems of their constituents quickly and efficiently.

Hardware Assets required for establishment of NeVA Project in Punjab Vidhan Sabha, will provide computer facilities and infrastructure in the office of the Hon'ble Speaker, Hon'ble Deputy Speaker, Secretary and senior officers, setting up of Local Area Network/ Wide Area Network infrastructure, e Mail/ Internet empowerment/ e- facilitation center for Members, electronic laying of papers, creating of dynamic web site of the State Legislative Assemblies, computerization of all the branches of the State/ UTs Legislatures including Reporter's Branch, Legislative Branch, Editing Branch, Question Branch, Committee Branches, Library reference Services, Members Amenities and Service Branch.

DISCLAIMER

The issue of this document does not in any way commit or otherwise obliges Punjab Vidhan Sabha Secretariat to proceed ahead with all or any part of a pre-qualification empanelment process.

Secretary, Punjab Vidhan Sabha may, at its absolute discretion, shortlist, accept, disqualify, elect to abandon, reject any part or whole of the process without giving prior notice to the proponents or potential proponents. Secretary, Punjab Vidhan Sabha reserves the right to cancel the EoI in totality without assigning any reason at any point of time.

This document is only for preparation and selection of right technology and methodology for procurement. This is being done to ensure that only quality products with proven track record are supplied while implementing the NeVA project in Punjab. Secretary, Punjab Vidhan Sabha is in no way bound to limit its business enquiry / circulars to empaneled supplier(s) only.

The applicants here to agree that the Arbitrator designated by the Secretary, Punjab Vidhan Sabha shall have the exclusive jurisdiction to settle any or all disputes which may arise out of or in connection with this EoI.

SCOPE OF WORK

The objective of this EoI is the selection of products/makes of vendors by Inviting Vendors' Demonstration before Technical Committee of State level State Project Management Unit (SPMU) of Punjab Vidhan Sabha for hardware items to be procured by Punjab Vidhan Sabha under NeVA project.

PARAMETERS FOR THE SELECTION OF PRODUCTS/MAKES OF VENDORS

List of broad parameters for the selection of products/makes of vendors for each category of items required for implementing NeVA Project in Punjab Vidhan Sabha, is enclosed as Annexure-A

HARDWARE ITEMS REQUIRED FOR ESTABLISHMENT OF NEVA PROJECT IN PUNJAB VIDHAN SABHA

List of Hardware items required for establishment of NeVA Project in Punjab Vidhan, is enclosed as Annexure-B.

Quantity of items is tentative and it may be increased or decreased at the time of floating limited tender or placing work order for the procurement of various hardware items required under NeVA Project.

RESPONSE TO THE EOI

The responses are invited from interested major OEMs (Original Equipment Manufacturers) or their authorized dealers (only one authorized dealer allowed). The response to the Eoi should specify the following:

1. Information about the organization (company profile, relevant experience and case studies, any additional information)
Experience of work for similar kind of project with details of technology used and case study.
2. Information and supporting documents for evaluating the parameters for the selection of products/makes of vendors as prescribed in the annexure-A
3. Write-up on the approach and methodology for installation and maintenance of the hardware for next 5 years.
4. High Level and Low Level Designs with details of products/makes for the NeVA project.

5. Schedule for delivery of the hardware
6. Service and support escalation flowchart for the mentioned uptime.
7. Tentative cost of products/makes including comprehensive warranty for 5 years
8. Flowchart information about the organization (company profile, relevant experience and case studies, any additional information).
9. The interested parties may also submit the details of all pre-requisites (if any) required from dept. / user end.

Submission

Interested parties should furnish their interest through email at secy-vs-punjab@nic.in before date **07/06/2022** and they will be required to give a detailed presentation and demonstration at PVS (Address: Secretary, Legislative Assembly of Punjab, Sector 1, Chandigarh, Punjab 160001) about their products/makes before Technical Committee of State level State Project Management Unit (SPMU) of Punjab Vidhan Sabha for hardware items to be procured by Punjab Vidhan Sabha under NeVA project on date to be intimated later through email by Punjab Vidhan Sabha For any further queries, please feel free to call Sh. Sujeet Kumar, System Analyst, Punjab Vidhan Sabha at mobile no. 7009097090.

Based on the recommendations of Technical Committee on inputs of EoI for products/makes, the State Project Management Unit (SPMU) of Punjab Vidhan Sabha shall decide the further methodology and technology for floating limited tender for the procurement of various hardware items required under NeVA Project.

Date of issue of EOI: 23/05/2022

Annexure-A
Draft list of broad parameters for the selection of products/makes of vendors for each category of items required for implementing NeVA Project in Punjab Vidhan Sabha

S. No.	Parameters for the selection of products/makes of vendors	Marks Criteria	Max. Marks
1	Certifications of the proposed products	One mark for each certificate	5
2	Number of years of operation or sale of same / similar product in India.	5 marks for 5 to 10 years, 10 marks for 10 to 15 years and 15 marks for more than 15 years	15
3	Continuous Service support after installation	5 marks for 5 years and 10 marks for 7 years	10
4	Onsite support during session and immediate replacement of the faulty item.	15 marks for replacement within 4 hours, 10 marks for replacement within 10 hours and 5 marks within 24 hours	15
5	Service Centre should be available at Tri-city Chandigarh and having sufficient number of qualified engineers for providing immediate service for each item.	15 marks	15
6	Comparing sale of items during last five years (Total Turnover).	5 marks for turnover between 10 crores and 25 crores, 10 marks for turnover between 25 crores and 50 crores and 15 marks for turnover more than 50 crores	15
7	Compliance of Make In India Clause of Govt. of India	5 marks	5
Total Marks			80
Qualifying Marks			60

Annexure-B

Hardware Assets required for establishment of NeVA Project in Punjab Vidhan				
S. No.	Items	Specification(s)	Qty.	Remarks/Features
Category -1 : Touch Screen devices for Assembly House (Make : DELL, HP, Lenovo OR Equivalent Level) Mandatory Condition: - Make of the CPU, Monitor, Keyboard and Mouse should be same in case of desktops/all in one.				
1	Touch Screen Devices	Processor Description Intel Core i5 or similar quality RAM Size (GB) 4 GB or More Display Size (INCHES) 21.5 inch Processor Generation 10 or more Operating System (Factory Pre-Loaded) Windows 10 Professional Wireless Connectivity Yes (Preferred)-> Wi-Fi 802.11ac Mouse Connectivity Wired Type of Mouse Optical Scroll Keyboard Connectivity Wired Type of Keyboard Standard On Site OEM Warranty (Year) 5 years Stand : Articulating Stand	152	For Assembly House
2	Stand for Touch Screen Tablet Devices	Articulating Stand to be fixed on each table in the Assembly House(Up-Down-Left-Right Movement)	125	For Assembly House
Category -2 : Non Touch All-In-One, Laptop, PC (Make : DELL, HP, Lenovo, Acer OR Equivalent Level) Mandatory Condition: - Make of the CPU, Monitor, Keyboard and Mouse should be same in case of desktops/all in one.				
1	PC (All-In-One Non-touch Computer System)	Processor Description Intel Core i5 or more OR AMD Ryzen 5 or more RAM Size (GB) 8 GB or More Display Size (INCHES) 21.5 inch or more (ALL in One PC) Processor Generation 9 or more Operating System (Factory Pre-Loaded) Windows 10 Professional	160	For employees and NeVA Technical Team

		Wireless Connectivity Yes (Preferred)-> Wi-Fi 802.11ac Mouse Connectivity Wired Type of Mouse Optical Scroll Keyboard Connectivity Wired Type of Keyboard Standard On Site OEM Warranty (Year) 5 years		
2	PC	Processor Description Intel Core i5 or more OR AMD Ryzen 5 or more RAM Size (GB) 8 GB or More Display Size (INCHES) 16 inch or more Processor Generation 9 or more Operating System (Factory Pre-Loaded) Windows 10 Professional Mouse Connectivity Wired Type of Mouse Optical Scroll Keyboard Connectivity Wired Type of Keyboard Standard On Site OEM Warranty (Year) 5 years	4	For employees
3	Laptop	Processor Description Intel Core i5 RAM Size (GB) 8 GB or More Display Size (INCHES) 14 inch or more (Laptop) Processor Generation 9 or more Operating System (Factory Pre-Loaded) Windows 10 Professional Mouse Connectivity Wired Type of Mouse Optical Scroll Keyboard Connectivity Wired Type of Keyboard Standard On Site OEM Warranty (Year) 5 years or more	24	22 for Officers and two for software demonstration (IT cell and NIC office)
4	Apple Mac Book Laptop	8-core CPU delivers up to 2.8x faster performance to fly through workflows quicker than ever	1	For iOS mobile app customization

		8-core GPU with up to 5x faster graphics for graphics-intensive apps and games 16-core Neural Engine for advanced machine learning 8GB of unified memory so everything you do is fast and fluid Superfast SSD storage launches apps and opens files in an instant		
5	Apple Mac PC	8-core CPU delivers up to 2.8x faster performance to fly through workflows quicker than ever 8-core GPU with up to 5x faster graphics for graphics-intensive apps and games 16-core Neural Engine for advanced machine learning 8GB of unified memory so everything you do is fast and fluid Superfast SSD storage launches apps and opens files in an instant	1	For iOS mobile app customization
Category -3 : Printer (Make : HP, Canon, Epson OR Equivalent Level)				
1	MFD Printer with Scanners	Hardware Platform PC, Tablet, Smartphone Hardware Interface USB, Ethernet Max Printspeed Monochrome 20 ppm Max Printspeed Colour 20 ppm Printing Media Type Envelopes Printer Output Type Monochrome Printing Technology Laser Supports Dual Sided Printing No Printer Media Size Maximum A4, B5, A6, DL, envelope Display Type LCD	4	RELIABLE HP QUALITY - Print, Scan, Copy effortlessly with the multifunction Laser MFP; Print speeds Upto 20 PPM RELIABLE CONNECTIVITY - Enjoy seamless connectivity; print from a variety of smartphones and tablets with Wi-Fi Direct EASY TO SETUP, EASY TO USE - Simple setup, Print & Scan from your phone, with the Smart app. PROVEN TRACK RECORD - Bestseller, robust, share quality
2	M F Color Printers	Cartridge Technology Composite Cartridge Printing Technology Laser Type of Printing Colour Paper Size A4	10	EASILY SHARE RESOURCES – Access and Print with wireless networking. USER INTERFACE - Intuitive Smart User Interface; Quick and easy printing

		Print Speed per minute as per ISO/IEC 24734 in (A4) Size - Mono 40 Print Speed per minute as per ISO/IEC 24734 in (A4) - Color 40		COMPACT DESIGN - Designed to fit your space; You can fit this MFP almost anywhere – it's that small and compact.
Category -4 : VC System (Make : PolyCom, Sony, Logitech, PeopleLink OR Equivalent Level)				
1	Desktop VCs	Display Size (INCHES) 16 inch or more	4	For Secretary and Other Officers
2	VC studios	Latest video standards H.264, H.265 Should support 60 fps with 1080p resolution. Should support H.239 and BFCP protocols Should have at least 1 x Video Input: HDMI inputs to connect Full HD cameras. Must have 2 HDMI inputs to connect two laptops/PC for presentations Camera : 1920 x 1080 pixels progressive @ 60fps Minimum of 10 x optical zoom Should consists of a High Definition 1080p@60fps Camera with Pan Tilt and Zoom. Should have at least 70 degrees static field of view.	2	One studio in Committee Room and other studio in NIC office (to be compatible with NIC VC Studio System)
Category - 5 : Display System e.g. Projection System, Digital Board and Display Panel (Make : Optoma, Epson, Dell, LG, Hitachi, Sony, Benq, Panasonic, ViewSonic OR Equivalent Level)				
1	Projection System	Multimedia Projector (MMP) Technology LCD Native Resolution 1920 x 1200 (WUXGA) Brightness (Lumens) 4500 Contrast Ratio (Minimum) (pixels) (X :1) 3000000 Optical Zoom Yes Type of Light Source Laser LAN Connectivity Yes On Site OEM Warranty 5 Portable : Yes Along with one Projector Screen(preferred should be a white board) On Site OEM Warranty (Year) 5 years	5	For training and demonstration purpose

2	Digital Board (Interactive Digital Board)	Display : 65" Resolution : 3,840 × 2,160 (UHD) Resolution (Android) : 3,840 × 2,160 (UHD) Brightness (w/ Glass) : (Typ.) 330, 330, 350 nit Touch Type : IR Multi Touch Point Max : 20 Points Input : HDMI (3), USB 3.0 (3), USB 2.0 (3), RGB (1), Audio (1), RS-232C (1), RJ45 (1) Output : HDMI Out (1), Audio (1), Touch USB (2)	1	For training purpose
3	Display Panels	Type LED Backlit LCD Screen Size (Inches) 55 Resolution (Pixels) (3840x2160) UHD Category Smart Mount Type Both table and wall mount Inbuilt Speakers Yes If Yes, Wattage of Speakers 10W x 2 Number of HDMI Ports 4 Number of USB Ports 3 Number of VGA Ports 0 Number of Ethernet Ports 1 Built-in Wi-fi Yes Wi-fi Direct Yes Warranty(Years) 1 or more	10	2 nos. for VC Studios and 8 for House proceedings
Category - 6 : UPS (Make : APC, Microtek, Luminous, Zebronics OR Equivalent Level)				

	UPS (500 VA)		51	<p>1. Reliability – Evaluates a configuration’s capability to maintain conditioned power to the load .</p> <p>2. Complexity – Looks at the complexity of the configuration and the potential for single point failures.</p> <p>3. Maintainability – The system configuration must allow for concurrent maintenance of all power system components – supporting the load with part of the UPS system while other parts are being serviced.</p> <p>4. Functionality – The system configuration must be able to protect the critical load from a full range of power disturbances without transferring the critical load to external power sources, i.e. batteries or alternate power sources.</p>
2	UPS (2KVA)	UPS 2 KVA	25	
3	UPS (5KVA)	UPS (5KVA)	2	
4	UPS (10 KVA)	UPS (10 KVA)	6	
Category - 7 : Touchpad , Size 11”, 12” and 13” inch (Make : Samsung, Apple, Microsoft, OR Equivalent Level)				
1	Touchpad	Bluetooth Wide stereo audio Wi-Fi Up to 10 hours of battery life USB-C connector for charging and accessories Support for Magic Keyboard, Smart Keyboard Folio and Smart Pencil (2nd generation) 5 GHz Radio Frequency, 2.4 GHz Radio Frequency	119	117 for members and two for training/testing purpose (IT cell and NIC office)
2	Android Phone	Bluetooth Wi-Fi 8 GB RAM 128 GB Hard Disk 6” inch Size or more Up to 10 hours of battery life USB-C connector for charging and accessories	2	Testing NeVA Software Applications (IT cell and NIC office)
3	iOS Phone	Bluetooth Wi-Fi 8 GB RAM	2	Testing NeVA Software Applications (IT cell and NIC office)

		128 GB Hard Disk 6" inch Size or more Up to 10 hours of battery life USB-C connector for charging and accessories		
Category - 8 : : Display Audio/Video System and Others Hardware(s)				
1	Digital Audio Recording	Digital Audio Recording	2	In the Assembly House
2	Video Streaming setup	Video Streaming setup	2	In the Assembly House
3	8 In-8 Out HDMI Matrix Switcher	Matrix Switcher	1	For connecting/switching Display Panels in the Assembly House
4	HDMI Transmitter and Receiver over CAT6	HDMI Transmitter and Receiver over CAT6	4	
5	Video Streaming Card	Video Streaming Card	1	
6	1 In – 2 Out HDMI Distribution Amplifier	HDMI Distribution Amplifier	2	
7	HDMI CABLE 3 Feet	HDMI CABLE	8	
8	Network Hard Drive Device(NAS)	Two built-in M.2 2280 NVMe SSD slots permit cache acceleration without occupying storage drive bays. Intel quad-core processor with AES-NI hardware encryption engine, over 225 MB/s sequential read and write throughput. 4 GB DDR4 memory (expandable up to 8 GB); Scalable up to 9 drives with Synology DX517 Average 15% performance boost to photo indexing and other computing-intensive operations, as well as database response time. By default, two camera licenses are installed; extra licenses can be purchased (CLP1, CLP4, or CLP8)	1	