



M.A.M. COLLEGE OF ENGINEERING
SIRUGANUR, TIRUCHIRAPPALLI - 621 105

Prof. S. SELVAKUMAR
DIRECTOR

MAMCE/DO/Lab Systems Purchase/Tender-Call for /2026

26.08.2026

TENDER NOTIFICATION

M.A.M. College of Engineering, Siruganur, Tiruchirappalli, Tamil Nadu invites Tenders for the supply of All in One Computer Systems as in Configuration-1, Configuration-2, and Configuration – 3, for a total 418 Systems.

The detailed specification, terms and conditions are attached herewith.

The last date for the submission of Tenders through email (selvaniitt@gmail.com) is 09.09.2026 and the hard copy of the tender documents must reach the following address on or before 16.09.2026:

Prof. S. SELVAKUMAR
Director
M.A.M. College of Engineering
Siruganur
Tiruchirappalli – 621 105
Tamil Nadu.

S. Selvakumar
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DIRECTOR

- Encl.: 1. A. Technical Specifications for Configuration – 1, Configuration -2, Configuration – 3
2. B. Terms and Conditions
2. C. Tentative Timeline
2. D. Checklist



M.A.M. COLLEGE OF ENGINEERING

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Tender Notification for the supply of All In One Computer Systems

Configuration 1 (Approximate number Required: 36)

A1. Technical Specifications (Mechanical Department)

PARAMETER	MAMCE SPECIFICATION
Processor	Intel Octa core i9 processor, 6 GHz
Operating System	Windows 11
Graphics	NVIDIA Dedicated 4 GB Graphics Card (Advanced Discrete GPU)
Memory Type	DDR5
Memory Slots	Minimum 2 DIMM Slots
Installed Memory	Minimum 16 GB, 1 x 16 GB, DDR5, 5600 MT/s or higher
Memory Expandability	Up to 64 GB DDR5
Storage Type	Minimum 2 Nos. of M.2 slots with up to 2 TB SSD for each
Storage Capacity	Minimum 1 TB NVMe PCIe SSD
Display Size	23.8" - 24" Non-touch IPS Display, Anti-Glare, 60 Hz, 250 nit or higher
Display Resolution	Full HD (1920 × 1080)
Camera	Integrated camera 5MP RGB+IR or higher
Audio	Integrated Microphone Array & Stereo Speakers (2 x 2 Watt or higher)
Keyboard	OEM Wired USB Keyboard
Mouse	OEM Wired USB Optical Mouse
Wireless Connectivity	Wi-Fi 6E (802.11ax) and Bluetooth 5.0 or higher
Ethernet	Minimum 1 × RJ-45 (10/100/1000 Mbps) Ethernet Port
USB Ports	Min. 2 × USB 3.2 Gen2 Type-C. One Should be in Left / Right / Bottom. Min. 2 × USB 3.2 Gen2 Type-A. One Should be in Left / Right / Bottom Min. 2 × USB 3.2 Gen1 Type-A..
Video Ports	Minimum 1 × HDMI-out, 1 × HDMI-in and 1 × DisplayPort
Audio Port	Global Headset Jack should be in Left / Right / Bottom. NOT in Back Side
Stand	Height Adjustable Stand
Security	Trusted Platform Module (TPM) 2.0, 1 security-cable slot
Power Supply	Internal Power Supply Unit (PSU) with IEC 60320 C14 AC inlet and detachable IEC 60320 C13 AC power cord. External AC/DC power adapters or power bricks shall not be accepted.
Operating Temperature	10°C to 35°C
Operating Humidity	10%–90% Non-condensing
BIS Compliance	BIS CRS Certified as per IS 13252 (Part 1)
RoHS Compliance	Yes
Environmental Certification	ISO 14001 Certified
Information Security Certification	ISO/IEC 27001 Certified
EPR Compliance	Valid EPR Registration as per applicable E-Waste Rules
Warranty	Minimum 5 Years Comprehensive OEM Onsite Warranty

Configuration 2 (Approximate number Required: 226)

A2. Technical Specifications (For CSE,IT,AI&ML, and Cyber Security Departments)

PARAMETER	MAMCE SPECIFICATION
Processor	Intel Core Ultra 7-265 vPro (20 cores, 13 TOPS NPU, up to 5.3 GHz) Processor (65W) or higher
Operating System	Ubuntu Linux /Windows 11
Graphics	NVIDIA Dedicated 4 GB Graphics Card (Advanced Discrete GPU)
Memory Type	DDR5
Memory Slots	Minimum 2 DIMM Slots
Installed Memory	Minimum 16 GB, 1 x 16 GB, DDR5, 5600 MT/s or higher
Memory Expandability	Up to 64 GB DDR5
Storage Type	Minimum 2 Nos. of M.2 slots with up to 2 TB SSD for each
Storage Capacity	Minimum 1 TB NVMe PCIe SSD
Display Size	23.8"- 24" Non-touch IPS Display, Anti-Glare, 60 Hz, 250 nit or higher
Display Resolution	Full HD (1920 × 1080)
Camera	Integrated camera 5MP RGB+IR or higher
Audio	Integrated Microphone Array & Stereo Speakers (2 x 2 Watt or higher)
Keyboard	OEM Wired USB Keyboard
Mouse	OEM Wired USB Optical Mouse
Wireless Connectivity	Wi-Fi 6E (802.11ax) and Bluetooth 5.0 or higher
Ethernet	Minimum 1 × RJ-45 (10/100/1000 Mbps) Ethernet Port
USB Ports	Min. 2 × USB 3.2 Gen2 Type-C. One Should be in Left / Right / Bottom.Min. 2 × USB 3.2 Gen2 Type-A. One Should be in Left / Right / BottomMin. 2 × USB 3.2 Gen1 Type-A..
Video Ports	Minimum 1 × HDMI-out, 1 × HDMI-in and 1 × DisplayPort
Audio Port	Global Headset Jack should be in Left / Right / Bottom. NOT in Back Side
Stand	Height Adjustable Stand
Security	Trusted Platform Module (TPM) 2.0, 1 security-cable slot
Power Supply	Internal Power Supply Unit (PSU) with IEC 60320 C14 AC inlet and detachable IEC 60320 C13 AC power cord. External AC/DC power adapters or power bricks shall not be accepted.
Operating Temperature	10°C to 35°C
Operating Humidity	10%–90% Non-condensing
BIS Compliance	BIS CRS Certified as per IS 13252 (Part 1)
RoHS Compliance	Yes
Environmental Certification	ISO 14001 Certified
Information Security Certification	ISO/IEC 27001 Certified
EPR Compliance	Valid EPR Registration as per applicable E-Waste Rules
Warranty	Minimum 5 Years Comprehensive OEM Onsite Warranty

Configuration 3 (Approximate number Required: 156)

A3.Technical Specifications (For ECE, EEE, Civil, and First Year)

PARAMETER	MAMCE SPECIFICATION
Processor	Intel Core Ultra 7-265 vPro (20 cores, 13 TOPS NPU, up to 5.3 GHz) Processor (65W) or higher
Operating System	Ubuntu Linux /Windows 11
Graphics	-
Memory Type	DDR5
Memory Slots	Minimum 2 DIMM Slots
Installed Memory	Minimum 16 GB, 1 x 16 GB, DDR5, 5600 MT/s or higher
Memory Expandability	Up to 64 GB DDR5
Storage Type	Minimum 2 Nos. of M.2 slots with up to 2 TB SSD for each
Storage Capacity	Minimum 1 TB NVMe PCIe SSD
Display Size	23.8"- 24" Non-touch IPS Display, Anti-Glare, 60 Hz, 250 nit or higher
Display Resolution	Full HD (1920 × 1080)
Camera	Integrated camera 5MP RGB+IR or higher
Audio	Integrated Microphone Array & Stereo Speakers (2 x 2 Watt or higher)
Keyboard	OEM Wired USB Keyboard
Mouse	OEM Wired USB Optical Mouse
Wireless Connectivity	Wi-Fi 6E (802.11ax) and Bluetooth 5.0 or higher
Ethernet	Minimum 1 × RJ-45 (10/100/1000 Mbps) Ethernet Port
USB Ports	Min. 2 × USB 3.2 Gen2 Type-C. One Should be in Left / Right / Bottom.Min. 2 × USB 3.2 Gen2 Type-A. One Should be in Left / Right / BottomMin. 2 × USB 3.2 Gen1 Type-A..
Video Ports	Minimum 1 × HDMI-out, 1 × HDMI-in and 1 × DisplayPort
Audio Port	Global Headset Jack should be in Left / Right / Bottom. NOT in Back Side
Stand	Height Adjustable Stand
Security	Trusted Platform Module (TPM) 2.0, 1 security-cable slot
Power Supply	Internal Power Supply Unit (PSU) with IEC 60320 C14 AC inlet and detachable IEC 60320 C13 AC power cord. External AC/DC power adapters or power bricks shall not be accepted.
Operating Temperature	10°C to 35°C
Operating Humidity	10%–90% Non-condensing
BIS Compliance	BIS CRS Certified as per IS 13252 (Part 1)
RoHS Compliance	Yes
Environmental Certification	ISO 14001 Certified
Information Security Certification	ISO/IEC 27001 Certified
EPR Compliance	Valid EPR Registration as per applicable E-Waste Rules
Warranty	Minimum 5 Years Comprehensive OEM Onsite Warranty

B. Terms and Conditions

S. No.	Terms & Conditions
1	Two-Bid system is followed. Bidders shall submit the Technical Specification of the systems to be supplied in a separate sealed cover superscribed "Technical Specification", and the Price in a separate sealed cover superscribed "Price Bid". Both the covers must be enclosed within an outer main envelope superscribed with the tender number. Bidders shall quote their best prices for the configurations in the Price Bid document. The Purchase Committee will evaluate the technical specifications and the price bid of the technically confirming vendors will only be opened.
2	The bidder shall be a Company registered under the Companies Act, Partnership Firm, LLP, or Proprietorship Firm and shall have been in operation for a minimum period of Five (5) years. Self-attested copies of Registration Certificate, Certificate of Incorporation, GST Registration Certificate, and other relevant statutory documents shall be submitted along with the bid.
3	Detailed OEM Product Datasheets and Technical Brochures of the offered All-in-One Desktop Computer model shall be uploaded along with the bid. The purchaser reserves the right to verify the specifications from the OEM's official documentation. Any discrepancy may lead to rejection of the bid.
4	The OEM's official datasheet and product webpage for the quoted model shall be publicly available. The bidder shall provide the OEM website link(s) for verification of technical specifications.
5	In case the bidder is not the OEM, a Manufacturer Authorization Form (MAF) specific to this tender shall be submitted. The authorization shall include the OEM's name, address, contact details, and shall be signed by an authorized signatory of the OEM.
6	The OEM of the quoted All-in-One Desktop Computer shall have a direct presence in India for at least Ten (10) years with an established sales and service network. Documentary evidence shall be submitted, if requested.
7	The bidder shall possess a valid GST Registration, PAN, and other applicable statutory registrations. Copies of relevant documents shall be submitted along with the bid.
8	The bidder shall have an authorized service centre or support facility within the State/Region. Documentary proof such as office establishment certificate, GST registration, trade licence, rental agreement, or utility bill shall be submitted.
9	The bidder should have executed One Contract of supplying of at least 200 "All-in-One Desktop Computer" to Central/State/Autonomous/PSU during the last 3 Years. (Contract/Purchase order with Completion certificate)
10	The bidder and the OEM shall not have been blacklisted, debarred, or banned by any Central Government Department, State Government Department, PSU, Autonomous Body, or Government Educational Institution. A self-declaration to this effect shall be furnished.
11	The bidder shall have technically qualified personnel for installation, commissioning, and after-sales support of the offered equipment. Documentary evidence may be sought during technical evaluation.
12	The OEM shall provide an undertaking confirming the availability of hardware support, BIOS/firmware updates, device drivers, spare parts, and technical support for the quoted model for a minimum period of Seven (7) years from the date of supply.

13	The quoted products shall comply with the prevailing Government of India procurement guidelines regarding Country of Origin. Wherever applicable, the OEM shall furnish the Country-of-Origin declaration.
14	The OEM shall provide complete service support details, including customer care number, toll-free number (if available), e-mail ID, escalation matrix, and service centre details in India.
15	The quoted All-in-One Desktop Computer model shall be in active production and shall not have been declared End-of-Life (EOL) or End-of-Support (EOS) minimum period of Seven (7) years from the date of supply. An OEM declaration shall be furnished if sought by the purchaser.
16	All hardware, firmware, software, and features required to meet the tender specifications shall be supplied without any additional cost to the purchaser.
17	The OEM shall provide BIOS updates, firmware updates, device drivers, security patches, and technical support throughout the warranty period without any additional charges.
18	The quoted system shall comply with all the technical specifications specified in the tender without requiring any additional hardware modules, proprietary accessories, or paid software licenses (except where specifically mentioned).
19	The successful bidder shall provide all relevant documentation including installation guide, user manual, warranty information, and recovery instructions (where applicable) at the time of delivery.
20	The supplied All-in-One Desktop Computers shall be brand new, unused, and sourced directly from the OEM or its authorized distribution channel. Refurbished, reconditioned, repaired, or used equipment shall not be accepted.
21	The supplied system shall be a factory-manufactured OEM All-in-One Desktop Computer. Locally assembled, white-box, or assembled systems shall not be accepted.
22	The offered model shall be listed on the OEM's official website and supported by an official OEM technical datasheet.
23	The bidder shall provide a minimum Five (5) Years Comprehensive OEM Onsite Warranty covering hardware replacement, spare parts, labour, and technical support.
24	During the warranty period, the bidder/OEM shall provide Next Business Day (NBD) onsite support or better. Faulty components shall be repaired or replaced promptly without additional cost to the purchaser.
25	The purchaser reserves the right to verify any information, certificates, declarations, or technical details submitted by the bidder or OEM and may seek additional supporting documents during technical evaluation.
26	The Competent Authority reserves the right to accept or reject any or all bids, wholly or partly, without assigning any reason thereof, if considered to be in the best interest of the Institute.
27	Any dispute arising out of this procurement shall be subject to the jurisdiction of the competent courts located at the place of the purchaser only.
28	The tender document shall be accompanied by an EMD amount of 2% of the estimated budget value of Rs. 375/- lakhs which shall be in the form of either a bank guarantee or demand draft in favour of 'The M.A.M. College of Engineering, Siruganur, Thiruchirappalli, Tamil Nadu'.

C. TENTATIVE TIMELINE

S. No.	Process Description	Date & Time
1	Detailed Tender document preparation	25, August 2026
2	Posting in Website	26, August 2026
3	Last date for submission of tenders	09, September 2026
4	Technical Comparison Meeting	18/19 September 2026
5	Price Bid opening	24/25 September 2026
6	Issue of Purchase Order (PO)	30, Sept. 2026
7	Expected Delivery time	30, Nov. 2026

D. CHECKLIST

Sl.No.	Particulars	Yes / No
1	Have you attached the technical specifications form duly filled in?	
2	Have you attached a copy of the last three years audited balance sheet of your firm?	
3	Have you attached the copy of the GSTIN certificate?	
4	Have you attached the details of the income tax return certificate, proof of manufacturing unit/ dealership letter/ general order suppliers and copy of Central / State sales tax registration certificate?	
5	Have you attached the copies of relevant work orders from Govt. Depts. / PSUs and Central Autonomous Bodies?	
6	EMD: Have you submitted EMD asked for as in tender document? If the bidder is requesting EMD exemption, kindly attach a copy of the NSIC/MSE (Micro & Small enterprises register in UDYAM Portal) Certificate, which should be visible, if not visible the bidder will be disqualified).	
7	Startup company is exempted from Prior turnover & Prior Experience (Startup certificate registered with DIPP should be enclosed)	
8	Have you enclosed the schedule of requirement indicating the make offered without indicating the pricing components along with the technical specifications?	
9	Have you submitted the bids both technical specifications and priced bid separately?	
10	Have you enclosed the statement of deviations from financial terms and conditions, if any?	
PRICE BID		
1	Have you signed and attached the priced bid form?	
2	Have you attached the schedule of requirements duly priced?	

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