

**TENDER DOCUMENT**  
**(e-Procurement – two-part tender)**

**Tender No. 1372/A6/KRNNIVSA/2024 dated 25.06.2024**

**Purchase of Mac Computers and Accessories for  
K.R Narayanan National Institute of Visual Science and Arts  
Government of Kerala**

**K.R Narayanan National Institute of Visual Science and Arts (KRNNIVSA)  
Thekkumthala, Kanjiramattom P.O-686585  
Kottayam, Kerala, INDIA.  
Tel: 9061706113  
Email: krnnivsa@gmail.com, admn.krnnivsa@gmail.com**

## Notice Inviting Tender

**Tender No. 1372/A6/KRNNIVSA/2024 dated 25.06.2024  
(Purchase of Mac Computers and Accessories)**

1. K.R Narayanan National Institute of Visual Science and Arts (Herein after referred to as KRNNIVSA), invites e-tenders from eligible vendors for the supply and installation of **Mac Computers and Accessories** as per the Schedule of Requirements given below.
2. Important Dates & Time of the Tender shall be as noted below:

Publication of Tender	26.06.2024
Pre-bid query submission as per format in Annexure 7	Before 6.00 PM on 29.07.2024
Pre-bid conference date and time.	05.07.2024, 3.00 PM.
Pre-bid conference venue	KRNNIVSA, Thekkumthala
Address for communication, submission of samples, opening of technical & commercial bid	K.R Narayanan National Institute of Visual Science and Arts, Thekkumthala, Kanjiramattom P.O, Kottayam, Kerala-686585
Contact details	Phone: 90617 06113 Admn. <a href="mailto:krrnivsa@gmail.com">krrnivsa@gmail.com</a>
Bid submission end date and time	04.08.2024, 6.00 PM
Sample submission	
Opening of technical bids:	10.08.2024, 11.00 AM
Opening of commercial bids	Will be intimated later.

3. Bidders shall remit the tender document fees and EMD using the on-line payment options of e-Procurement System only. Bidders are advised to visit the “Downloads” section of e-Procurement website ([www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in)) for detailed instructions on making online payment using Internet banking facility of SBI or by using NEFT facility.
4. Tender Documents shall be available only on the Internet and shall not be available for sales elsewhere.
5. The tender document should be submitted as per formats along with all relevant documents in support of qualifications and experience.

6. KRNNIVSA reserves the right to amend or cancel the tender in part or in full without prior notice at any point of time.
7. The Special Instructions to the Contractors/Bidders for the e-submission of the bids are given under “Help to Contractors” in website <http://etenders.kerala.gov.in/>
8. Schedule of Requirements:

**Schedule of Requirements**

Sl. No.	Item description	Qty (Nos)	Tender Fee Incl GST@18%	EMD Amount (Rs.)
1	Work Stations for 3D Lab Customizable Work Station HP Z8 or Z6 series Customizable Work Station Processor Intel Xeon W-2245 (8 cores, 3.9 GHz Base Clock RAM : 32GB DDR4 ECC Storage : 1 TB NVMe SSD Graphics : NVIDIA Quadro RTX 4000 8 GB GDDR6	3		
2	Apple Mac Mini M2 8-Core CPU, 10-Core GPU, Configured to 16GB Unified Memory, 256GB SSD Storage, 16-core Neural Engine, Two Thunderbolt 4 ports, Two USB-A ports, HDMI port, Gigabit Ethernet, headphone jack	1		
3	Mac systems: <b>Apple M3</b> chip with 8-core CPU with 4 Performance cores and 4 efficiency cores, 10-core GPU and 16-core, Neural Engine 256GB SSD storage, 8GB unified Memory, Two Thunderbolt /USB 4 ports, Two USB 3 ports, Gigabit Ethernet Magic Mouse Magic Keyboard with Touch ID – US English. + Final Cut pro	10		
4	<b>Apple iMac 24”</b> Apple M3 chip 8-core CPU with 4 performance cores and 4 efficiency cores 10-core GPU Hardware-accelerated ray tracing 16-core Neural Engine 100GB/s memory bandwidth Media Engine Hardware-accelerated H.264, HEVC, ProRes and ProRes RAW Video decode engine Video encode engine ProRes encode and decode engine AV1 decode Two Thunderbolt / USB 4 ports/Magic Keyboard with Touch ID and Numeric Keypad- US English Warranty 90 days of complimentary technical support and a one-year limited warranty	7	<b>2,760</b>	<b>50,000</b>
5	Apple	4		

<p>Mac mini M2 Pro  10-core CPU with 6 performance cores and 4 efficiency cores  16-core GPU,16-core Neural Engine,200GB/s memory bandwidth, Media engine,Hardware-accelerated H.264, HEVC, ProRes and roRes RAW,Video decode engine,Video encode engine,ProRes encode and decode engine,Configurable to:M2 Pro with 12-core CPU and 19-core GPU</p> <p>Memory - 16GB  Storage - 512GB SSD ,Configurable to:1TB, 2TB, 4TB or 8TB  Display Support - Simultaneously supports up to three displays:  Up to three displays: Two displays with up to 6K resolution at 60Hz over Thunderbolt and one display with up to 4K resolution at 60Hz over HDMI  Up to two displays: One display with up to 6K resolution at 60Hz over Thunderbolt and one display with up to 4K resolution at 144Hz over HDMI  One display with up to 8K resolution at 60Hz or 4K resolution at 240Hz over HDMI Thunderbolt 4 digital video output  Support for native DisplayPort output over USB-C HDMI display video output  Support for one display with up to 8K resolution at 60Hz or 4K resolution at 240Hz</p> <p>Connections and Expansion - Two Thunderbolt 4 ports (M2) or four Thunderbolt 4 ports (M2 Pro) with support for:  DisplayPort  Thunderbolt 4 (up to 40 Gbps),USB 4 (up to 40 Gbps),USB 3.1 Gen 2 (up to 10 Gbps) Thunderbolt 2, HDMI, DVI and VGA supported using adapters (sold separately)  Two USB-A ports (up to 5 Gbps)  HDMI port,Gigabit Ethernet port (configurable to 10Gb Ethernet),3.5 mm headphone jack</p>			
--	--	--	--

Director,  
K.R Narayanan National Institute of Visual Science and Arts (KRNNIVSA)  
Thekkumthala,Kanjiramattom P.O,Kottayam, Kerala.  
E-mail: admn.krnnivsa@gmail.com