NATIONAL FORENSIC SCIENCES UNIVERSITY
Sector-9, Gandhinagar-382007
Phone - 079-23977123/24 & Fax-079-232 47465

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IMPORTANT INSTRUCTIONS / TERMS / CONDITIONS TO TENDERERS
FORMING PART & PARCEL OF ENQUIRY DOCUMENT:

TENDER ENQUIRY No: NFSU/PUR/ET-01(71)/UPSIFS/2024-25

ITEM : **71**	: SHOWN AS UNDER
TENDER FEE	: **Rs. 1500/- (Rs. One Thousand Five Hundred Only)**
SERIAL # OF P.T.F.	:
NAME & ADDRESS OF TENDERER	: _____
	: _____
	: _____
C.S.P.O., REGISTRATION GROUP NO.	:

THIS TENDER DOCUMENT COMPRISES OF TWO PARTS LABELLED AS PART I & II

THIS TENDER ENQUIRY IS FOR **FIXED QTY. PURCHASE** OF ITEM AS UNDER:

DETAIL SPECIFICATIONS ARE GIVEN IN PART-I i.e. TECHNICAL BID.

Sr. No.	ITEM CODE	ITEM NAME	QTY.	PLACE OF DELIVERY & INSTALLATION	E.M.D. (Rs.)
08	71	**Forensic High-End Workstation with Gold Processor**	01	UPSIFS, Lucknow	**90,000/-**

NOTE:

(1)   IF MANUFACTURER IS NOT AVAILABLE FOR IMPORTED COMPONENT   (EQUIPMENT – MATERIALS) THEN THE REPUTED MANUFACTURERS / AUTHORIZED REPRESENTATIVE / DEALER APPOINTED EITHER BY PARENT COMPANY OR ITS SUBSIDIARY COMPANY SHALL BE ALLOWED TO QUOTE THE TENDER.

(2)   THE TENDERER HAS TO SUBMIT ALL THE REQUIRED DETAILS / DOCUMENTS WITH THE TENDER. NO COMPILANCE WILL BE ACCEPTED AND CONSIDERED AFTER DUE DATE I.E OPENING OF THE TECHNICAL BID.

(3)   ANNUAL MAINTENANCE CONTRACT (A.M.C.) & COMPREHENSIVE MAINTENANCE CONTRACT (C.M.C.) CHARGES FOR NEXT FIVE YEARS AFTER WARRANTY SHOULD BE QUOTED SEPARATELY.   AMC/CMC CHARGES WILL NOT BE TAKEN INTO ACCOUNT FOR PRICE COMPARISION FOR DETERMINING THE LOWEST BIDDER.

SIGNATURE & STAMP OF TENDERER

TECHNICAL BID

T.E.NO: NFSU/PUR/ET-01(71)/UPSIFS/2024-25
Name of Item: Forensic High-End Workstation with Gold Processor
Manufacture_____ Brand_____ Model_____

[A]	REQUIRED SPECIFICATIONS	SPECIFICATIONS AVAILABLE IN OFFERED MODEL
	A high-end analysis workstation for digital data processing with cyber speed.	
	A high-end analysis workstation is the Non-Plus Ultra when it comes to indexing and processing IT forensic cases at the workplace	
	A high-end analysis workstation series are globally recognized and popular for its speed, reliability and durability.	
	A high-end analysis workstation are certified and tested for the use of the programs of the leading software manufacturers (like Access Data, OpenText, Magnet Forensics, etc.)	
	Should have 11 x 5.25 Drive empty Bays	
	Should have 2x 18-Core Intel® Xeon® Gold 5318H Processor (18C/36T)	
	Should have a Mainboard	
	3rd Gen Intel® Xeon® Scalable processors	
	Dual Socket LGA-4189 (Socket P+) supported, CPU TDP supports Up to 270W TDP, 3 UPI up to 11.2 GT/s	
	Intel® C621A	
	Up to 4TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-3200MHz	
	Up to 4TB Intel® Optane™ Persistent Memory, DDR4-3200MHz, in 16 DIMM slots;	
	5 PCIe 4.0 x16,	
	1 PCIe 4.0 x8,	
	4 PCIe 4.0 NVMe x4 Internal Port(s)	
	M.2 Interface: 2 PCIe 4.0 x4, RAID 0 & 1	
	M.2 Form Factor: 2280/22110	
	M.2 Key: M-Key	
	Intel® C621A controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10	
	Dual LAN with Intel® i210 Gigabit Ethernet Controller	
	Should have RAM 256GB (expandable up to 4TB)	
	Should have	
	1 x 1TB SSD M.2 PCIe 4.0 for OS	
	1 x 4TB SSD M.2 PCIe 4.0 for Cache	
	5 x 10TB Enterprise HDD SATA-III for Data in RAID 5 or 6 via RAID Controller	
	Must have ability to support imaging of up to 3 HDDs simultaneously.	
	The workstation should have an integrated write blocker that provides support for various source drives, including SAS, SATA, FireWire®, USB 3.0, and IDE. It also supports M.2 (NVMe, SATA, AHCI), PCIe, and mini-PCIe cards with optional adapters. With a fast SuperSpeed USB 3.0 host connection, it enables efficient connectivity. Additionally, the workstation allows for the simultaneous connection and imaging of	

multiple source drives. All WriteProtect operations can be managed through a user-friendly, browser-based interface	
Should have NVIDIA RTX3050 8GB GDDR6	
Must have Retractable Ice Tray internal cooler for suspected drive	
Should have 1x 8-Port RAID Controller, 8GB Cache, PCIe, 12Gb/s SATA/ SAS Supports RAID 0, 1, 5, 6, 10, 50, 60	
Should have backplane 5x Backplane, screwless hot-swap for storage HDD's 3x Backplane, screwless hot-swap for additional 3.5" HDD's (empty)	
Should have 1 PCI-Express 3.0(x16)Slot	
Digital Optical S/PDIF audio output	
Should have 1 RJ45 LAN port (Gigabit LAN controller)	
Should have 802.11a/b/g/n/ac Wi-Fi+ Bluetooth 4.0	
Should have 1x USB 3.1 Type-C; 4x USB 3.0 Type A front Mounted	
Should have 2x USB 3.1 ports (1 port at Type A, 1 port at Type C) Back Mounted	
Should have Keyboard and Mouse Combo	
Should have Windows 11 Professional 64-bit, Forensik Software: TIM (Tableau Imager, FTK Imager, EnCase Imager)	
Should have an External bootable HDD with pre-installed Backup Software	
Should be passed through 12/24 hours Burn-in Test with the accurate results	
OEM should be ISO 9001:2015 certified and the workstation should have a TUV quality certificate.	
Product should carry 3 (Three) Years On-Site Warranty. Any Software/ Firmware updates to be provided during the Warranty Period.	

[B]	IMPORTANT TERMS AND CONDITION FOR SUPPLY
	1. **Delivery :** The Director Uttar Pradesh State Institute of Forensic Science, Piparsand, Sarojini Nagar, Kanpur Road, Lucknow- 226008
	2. **Installation/Inspection:** Uttar Pradesh State Institute of Forensic Science, Lucknow
	3. **Payment**: By NFSU Gandhinagar Campus