

“भारतीय प्रौद्योगिकी संस्थान (का.हि.वि.वि.), वाराणसी में जीपीयू (ग्राफिक प्रोसेसिंग यूनिट) की खरीद हेतु”

अभिरुचि की अभिव्यक्ति
के लिए

(सीपीपीपी के ई-प्रोक्योरमेंट पोर्टल के माध्यम से
ऑनलाइन बोली आमंत्रित है)

निविदा संख्या: IIT(BHU)/CCIS/2026-27/17, दिनांक: 06.05.2026

जमा करने की अंतिम तिथि: 20.05.2026, (04:00 PM)

निविदा खुलने की तिथि: 21.05.2026, (04:00 PM)



कंप्यूटिंग एवं सूचना सेवा केंद्र
भारतीय प्रौद्योगिकी संस्थान
(काशी हिंदू विश्वविद्यालय)

वाराणसी – 221005, उत्तर प्रदेश, भारत

ई-मेल: office.cis@iitbhu.ac.in

head.cis@iitbhu.ac.in

Online Bids

(Through E-Procurement Portal of CPPP)

are invited

for

EXPRESSION OF INTEREST (EoI)

For

GPU (Graphic Processing Unit)

Tender No.: IIT(BHU)/CCIS/2026-27/17, Dated: 06.05.2026

Last Date of Submission: 20.05.2026, (04:00 PM)

Tender Opening Date: 21.05.2026, (04:00 PM)



Centre for Computing & Information Services (CCIS)

Indian Institute of Technology

(Banaras Hindu University)

Varanasi-221005

E-mail: office.cis@iitbhu.ac.in

head.cis@iitbhu.ac.in

विभाग/केंद्र: कंप्यूटिंग एवं सूचना सेवा केंद्र, भारतीय प्रौद्योगिकी संस्थान (बीएचयू) वाराणसी,
वाराणसी- 221005, उत्तर प्रदेश, भारत

विज्ञापित निविदा जांच दस्तावेज
(निविदा आमंत्रण सूचना)

आईआईटी (बीएचयू) वाराणसी निम्नलिखित वस्तुओं के लिए परिसीमित निर्माताओं (या उनके 'अधिकृत' डीलरों जिन्हें इस निविदा आमंत्रण सूचना के प्रत्युत्तर में कोटेशन देने के लिए अधिकृत किया गया है) से ऑनलाइन निविदाएं आमंत्रित करता है।

क्रम संख्या	निविदा संख्या एवं अंतिम तिथि	वस्तु का विशिष्टता एवं मात्रा	जमा की जाने वाली अग्रिम धनराशि
1.	निविदा संख्या: IIT(BHU)/CCIS/2025-26/17, दिनांक: 06.05.2026 जमा करने की अंतिम तिथि: 20.05.2026, (04:00 PM)	<u>जीपीयू (ग्राफिक प्रोसेसिंग यूनिट)</u> मात्रा: 01 अनुलग्नक-I के अनुसार विशिष्टताएँ	शून्य

निविदा दस्तावेज़ केंद्रीय सार्वजनिक खरीद पोर्टल (Central Public Procurement Portal) <http://eprocure.gov.in/eprocure/app> से डाउनलोड किए जा सकते हैं।

निविदाकर्ता सीपीपी पोर्टल (CPP Portal) पर निविदा दस्तावेज़ों को एक्सेस कर सकते हैं। उपयुक्त निविदा का चयन करें, सभी आवश्यक जानकारी भरें और पूर्ण रूप से भरे हुए निविदा दस्तावेज़ को निर्धारित कार्यक्रमानुसार उक्त वेबसाइट <http://eprocure.gov.in/eprocure/app> पर ऑनलाइन जमा करें।

वे इच्छुक निविदाकर्ता जो ई-प्रोक्योरमेंट पोर्टल पर अभी तक पंजीकृत / नामांकित नहीं हैं, उन्हें वेबसाइट <http://eprocure.gov.in/eprocure/app> के माध्यम से भाग लेने से पूर्व पंजीकरण / नामांकन कर लेना चाहिए। पोर्टल पर नामांकन निःशुल्क है।

निविदाकर्ताओं को सलाह दी जाती है कि वे "ऑनलाइन निविदा जमा करने के लिए दिशा-निर्देश" अनुभाग में दिए गए निर्देशों को ध्यानपूर्वक पढ़ें। कोई भी मैनुअल (हस्तलिखित या ऑफ़लाइन) निविदा स्वीकार नहीं की जाएगी। सभी कोटेशन (तकनीकी एवं वित्तीय दोनों) ई-प्रोक्योरमेंट पोर्टल के माध्यम से ही जमा की जानी चाहिए।

निविदा विभागाध्यक्ष, डॉ. हरि प्रभात गुप्ता, कंप्यूटिंग एवं सूचना सेवा केंद्र, भारतीय प्रौद्योगिकी संस्थान (बीएचयू), वाराणसी - 221005, उत्तर प्रदेश, भारत के नाम संबोधित होनी चाहिए और इसे महत्वपूर्ण तिथियों की तालिका (Critical Date Sheet) में उल्लिखित अंतिम तिथि से पहले या अंतिम तिथि तक ऑनलाइन जमा किया जाना चाहिए।

संस्थान ऑनलाइन निविदाएं जमा करने में होने वाली किसी भी देरी के लिए उत्तरदायी नहीं होगा। संस्थान को किसी भी निविदा को स्वीकार या अस्वीकार करने तथा बिना कोई कारण बताए निविदा को रद्द करने का पूर्ण अधिकार प्राप्त है। इस संबंध में किसी भी प्रकार का पत्राचार स्वीकार नहीं किया जाएगा।

विभागाध्यक्ष,
कंप्यूटिंग एवं सूचना सेवा केंद्र,
भा.प्रौ.सं. (का.हि.वि. वि.), वाराणसी
वाराणसी - 221005, उत्तर प्रदेश, भारत

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI
Varanasi - 221005, Uttar Pradesh, India

DEPARTMENT/ CENTRE: Centre for Computing and Information Services, Indian Institute of Technology (BHU) Varanasi, Varanasi - 221005, Uttar Pradesh, India

Advertised Tender Enquiry Documents

(NOTICE INVITING TENDER)

IIT (BHU) Varanasi invites online tender from Limited manufacturers (or their ‘authorized’ dealers that they have been authorized to quote in response to this) of the following items are invited:

S. No.	Tender No. and Last Date	Specifications & Quantity of the item	Earnest Money Deposit to be submitted
1.	Tender No.: IIT(BHU)/CCIS/2025-26/17, Dated: 06.05.2026 Last Date of Submission: 20.05.2026, (04:00 PM)	EXPRESSION OF INTEREST (EoI) For <u>GPU (Graphic Processing Unit)</u> Specifications as per Annexure-I	Nil

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>. Tenderers can access tender documents on the CPP Portal. Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page.

Aspiring Bidders who have not enrolled/ registered in e-procurement should enroll/ register before participating through the website <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at ‘Instructions for online Bid Submission’.

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the e-procurement portal).

The tender should be addressed to **Head, Centre for Computing and Information Services, Indian Institute of Technology (BHU) Varanasi, Varanasi - 221005, Uttar Pradesh, India** and should be submitted online one or before the last Date of Submission as mentioned in critical date sheet.

The Institute shall not be responsible for any delay in submitting online Bids. The Institute reserves the right to accept or reject any bid, cancel the Tender without assigning any reason thereof. No correspondence in this regard will be entertained.

Head,
Centre for Computing & Information Services (CCIS)
IIT (BHU), Varanasi
Varanasi-221005, Uttar Pradesh, India

भारतीय प्रौद्योगिकी संस्थान (काशी हिंदू विश्वविद्यालय), वाराणसी - 221005

विभाग/केंद्र: कंप्यूटिंग एवं सूचना सेवा केंद्र विभाग, भारतीय प्रौद्योगिकी संस्थान (बीएचयू) वाराणसी,
वाराणसी- 221005, उत्तर प्रदेश, भारत

भारतीय प्रौद्योगिकी संस्थान (का.हि.वि.) वाराणसी के कंप्यूटिंग एवं सूचना सेवा केंद्र विभाग में जीपीयू (ग्राफिक प्रोसेसिंग यूनिट) के लिए निविदा दस्तावेज

महत्वपूर्ण डाटा शीट

संगठन का नाम	भारतीय प्रौद्योगिकी संस्थान, (बीएचयू), वाराणसी
टेंडर	खुली निविदा
निविदा प्रकार / अनुबंध का प्रकार (कार्य / आपूर्ति / नीलामी / सेवा / क्रय / पैनल गठन / विक्रय)	अभिरुचि की अभिव्यक्ति
मूल निविदा जारी / प्रकाशित करने की तिथि	06.05.2026 (05:00 PM)
दस्तावेज डाउनलोड प्रारंभ तिथि	06.05.2026 (05:00 PM)
पूर्व-बोली बैठक की तिथि (यदि कोई प्रश्न हों तो उन्हें विचारार्थ पूर्व-बोली बैठक की तिथि से पहले head.cis@iitbhu.ac.in & office.cis@iitbhu.ac.in पर ईमेल द्वारा भेजना अनिवार्य है।)	लागू नहीं
संशोधन (यदि कोई हो)	---
निविदा अपलोड करने की अंतिम तिथि और समय	20.05.2026 (04:00 PM)
तकनीकी निविदा खोलने की तिथि और समय	21.05.2026 (04:00 PM)
निविदा प्रसंस्करण शुल्क (जीएसटी सहित, यदि लागू हो)	रु. शून्य (निविदा प्रसंस्करण शुल्क और ईएमडी, निम्नलिखित विवरण के अनुसार आरटीजीएस/एनईएफटी के माध्यम से भुगतान किया जाना है:) खाते का नाम: रजिस्ट्रार, आईआईटी (बीएचयू) बैंक का नाम: भारतीय स्टेट बैंक शाखा का नाम: आईटी, बी.एच.यू., वाराणसी खाता संख्या: 32778803937 आईएफएससी: SBIN0011445 भुगतान का प्रमाण तकनीकी बोली के साथ संलग्न होना चाहिए।
जमानत राशि (ईएमडी)	रु. शून्य
कवर की संख्या (1/2/3/4)	01
बोली की वैधता अवधि (दिनों में)	180 दिन (निविदा खुलने की अंतिम तिथि से)
पत्राचार हेतु पता	विभागाध्यक्ष, कंप्यूटिंग एवं सूचना सेवा केंद्र, भा.प्रौ.सं. (का.हि.वि.), वाराणसी वाराणसी - 221005, उत्तर प्रदेश, भारत
ई-मेल पता	head.cis@iitbhu.ac.in , office.cis@iitbhu.ac.in

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI
Varanasi - 221005, Uttar Pradesh, India

DEPARTMENT/ CENTRE: Centre for Computing & Information Services (CCIS), Indian Institute of Technology (BHU), Varanasi-221005, Uttar Pradesh, India

TENDER DOCUMENT FOR
EXPRESSION OF INTEREST (EoI) for GPU (Graphic Processing Unit)

CRITICAL DATA SHEET

Name of Organization	Indian Institute of Technology (BHU) Varanasi
Tender	Open Tender
Type/ Form of Contract (Work/ Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	EXPRESSION OF INTEREST (EoI)
Date of Issue/Publishing Original Tender	06.05.2026 (05:00 PM)
Document Download Start Date	06.05.2026 (05:00 PM)
Pre-Bid Meeting Date* (*Queries, if any, to be discussed, must be emailed to head.ece@iitbhu.ac.in, before the date of Pre-Bid meeting for consideration.)	NA
Corrigendum, if any	---
Last Date and Time for Uploading of Bids	20.05.2026 (04:00 PM)
Date and Time of Opening of Technical Bids	21.05.2026 (04:00 PM)
Tender Processing Fee (including GST as applicable)	NIL (For Tender Processing Fee) (Tender Processing Fee and EMD, To be paid through RTGS/NEFT, as per the following details:) Name of Account: Registrar, IIT(BHU) Name of the Bank: State Bank of India Name of Branch: IT, BHU, Varanasi Account No.: 32778803937 IFSC: SBIN0011445 The proof of payment must be enclosed with Technical Bid.
EMD (Earnest Money Deposit)	NIL
No. of Covers (1/2/3/4)	01
Bid Validity Days	180 Days (From last date of opening of the tender)
Address for Communication	Head, CCIS IIT(BHU), Varanasi Varanasi - 221005, Uttar Pradesh, India
E-mail Address	head.cis@iitbhu.ac.in , office.cis@iitbhu.ac.in

**EXPRESSION OF INTEREST (EoI)
For GPU (Graphic Processing Unit)**

At the CCIS, IIT (BHU), Varanasi– 221005, India

GPU SERVER		Yes	No
Component	Description/Technical Specification		
Form Factor	Max. 2U rack mounted with sliding rails		
Configured CPU	Two number of Intel Xeon 6 Performance 6520P Processor @ 2.4G, 24Cores, 48 Thread, 144 M Cache,		
CPU Benchmark	Minimum required CPU spec rating with: <ul style="list-style-type: none"> • SPECrate of base fp of 745 and above and SPECrate of peak fp of 755 and above • SPECrate of base Integer of 515 and above and SPECrate of peak Integer of 530 and above 		
Chipset	Intel® C741 series chipset		
Memory slots	32 DDR5 DIMM slots, supports RDIMM 8 TB max, speeds up to 4800 MT/s Supports registered ECC DDR5 DIMMs only		
Memory configured	Should be configured with 256 GB RAM scalable to 8TB		
Disks supported	Up to 8 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 122.88 TB		
RAID Controller	Embedded / PCIe based x16 RAID controller with 8GB Flash backed write cache, supporting RAID 0, 1, 5, 6, 10, 50, 60.		
Disks configured	2 nos of 480GB SSD SATA Read Intensive 6Gbps drives and 4 nos of 3.84TB SSD SATA Read Intensive 6Gbps drives		
I/O slots	Up to eight PCIe slots (Support PCIe Gen 5 or Gen 4)		
GPU Support	Up to 2 x 450 W DW or 6 x 75 W SW		
GPU populated	Nvidia RTX Pro 6000 Blackwell Server Edition 96 GB GPU		
Certification and compliances	<ul style="list-style-type: none"> • Canonical Ubuntu Server LTS • Microsoft Windows Server with Hyper-V • Red Hat Enterprise Linux • SUSE Linux Enterprise Server • VMware ESXi 		
Power Supply	Two redundant 3200 W Titanium 100—240 VAC or 240 HVDC, hot swap redundant power supplies.		
Network Card	one number of dual ports 01 G network adaptor & One number of dual 10 G Optical adaptor		
Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software		
Power & temperature	Real-time power meter, graphing, thresholds, alerts& capping with historical power counters. Temperature monitoring & graphing		
Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD		

Configuration & management	<ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile 		
Management (continued)	<ul style="list-style-type: none"> • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing. • Should have storage space earmarked to be used as a repository for firmware, drivers and software components. The components can be organized to rollback/patch faulty firmware. • Remote server management software should be from the same server OEM and should provide Support for Telemetry Streaming for log analysis • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware • Server management software should support upto 8000 devices in a single instance 		
Power & Temperature Management	"Real-time power meter, graphing, thresholds, alerts & power capping with historical power reporting at individual server and group level. Temperature monitoring & reporting at individual server and group level. Support for multi-vector cooling."		
Server Security	Hardware (Silicon) root of trust; cryptographically signed firmware updates; system drift detection; System Lockdown; Secure OS & BIOS recovery; secure erase; CC-TCG certified; NIST SP 800-147B "BIOS Protection Guidelines for Servers; CNSA; Common Criteria EAL4; TLS; SSL Certification; Multi-factor authentication etc		
LCD panel	Optional LCD bezel or security bezel Should display system ID, status information and system error error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.		
HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins		
Server security	<p>Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks Should protect against firmware which executes before the OS boots Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> • Cryptographically signed firmware • Data at Rest Encryption (SEDs with local or external key mgmt) • Secure Boot • Secure Erase • Secured Component Verification (Hardware integrity check) • Silicon Root of Trust • System Lockdown • TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ <p>Configuration upgrades should be only with cryptographically signed firmware and software</p>		

	Should provide system lockdown feature to prevent change (or “drift”) in system firmware image(s) & prevent malicious modification of server firmware		
Intrusion alert	Intrusion alert in case chassis cover being opened		
OS	<ul style="list-style-type: none"> • Windows Server 2022 OS Edition • Red Hat Enterprise Linux 8.6 & 9.0 • SUSE Linux Enterprise Server 15 SP4 • Ubuntu 22.04 		
Warranty	03 years On-site comprehensive warranty with 24x7x365 remote hardware support. Post installation, 03-year product warranty should reflect in the support web site of the OEM.		
Manufacturer's Authorisation Certificate	Bidder must submit bid specific MAF (Manufacturer's Authorisation Certificate) with contact no. & email id of the MAF signing authority, in case of MAF verification		

Eligibility Criteria

Vendors responding to this EoI must meet the following minimum eligibility requirements and documentary evidence shall be submitted in .pdf format:

- The firm must have successfully executed at least two such project of comparable complexity within the last five years at an Institute of National Importance (such as IITs, IISc, NITs) or at R&D laboratories under DRDO/ISRO/CSIR/CMET. The bidder shall demonstrate end-to-end capability. The presentation shall cover project scope, system design approach, makes and models of major equipment and materials, along with supporting documentary evidence.
- Statutory & Quality Compliance: Valid GST registration, PAN, and statutory compliances.

Submission and participation in EoI

1. Vendors are requested to express their interest **within 15 days** from the opening of this EoI.

2. **Interested vendors are requested to submit the following information in .pdf format:**

- Company profile and organizational details
- Technical capability and infrastructure
- Audited financial statements / turnover summary
- Relevant certifications and statutory documents
- The specifications submitted by the bidder should be **in line or equivalent** with the requirements outlined in the EOI.
- Each bidder must submit **at least two (02) past purchase orders** for similar or equivalent equipment for price reasonability in .pdf format.

3. Vendors showing interest will be called for an in-person interaction.

4. Submission of EoI does not guarantee participation in the final tender. IIT BHU reserves the right to shortlist vendors based on EoI responses and to accept or reject any or all submissions without assigning reasons. This EoI is issued solely for market assessment and vendors' capabilities. Detailed technical specifications, scope, and commercial terms shall be provided in the subsequent tender which will be floated on the CPPP portal for open tendering process.

**Head,
Centre for Computing & Information Services
Indian Institute of Technology (BHU), Varanasi-221005**