



# **Bid Document**

	Bid Details
Bid End Date/Time	03-06-2022 12:00:00
Bid Opening Date/Time	03-06-2022 12:30:00
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Education
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology Kanpur
Office Name	Kanpur
Total Quantity	2
Item Category	Workstation (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	6 Lakh (s)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	60 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

## EMD Detail

Required

No

ePBG Detail

Required	No
Splitting	
Bid splitting not applied.	
MII Purchase Preference	
MII Purchase Preference	Νο
MSE Purchase Preference	
MSE Purchase Preference	Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountan indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded witl the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. 6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case o bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product

having highest bid value should meet this criterion.

# Workstation ( 2 pieces )

Brand Type

Registered Brand

## **Technical Specifications**

## \* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)		
Туре	Form Factor	Desktop		
Processor	Processor Make	Intel		
	Processor Generation	NA, 10 Or higher		
	Number of Cores per Processor	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 64 Or higher		
	Processor Base Frequency (GHz)	2.5, 2.6, 2.7, 2.8, 2.9, 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3, 5.2 Or higher		
	Processor Description	Intel Core i7, Intel Core i9, Intel Xeon E Series, Intel Xeon W Series, Intel Xeon Bronze Series, Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinui Series Or higher		
	Processor Number	Intel Core i7-8700K, Intel Core i9 10900K, Intel Core i9 10900, Intel Core i7 10700K, Intel Core i9 10980XE, Intel Core i9 10940X, Intel Core i9 10920X, Intel Core i9 10900X, Intel Core i9 11900K, Intel Core i9 11900, Intel Core i7 11700K, Intel Core i7 11700 Or higher		
	Number of Sockets populated with the Processors	1, 2 Or higher		
	Cache (MB)	16.0 - 64.0 Or higher		
Motherboard	Chipset Number	Intel C246, Intel CM246, Intel C422, Intel C621, Intel C622, Intel C624, Intel X99, Intel X299, Intel W480, Inte WM490, Intel W580 Or higher		
Graphics	Graphics Type	Dedicated/Discrete		
	Number of Graphic Cards	1, 2, 3, 4 Or higher		
	Graphic Card Description	nVIDIA NVS 510 2GB, nVIDIA NVS 810 4GB, nVIDIA Quadro P400 2GB, nVIDIA Quadro P620 2GB, nVIDIA Quadro P1000 4GB, nVIDIA Quadro P2000 5GB, nVIDIA Quadro P3000 6GB, nVIDIA Quadro RTX 3000 6GB, nVIDIA Quadro P4000 8GB, nVIDIA Quadro RTX 4000 8GB, nVIDIA Quadro P5000 16GB, nVIDIA Quadro RTX 5000 16GB, nVIDIA Quadro P6000 24GB, nVIDIA Quadro GP100 16GB, nVIDIA Quadro RTX 6000 24GB, nVIDIA Quadro RTX 8000 48GB, nVIDIA Quadro GV100 32GB, nVIDIA Tesla V100 SXM2 32GB, nVIDIA Quadro P620 4GB, NVIDIA® Quadro P600 4GB GDDR5, NVIDIA Quadro P2200 5GB GDDR5, NVIDIA Quadro P520 4 GB GDDR5, NVIDIA RTX A4000 16GB 4DP GFX Or higher		
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit		

Specification	Specification Name	Bid Requirement (Allowed Values)
Memory	RAM Size (GB)	16, 32, 64, 128, 256, 512, 1024, 2048, 3072, 4096, 48, 96, 192, 384, 768, 1536 Or higher
	RAM Expandability upto using spare DIMM Slots (GB)	128, 256, 512, 1024, 3072, 4096, 384, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	Type of Drives used to populate the internal Bays	PCle
	RAID for Operating System	NA
	Capacity of each Drive (GB)	512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	Type of Drives used to populate the Internal Bays	NA
	Number of Internal Bays populated with SATA Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Each SATA Drive Capacity (GB)	500, 1000, 2000, 4000, 8000, 0, 6000 Or higher
	Total SATA Drive Capacity (GB)	500, 1000, 2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000, 0 Or higher
	Number of Internal Bays populated with SAS Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SAS Drive (GB)	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Total SAS Drive Capacity (GB)	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Number of Internal Bays populated with SSD Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SSD Drive (GB)	128, 256, 512, 1024, 2048, 800, 0 Or higher
	Total SSD Capacity (GB)	128, 256, 384, 512, 768, 1024, 2048, 4096, 0, 5120, 3072 Or higher
	Number of Internal Bays populated with PCIe Drive	1, 2, 3, 4, 5, 6, 7, 8 Or higher
	Capacity of each PCle Drive (GB)	512, 1024, 2048 Or higher
	Total PCIe Drive Capacity (GB)	512, 1024, 2048, 4096, 1536, 6144 Or higher
RAID	Number of RAID Controller Ports	4, 5, 6, 7, 8, 10 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
Connectivity	Number of Ethernet Ports	1, 2, 3, 4, 6 Or higher
	Wireless Connectivity	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)	
	Bluetooth Connectivity	Yes, No Or higher 4, 4.1, 4.2, 5, 0 Or higher	
	If Yes, Version of Bluetooth Available		
Display	Display Availability	Monitor	
	Display Size (cm)	54 - 56, 58- 61, 63 - 67, 68- 71, 72- 81, 82 - 87, 88 - 93, 94 - 97, 98 - 105, 107 - 110, 111 - 115, 116 - 120, 121 - 125, 126 - 130 Or higher	
	Display Type	Non Touch, Touch Or higher	
	Panel Type	Flat, Curved Or higher	
	Panel Technology	IPS, OLED Or higher	
	Display Resolution (Pixels)	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2560 x 1080, 2560 x 1440, 2560 x 1600, 3440 x 1440, 3840 x 1600, 5120 x 1440, 7680 x 4320 Or higher	
Power	Redundant Power Supply	Yes, No Or higher	
Warranty	On Site OEM Warranty (Year)	3, 4, 5 Or higher	

## Additional Specification Parameters - Workstation ( 2 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional Technical Specifications (Mandatory)	Technical Data Sheet is attached in Scope of Work, see for details

\* Bidders offering must also comply with the additional specification parameters mentioned above.

## **Consignees/Reporting Officer and Quantity**

	S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	L	Manoj Kumar Duklan	208016,Central Store & Purchase Section, IIT Kanpur, GT Road, Kalyanpur 208016 (UP)	2	90

## Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Additional Technical Specifications <u>View</u>	See details and all participating bidders must complied this	Workstation(2)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

# **Buyer Added Bid Specific Terms and Conditions**

## 1. Generic

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

## 2. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

## 3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

## 4. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

## 5. Generic

**Non return of Hard Disk:** As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

## 6. Generic

The buyer organization is an institution eligible for concessional rates of GST as notified by the Government o India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.

Applicable Concessional rate of GST : 5%

Notification No.and date : 45/2017 (CGST) KA.NI .- 2-1823/XI-9(47)/17 (SGST), 47/2017 (IGST) dated 14/11/2017

## 7. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

## 8. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of

Goods

## 9. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

## 10. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

## 11. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

## 12. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). I' service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

## 13. Certificates

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

## 14. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

## 15. Certificates

To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): OEM Authorization.

## 16. Warranty

Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

## 17. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Bidders Should Comply below mentioned Technical Specifications -

# **Desktop Computer Specifications (Qty-2):**

Processor	12 <sup>th</sup> Generation Intel Core i7 -12700
Motherboard	Intel

Chipset	Intel® W680 chipset
RAM	32 GB (2x16GB) DDR5 4800 UDIMM NECC or better
Memory Slots	4 DIMM slots, supporting up to 128 GB ECC / nECC DDR5 4800 MT/s, ECC may be given preference
Storage	PCIe M.2 512 GB SSD,1 TB SATA HDD 7200 RPM System should support additional 3 SATA & 2 x M.2 SSD drives
Graphic	NVIDIA T400 2GB GDDR6 4mDP Graphic card with mDP to DP adaptor
Port	Front I/O - 2 x Type-A SuperSpeed USB 10Gbps signaling rate port (1 charge port supports up to 5V/2.1A), 2 x Type-A SuperSpeed USB 10Gbps signaling rate port, 1 x Type-C SuperSpeed® USB 20Gbps signaling rate port (charge supports up to 5V/3A,), Optional 1 x SD card reader, 1 universal audio jack
	Internal I/O – $1 \times$ Hi-Speed USB 480Mbps signaling rate header for SD card reader, $1 \times$ serial port available with header, $1 \times$ serial and PS/2 available with header
	Rear I/O - 2 x DisplayPort 1.4 [3], 1 x Audio Line out, 1 x Audio Line in, 1 x RJ-45, 3 x Hi-Speed USB 480Mbps signaling rate port, 2 x Type-A SuperSpeed USB 10Gbps signaling rate port, 1 x Type-A SuperSpeed USB 5Gbps signaling rate port, 1 x serial (optional), 1 x Flex I/O port (VGA, HDMI 2.0b, DisplayPort 1.4, Type-C® SuperSpeed USB 10Gbps signaling rate port (Power Delivery 15W, Alt Mode Display Port), Dual Type-A SuperSpeed USB 5Gbps signaling rate port, 2nd 1GbE LAN, 1 Thunderbolt 3 with SuperSpeed/USB4 Type-C® 40Gbps signaling rate (cabled to PCIe AIC), 1 1Gbps Fibber LC NIC )
Operating System	Genuine Win 11 Pro 64. The vendor should supply all drivers required for the proper integration of components. All latest drivers should be available to download from the vendor's website. The system should support Red Hat® Enterprise Linux Desktop 8.3 or Higher
Trusted Platform Module	TPM 2.0
Network	Integrated Intel <sup>®</sup> I219LM GbE Controller with Intel <sup>®</sup> vPro <sup>™</sup> with Intel <sup>®</sup> AMT 16.0 support Intel AX211 Wi-Fi6 +BT5.2 w/INT Ant WLAN
Keyboard, Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
Monitor	27" and FHD, 1920 x 1080, IPS, 1 HDMI 1.4, 1 VGA, >299nits
Internal Speaker	High-Definition Integrated Audio with Internal speaker.

Expansion Ports	· 2 x Internal 3.5" bays
	· 1 x External 5.25" bay
	· 1 x Internal 2.5" bay (for SSD only)
	• 1 x Dedicated 9.5mm slim optical disk drive bay
	<ul> <li>1 x PCI Express Gen5 slot x16 mechanical/ x16 electrical (full height, full length)</li> </ul>
	• 1 x PCI Express Gen3 slot x4 mechanical/ x1 electrical (full height, full length, open-ended)
	<ul> <li>1 x PCI Express Gen3 slot x16 mechanical/ x4 electrical (full height, full length)</li> </ul>
	<ul> <li>1 x PCI Express Gen3 slot x4 mechanical/ x4 electrical (full height, full length, open-ended)</li> </ul>
	· 1 x M.2 2280 Storage (PCle Gen4 x4)
	· 1 x M.2 2280 Storage (PCle Gen4 x4)
	· 1 x M.2 2280 Storage (PCle Gen4 x4)
	· 1 x M.2 2230 WLAN (PCIe Gen3 x1+ Intel CNVi
Power Supply	Min 350W wide-ranging, active Power Factor Correction, 92% Efficient EPEAT GOLD INDIA or Higher
Warranty	3 Years (Parts + Onsite + visit of technical person) (24x7) hours

- Convertible Mini Tower with tool-less entry and maintenance.
- The system should feature Active Acoustic Reduction with a low noise level.
- The system should be rack mountable.
- · BIOS of the Workstation to have tool for Enhanced security features like self-healing and regular checks.
- · Optional for BIOS-controlled electro-mechanical internal chassis lock for the system.
- · Integrated SATA controller with minimum 4 x 6Gbps ports & SATA Controller should support RAID 0,1.
- Please send complete technical detail of the product—installation of hardware & software done by the supplier. The suppliers, who have local stationed engineers, may be given preference.
- The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows.
- The tuning software should have modules for resource monitoring over a long period. It should be capable of showing GPU utilization (GPU, Graphics memory, and Codec activity) for both Graphics and GPU Compute cards.
- A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.
- The hardware vendor should be a reputed concern, having a global presence in multiple countries. The vendor should have ISO certifications.
- $\cdot$  OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be connected into the workstation
- · Window OS and Linux Certification, EPEAT Gold India Registered, Energy Star, WEEE, Leading ISV's
- OEM should have a global presence & Top 3 WS OEM certified by IDC or Gartner.
- The bidder should be either OEM or his authorized dealer/distributor having its registered office in Kanpur to provide sales and 24x7 support.
- The bidder should submit case specific Manufacturer's Authorization Certificate along with the bid for each of the products quoted. Bids not accompanied by valid OEM MAC shall be rejected.

## 18. Buyer Added Bid Specific ATC

Buyer uploaded ATC document <u>Click here to view the file</u>.

# Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations.

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which share a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertak compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordanc with the laws.

