

Bid Document

Bid Details	
Bid End Date/Time	18-03-2019 17:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology (iit)
Office Name	Ropar
Total Quantity	1
Item Category	computer servers
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes

Computer Servers (1)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Specification	Form Factor	Rack	Rack, Tower
	Size (RU)	4	*
	Processor Make	Intel	Intel, AMD, SPARC, IBM Power
	Max. Number of sockets available on chipset	2	1 - 16
	Max. Number of sockets populated with processor	2	1 - 16
	Number of core per Processor	16	*

Processor Configuration	Intel Xeon Gold 6142 (2 .60GHz/16-core/22MB/1 50W)	*
Chipset compatible with CPU	C622, Server installed with 6x GTX 1080Ti,11GB, 11PCIe 3.0 x16,1PCI-e 3.0 x8 ,Cent OS Preloaded	*
Availability of Co-Processor	No	*
If Yes Co-Processor Configuration	NA	*
PCI Slots (Express Gen 3.0)	12	*
Type of RAM	DDR4	*
RAM Size (GB)	384	16 - 16000
RAM upgradable upto (GB)	3000	32 - 24000
DIMM Slots (No.)	24	*
Type of Hard Disk Drive	SATA	SAS, NL SAS, SSD, SATA
Hard disk drive Capacity (GB)	6000	300 - 12000
Hard disk drive Speed (RPM)	7200	*
RAID Controller Cache (MB)	2048	*
RAID Type	0	*
RAID Controller Ports @12 Gbps	8	*
Video Controller (support VGA or above resolution)	Yes	*
Keyboard	Yes	*
Mouse	Yes	*
Bays (min. 2 internal or more hot plug)	24	*
USB Ports (version 2.0/3.0)	4	*
Certifications Compliance support by Windows, Red Hat or Novell or Oracle Cluster or Linux or AIX S/W	Yes	*
DVD ROM (or better)	NA	*

Network Card Supported	10G	*
FC HBA Dual port card	NA	*
FC HBA Dual port card Speed	NA	*
Power Management	-	*
Redundant Power Supply	Yes	*
Redundant Fan	Yes	*
Total No of Ports	2x10G & 2x 1GbE, On-board IPMI 2.0 with dedicated LAN & KVM over LAN support, 2 NVMe Hot Swap bays,	*
Declare SPEC int_rate_base 2006 ; specfp_rate_2006 for 1,2,4,8 prcessor as applicable	Yes,2000W(2+2)RPS,Titanium 80+ PSU,inbuilt Job Scheduling Utility,On Board NVMe Controller,BIS cert.	*
Server scalability to be achieved within the box without adding nodes	Yes	*
RoHS Compliance	Yes	*
BIS Registration number & its Validity	-	*
Max. power consumption of the system (Watt)	2000	*
Availability of Type test reports consisting of verification of all the features & functional parameters & environmental tests sequences as under: a Dry heat test (For 16 hrs at a temperature of 45 degree C in accordance with IS: 90 00/part-3/section-5/1977) b Cold test(For 4 hrs at a temperature of 0 degree C in accordance with IS: 9000/part-2/section-4/1977 c Damp Heat Cyclic Test (For 2 cycles of 24 hrs at a temperature of 40 degree C & 95% RH in accordance with IS: 90 00/part-5/section-1/198	No	*

	1) Note:- The server shall be checked for all the parameters before conditioning, After completion of the above environmental tests sequence, with a recovery period of 1 to 2 hrs, the server shall be functional		
	Name address of Lab	-	*
	Test Report No. date	-	*
	Power Supply	230 V +/-10%, 50 Hz	*
	On Site OEM Warranty (years)	1	1, 3, 5 Or higher

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vijay Kumar	140001, Room No. 104 , Indian Institute of Technology Ropar, Nangal Road, Rupnagar	1	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Special terms and conditions for category computer servers

1) As per notification of MEITY circulated vide letter no. F.No.33(1)/2017-IPHW..dated :14/09/2017, the minimum local content should be 40 percent to qualify as local or domestic manufacturer.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of 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-Central Tax (Rate) and 47/2017- Integrated Tax(Rate)
dated 14/11/2017

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---