

Bid Document

Bid Details	
Bid End Date/Time	20-12-2018 18:00:00
Bid Validity	90 (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

Computer Servers (1)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
Specification	Form Factor	Rack	Rack
	Size (RU)	2	*
	Processor Make	Intel	Intel
	Max. Number of sockets available on chipset	2	1 - 16
	Max. Number of sockets populated with processor	1	1 - 16
	Number of core per Processor	24	24
	Processor Configuration	Intel Xeon Platinum 8160(2.10GHz/24-core/33MB/150W)	*
	Chipset compatible with CPU	Intel C621	*
	Availability of Co-Processor	No	*

If Yes Co-Processor Configuration	NA	*
PCI Slots (Express Gen 3.0)	8	*
Type of RAM	DDR4	*
RAM Size (GB)	128	128
RAM upgradable upto (GB)	2995	32 - 24000
DIMM Slots (No.)	24	*
Type of Hard Disk Drive	SAS,SSD	SAS, NL SAS, SSD, SATA
Hard disk drive Capacity (GB)	3360	300 - 12000
Hard disk drive Speed (RPM)	10K	*
RAID Controller Cache (MB)	2048	*
RAID Type	5	*
RAID Controller Ports @12 Gbps	2	*
Video Controller (support VGA or above resolution)	Yes	*
Keyboard	No	*
Mouse	No	*
Bays (min. 2 internal or more hot plug)	8	*
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)	8x or better	*
Network Card Supported	1G,10G	*
FC HBA Dual port card	Available	*
FC HBA Dual port card Speed	8	*
Power Management	-	*
Redundant Power Supply	Yes	*
Redundant Fan	Yes	*

Total No of Ports	2X 1G , 2 X 10G	*
Declare SPEC int_rate_base 2006 ; specfp_rate_2006 for 1,2,4,8 prcessor as applicable	Yes	*
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)	1100	*
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-5/197 7) b Cold test(For 4 hrs at a temperature of 0 degree C in accordance with IS: 9000/part-2/sec tion-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 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	No	*
Name address of Lab	-	*
Test Report No. date	-	*
Power Supply	230 V +/-10%, 50 Hz	*
On Site OEM	3	1, 3, 5 Or higher

	Warranty (years)	
--	-------------------------	--

* Bold specifications are the golden parameters.

Consignees and Quantity

S.No.	Consignee	Address	Quantity	Delivery Days
1	Vijay Kumar	140001,Room No. 104 , Indian Institute of Technology Ropar, Nangal Road,Rupnagar	1	15

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
----------	----

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

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

---Thank You---