



**TENDER FOR SUPPLY AND INSTALLATION OF HPC CLUSTER (576 Cores)**  
**PREBID CLARIFICATIONS - PREBID MEETING HELD ON 07.01.2021**

Current Technical Specifications in Tender	Vendor Remarks/Queries	Response
<b>Technical Specifications</b>		
12 Nos. (24 cores socket) or As per core density per node quoted by vendors for a total of 576 cores	Our understanding is the bidder need to offer a minimum of 576 cores with a cpu having minimum 24 cores, 2.3Ghz. It is upto the bidder to calculate the total number of nodes required to achieve 576 cores. Please confirm if our understanding is correct.	Please refer addendum.
Memory: RAM: Min 192GB ECC DDR4-3200 MHz or better . At least 12 DIMMs available in total . In 100% balanced Configuration with a total of 24/32 number of total DIMM slots for future expansion.	Please confirm if the proposed server should have a total of 12 , 2 or 32 DIMM slots.	Please refer addendum.
6 HDD bays supporting HDDs or SSDs	It is requested to remove this clause as compute nodes would not require additional drives after polulating initial 2 SSD drives. Most of the dense chassis do not support 6 HDD bays per node	Please quote as per specifications of the tender document only.
Form Factor: Half width 1U or equivalent (e. g. 4 servers in 2U) rack mountable	It is requested to change this clause to : Form Factor: "Half width 1U or 2U (e.g. 4 or 2 servers in 2U) rack mountable"	Please quote as per specifications of the tender document only.
<b>Master Node</b>		
Processor: 2 x Intel Gold series, minimum 2.3 Ghz clock speed, minimum 24 Cores or above (Intel® Xeon® Processor 6252N or better)	Processor: 2 x Intel Gold series, minimum 2.3 Ghz clock speed, minimum 24 Cores or above (Intel® Xeon® Processor 6252N or better) <b>or 2 x AMD EPYC 7002 series, minimum 2.3 GHz clock speed, minimum 32 Cores or above (AMD EPYC 7452 or better)</b>	Please refer addendum.
Memory: RAM: Min 192GB ECC DDR4-3200 MHz or better. At least 12 DIMMs available in total . In 100% balanced Configuration with a total of 24/32 number of total DIMM slots for future expansion.	Memory: RAM: Min 192GB ECC DDR4-3200 MHz <b>if quoted processor is Intel or Min 256GB ECC DDR4-3200 MHz</b> . At least 12 DIMMs available in total . In 100% balanced Configuration with a total of 24/32 number of total DIMM slots for future expansion.	Please refer addendum.
<b>Compute Node - 12 / 9 Nos. (24 / 32 cores socket) or As per core density per node quoted by vendors for a total of 576 cores</b>		
Processor: 2 x Intel Gold series, minimum 2.3 Ghz clock speed, minimum 24 Cores or above (Intel® Xeon® Processor 6252N or better)	Processor: 2 x Intel Gold series, minimum 2.3 Ghz clock speed, minimum 24 Cores or above (Intel® Xeon® Processor 6252N or better) <b>or 2 x AMD EPYC 7002 series, minimum 2.3 GHz clock speed, minimum 32 Cores or above (AMD EPYC 7452 or better)</b>	Please refer addendum.
<b>Commercial Terms</b>		
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Performance Bank Guarantee	Clarification on PBG: As per notification no. F. 9/4/2020-PPD and F.18/4/2020 from Ministry of Finance regarding PBG. As per the notification the PBG submission towards tender should be 3% against existing 10%.	Tender clause will remain the same. Latest notification will be considered at the time of issue of PO.
Purchase Preference	Make In India: Please provide the clarification on evaluation criteria i.e. preference in % for class I, II and III manufacturer during technical evaluation.	As per the tender terms and relevant latest notifications in this regard will be considered

Eligibility Criteria	OEM Brand should have minimum 10 entries in each of the list of worldwide top 500 supercomputers (Ref: <a href="http://www.top500.org">http://www.top500.org</a> ) published on June 2016 and later.	Please refer addendum.
Delivery Schedule	Delivery : kindly Increase the delivery timeline to 8 weeks Instead of four weeks. Also kindly confirm if the installation needs to be completed in given delivery timeline.	The tender terms will remain the same. There will be no extension on the delivery schedule. Only bidders who will be able to abide by this schedule are requested to participate in the tender.
Due Date for Submission	Kindly extend the last date of submission to another 2 weeks.	The tender terms will remain the same. There will be no extension of the submission date.