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04.03.2021

Department of Chemical Engineering

Corrigendum-1

Tender Reference no: CH/2021/IOEEOE/198/COMPUTING

Name of the Item: Setting up a high-performance cluster for scientific computing

Corrigendum details: Changes in Technical specification and Extension of Bid Submission Date.

Changes in Technical specification and Extension of Bid Submission Date:

S.NO	PREVIOUS SPECIFICATION	REVISED SPECIFICATION
1.Eligibility Criteria	Bidder should have a minimum 10 years of experience in HPC business (proof of 3 Purchase Orders along with successful installation report must be submitted, out of these at least one sale should be older than or equal to 10 years).	Bidder should have a minimum 5 years of experience in HPC business (proof of 3 Purchase Orders along with successful installation report must be submitted, out of these at least one sale should be older than or equal to 5 years).
2. Master node (Login, IO, etc)	<ul style="list-style-type: none">Processors - Intel Xeon Gold 6XXX series or aboveClock at least 32 instructions per core per cycleAt least 20 cores per socket with 2.4 GHz or more base processor frequencyTwo processors per nodeAt least 6 GB DDR4 RAM for main memory in a balanced configuration per core with 2666 MHz or more (If such a configuration is not feasible, then at least 192 GB DDR4 RAM for main memory in a balanced configuration per node with 2666 MHz or more)At least 1 TB 15K RPM SAS Hard disk per nodeRack mountable with suitable mounting kitService level: 24x7	<ul style="list-style-type: none">Processors - Intel Xeon Gold 6XXX series or aboveClock at least 32 instructions per core per cycleAt least 24 cores per socket with 2.4 GHz or more base processor frequencyTwo processors per nodeAt least 192 GB DDR4 RAM for main memory in a balanced configuration per node with 2933 MHz or more.At least 1 TB SAS Hard disk per nodeRack mountable with suitable mounting kit Service level: 24x7

<p>3.CPU-only compute nodes</p>	<ul style="list-style-type: none"> • Processors - Intel Xeon Gold 6XXX series or above • Clock at least 32 instructions per core per cycle • At least 20 cores per socket with 2.4 GHz or more base processor frequency • Two processors per node • At least 6 GB DDR4 RAM for main memory in a balanced configuration per core with 2666 MHz or more (If such a configuration is not feasible, then at least 192 GB DDR4 RAM for main memory in a balanced configuration per node with 2666 MHz or more) • At least 1 TB 15K RPM SAS Hard disk per node • One free PCI-e slot for future expansion • Rack mountable with suitable mounting kit • Redundant power supplies for all nodes • Service level: Next business day 	<ul style="list-style-type: none"> • Processors - Intel Xeon Gold 6XXX series or above • Clock at least 32 instructions per core per cycle • At least 24 cores per socket with 2.4 GHz or more base processor frequency • Two processors per node • At least 192 GB DDR4 RAM for main memory in a balanced configuration per node with 2933 MHz or more. • At least 1 TB SAS Hard disk per node • One free PCI-e slot for future expansion • Rack mountable with suitable mounting kit • Redundant power supplies for all nodes <p>Service level: Next business day</p>
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The due date for the submission of bids has been extended to 12/03/2021 @ 3 PM & the technical bid opening is 12/03/2021 @ 4 PM

Tender Inviting Authority:

The Senior Manager, Project Purchase,
I.I.T. Madras, Sardar Patel Road, IC & SR Building, 2nd floor,
Chennai – 600 036.

