

**Bid Ref. No. - IITB/MINRO-004/2018-19**

21<sup>st</sup> February, 2019

## **Amendment – I**

International Institute of Information Technology Bangalore, located at 26/C, Electronics City, Bangalore, Karnataka - 560100, invited sealed tenders from eligible bidders for **Supply & Installation, Big Data Infra Structure vide Bid Ref No – IITB/Minro-004/2018-19.**

**Following amendments are made in above mentioned Tender document**

Sl	Page #	Description	As per Original Bid document	Amended (New dates/specs)
1	3&4	Technical Specifications		Revised New specifications are as follows.
2	3	Last date for submission of Bids	26 <sup>th</sup> February, 2019 14:00 Hrs	5 <sup>th</sup> March, 2019 14:00 Hrs
3	3	Opening of Technical Bids	26 <sup>th</sup> February, 2019 15:00 Hrs	5 <sup>th</sup> March, 2019 15:00 Hrs
4	3	Completion of Technical Bid evaluation	28 <sup>th</sup> February, 2019 14:00Hrs	11 <sup>th</sup> March, 2019 14:00Hrs
5	3	Commercial Bid opening	28 <sup>th</sup> February, 2019 15:00Hrs	12 <sup>th</sup> March, 2019 11:00 Hrs
6	3	Issue of Purchase Orders	8 <sup>th</sup> March, 2019	20 <sup>th</sup> March, 2019

### **Revised Technical Specifications (Supply & Installation) for “Big Data Infrastructure at IITB”**

<b>Part 1: Minimum Configuration Master Node Rackmountable - 1 quantity</b>	
<b>Processor</b>	2 x Xeon Silver 4116 Processor 12-core 2.10GHz 16.50MB Cache (85W) or Power processor
<b>Board</b>	C621 chipset or chipset for power processor
<b>Memory</b>	4 x 16GB DDR4 2400 or higher ECC - 64GB (Min 16 DIMM slots)
<b>Storage</b>	2 x 10TB Enterprise SATA 7200 in RAID 1
<b>HDD Bays</b>	8 drive bays
<b>GPU</b>	Support 4 GPU Card in Future (TESLA V100 PCIe)
<b>Raid</b>	12Gb/s Eight-Port SAS/SATA Internal RAID Adapter Support 0, 1, 5, 6, 10, 50 & 60
<b>Network</b>	Single Port 10GbE with required Transceiver and 3 Mtr FC Cable should be quoted to connect to existing switch - HP 5900 JC772A over 10G Network
<b>Expansion</b>	4 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slots, 2 USB port
<b>Chassis</b>	Rackmountable with enough fan for proper cooling. Chassis should support 4-GPU & 2-CPU and maintain air flow along with proper temperature.

Power	2000W Redundant Power Platinum/Titanium Level with power cable
OS	Support all Unix/Linux based OS.
Software Installation	Install and configure the systems using open source Linux OS and create a big data cluster with open source Big Data technology stack. Provision for role-based user access. End user should be able to access cluster and copy data/run script.
Warranty	3 Year Onsite Warranty and support for above parts

<b>Part 2: Minimum Configuration Data nodes Rackmountable - 3 quantity</b>	
Processor	2 x Xeon Silver 4116 Processor 12-core 2.10GHz 16.50MB Cache (85W) or Power processor
Board	C621 chipset or chipset for power processor
Memory	4 x 32GB DDR4 2400 ECC or higher - 128GB (Min 16 DIMM slots)
Storage	5 x 10TB Enterprise SATA 7200 RAID 0
HDD Bays	8 drive bays
GPU	Support 4 GPU Card in Future (TESLA V100 PCIe)
Raid	12Gb/s Eight-Port SAS/SATA Internal RAID Adapter Support 0, 1, 5, 6, 10, 50 & 60
Network	Single Port 10GbE with required Transceiver and 3 Mtr FC Cable should be quoted to connect to existing switch - HP 5900 JC772A over 10G Network
Expansion/Slots	4 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slots, 2 USB port
Chassis	Rackmountable with enough fan for proper cooling. Chassis should support 4-GPU & 2-CPU and maintain air flow along with proper temperature.
Power	2000W Redundant Power Platinum/Titanium Level with power cable
OS	Support all Unix/Linux based OS.
Software Installation	Install and configure the systems using open source Linux OS and create a big data cluster with open source Big Data technology stack. Provision for role-based user access. End user should be able to access cluster and copy data/run script.
Warranty	3 Year Onsite Warranty and support for above parts

**All other Terms and Conditions remain same.**

**Chief Administrative Officer – IIIT-Bangalore**