

TEQIP-III

OFFICE OF THE TEQIP ::: JORHAT ENGINEERING COLLEGE

JORHAT : 785007, ASSAM

www.jecassam.ac.in

Reference No. TEQIP-III/As/jejc/93/Corig-2

Date 13/02/2019

CORRIGENDUM NO: 2 NATIONAL COMPETITIVE BIDDING FOR

THE SUPPLY OF Laboratory equipments for department of Computer Science & Engineering

Package no TEQIP-III/AS/jejc/93

The Corrigendum in the bid document to the above mentioned package are :

1. Under SECTION IV: SPECIAL CONDITIONS OF CONTRACT page no 34, G.C.C. Clause 15.2 “In partial modification of the provisions, the warranty period shall behours of operation or 12 months from date of acceptance of Goods or months from the dates of Shipment, whichever occurs earlier” should be read as “In partial modification of the provisions, the warranty period shall behours of operation or **60** months from date of acceptance of Goods or months from the dates of Shipment, whichever occurs earlier”.
2. Under SECTION VI: Technical Specification, page no 41, the specification should be read as Modified specification (Hence the existing specification is replaced with the modified specification)

Serial No.	Item	Existing Specification	Modified Specification
1	Server 1	Two Intel Xeon Gold 5120 processors, Intel C600 series chipset or higher, 128 GB DDR4 RAM upgradable up to 768 GB, 3 x 2 TB NL SAS 7.2 K RPM Hot Plug HDD, HDD bays supporting SAS,SATA,SSD drives, up to 6 PCIe 3.0 slots, Integrated RAID Controller Support for RAID 0,1,5; configured for RAID 5, 2 X 10 G Integrated gigabit Ethernet card SFP+ (populated with compatible SR transceivers), one NVIDIA Tesla V100 GPU Card, CentOS/Ubuntu, Minimum five USB ports, Support for 40/100Gig Ethernet card of same make as that of the proposed server, Redundant Power Supply with more than 90% power efficient, five years onsite comprehensive warranty directly from OEM	Two numbers of Intel Xeon Silver 4114 processors, Intel C600 series chipset or higher, 128 GB DDR4 RAM upgradable up to 768 GB, 3 x 2 TB NL SAS 7.2 K RPM Hot Plug HDD, HDD bays supporting SAS,SATA,SSD drives, up to 6 PCIe 3.0 slots, Integrated RAID Controller Support for RAID 0,1,5; configured for RAID 5, 2 X 10 G Integrated gigabit Ethernet card SFP+ (populated with 2x10Gig MM transceivers compatible to proposed 10Gig Switch transceivers), one NVIDIA Tesla V100 GPU 16GB Card, Pre-Installed CentOS, Minimum five USB ports, support 40Gig and 100 Gig Ethernet cards, for which warranty and support to be provided by the server OEM, Form factor 1U/2U
2	Server 2	Two Intel Xeon Silver 4110 processors, Intel C600 series chipset or higher, 128 GB DDR4 RAM upgradable up to 768 GB, 3 x 2 TB NL SAS 7.2 K RPM Hot Plug HDD, HDD bays supporting SAS, SATA,SSD drives, up to 6 PCIe 3.0 slots, Integrated RAID Controller Support for RAID 0,1,5; configured for RAID 5, 2 X 10 G Integrated gigabit Ethernet card SFP+ (populated with compatible SR transceivers),	Two numbers of Intel Xeon Silver 4114 processors, Intel C600 series chipset or higher, 128 GB DDR4 RAM upgradable up to 768 GB, 3 x 2 TB NL SAS 7.2 K RPM Hot Plug HDD, HDD bays supporting SAS, SATA,SSD drives, up to 6 PCIe 3.0 slots, Integrated RAID Controller Support for RAID 0,1,5; configured for RAID 5, 2 X 10 G Integrated gigabit Ethernet card SFP+ (populated with 2x10Gig MM transceivers)

		CentOS/Ubuntu, Minimum five USB ports, Support for 40/100Gig Ethernet card of same make as that of the proposed server , Redundant Power Supply with more than 90% power efficient, five years onsite comprehensive warranty from OEM directly	compatible to proposed 10Gig Switch transceivers), one NVIDIA Tesla V100 GPU 32 GB Card Pre-Installed CentOS, Minimum five USB ports, support 40Gig and 100 Gig Ethernet cards, for which warranty and support to be provided by the server OEM Form factor 1U/2U
3	Switch for Cluster	24 port 10Gbps SFP+ SR, Minimum 300ns latency, redundant power and cooling, Feature support: RoCE, VxLAN, PTP, DCBx, PFC, and ECN, Full L3 switching and Routing, SDN ready	24 port 10Gbps SFP+ SR (populated with 16x10Gig MM transceivers compatible to proposed server transceivers), Minimum 300ns latency, redundant power and cooling, Feature support: RoCE, VxLAN, PTP, DCBx, PFC, and ECN, Full L3 switching and Routing, SDN ready
4	Node for storage	1x6 Core Intel Xeon-Gold 5118 (2.3GHz/12-core/105W) Processor, 16GB (1x16GB) Dual Rank x4 DDR4-2666, Integrated RAID Controller, Support for RAID 0,1,5; configured for RAID 5, 2x300GB SATA/SAS HDD for O/S, 20 TB Storage HDD, 2x10/25Gb Ethernet Adapter, 2xPower Supply, five years Warranty and Onsite Support from OEM directly	One Intel Xeon-Gold 5118 (2.3GHz/12-core/105W), Processor, 16GB (1x16GB) Dual Rank x4 DDR4-2666, Integrated RAID Controller, Support for RAID 0,1,5; configured for RAID 5, 3x10 TB SATA 7.2 K HDD (scalable to 8x10 TB SATA 7.2 K HDD), 2x10Gb Ethernet Adapter Pre-Installed CentOS Form factor 1U/2U
5	Card for integrating existing node	10 Gbps Ethernet Card for HP Z820 Workstation, HP X520 10GbE Dual Port Adapter, HP 10GbESFP+ SR Transceivers	10 Gbps Ethernet Card for HP Z820 Workstation, HP X520 10GbE Dual Port Adapter, HP 10GbESFP+ SR Transceivers
6	1U Console	1 U - 17" Rack Mountable Console (with keyboard & mouse attached to the monitor)	1 U - 18.5" (minimum) Rack Mountable Console (with keyboard & mouse attached to the monitor), five years Warranty and Onsite Support from OEM directly.
7	KVM Switch	16 Port KVM Switch with necessary Cables	16 Port KVM Switch (USB) with necessary Cables, five years Warranty and Onsite Support from OEM directly.

3. Under SECTION VI -A: QUALIFICATION CRITERIA, page no 42, the original terms and condition should be read as Modified terms and condition (Hence the existing terms and condition is replaced with the modified terms and condition)

Serial No	Original terms and condition	Modified terms and condition
1	All proposed components (other than the item listed at serial number 5), should preferably be from a single manufacturer for ease management, issue reporting and single point of contact during five years operation and maintenance.	The proposed items (other than the item listed at serial number 5) , should be from a single manufacturer for ease management, issue reporting and single point of contact during five years operation and maintenance. For items mentioned at serial numbers one and two, the warranty and support for the proposed NVIDIA cards should be provided by the server OEM for five years of operation and maintenance. For items listed at serial numbers one, two and three, part codes of all the components and sub-components should be specified in the technical proposal/BoM.
2	Manufacturer Authorization form is mandatory for participation in this tender.	Manufacturer Authorization form (excluding the item at serial number five) is mandatory for participation in this tender.
3	Manufacturer declaration for supporting all the above components during five years of operation and maintenance in absence of bidder, at no additional cost to be provided along with the bid document	Manufacturer declaration for supporting all the above items and their components/sub components (excluding the item at serial number five) during five years of operation and maintenance in absence of bidder, at no additional cost, to be provided along with the bid document.
4	Bidder may have to deploy software defined storage, cloud computing, HCI preferably over open source tools with proposed and existing hardware.	Bidder will have to deploy software defined storage, Open source Cloud, Virtualization Solution , high performance computing cluster, HCI preferably over free and open source tools with proposed and existing hardware
5	Five years onsite comprehensive warranty	Five years onsite comprehensive warranty with 24x7x365

	with 24x7x365 Hardware and Software support with next business day onsite response from OEM. Post supply, 5year warranty of the product should reflect in the support web-site of the OEM.	Hardware and Software support with next business day onsite response from OEM. Post supply, 5year warranty of the product should reflect in the support web-site of the OEM.
6	OEM (Manufactures) should have at least 5 HPC capability installations in latest listing of Top 500 supercomputer list.	OEM (Manufactures) should have at least 5 HPC capability installations in latest listing of Top 500 supercomputer list.
7	OEM should have service center in any part of the north eastern states of India.	Omitted
8	OEM should have ware house in any part of the north eastern states of India.	Omitted
9	OEM should have its service engineer stationed in Assam.	Omitted
10	Bidder should propose part codes for each line item including five years of OEM support. Bill of material (BoM) to be submitted consisting of part codes of all line items. Without proper BoM bid will be rejected.	Bidder should propose part codes for all the components and sub components of each line item (except the item at serial number five) including five years of OEM support. Bill of material (BoM) to be submitted should consist of part codes of all line items and their components/sub components. Without proper BoM, bid will be rejected.
11	Bidder/OEM to ensure that all components required for server connectivity with the proposed 10Gig switch should be included in their BoM.	Bidder/OEM to ensure that all components required for server connectivity with the proposed 10Gig switch should be included in their BoM.
12	Any component not mentioned in the tender, but required to complete the solution should be proposed by bidder	Any components, including open source tools, not mentioned in the tender, but required to complete the high performance computing solution along with necessary Cables, patch cords (Fibre/Copper), transceivers should be included by the bidder in their technical proposal.

The remaining terms and conditions of the bid documents of the NCB shall remain unchanged.



Diganta Hatibaruah

Coordinator

TEQIP-JEC