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Department of Chemistry

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Enquiry No: CHM/NN/2013–14/02
Last Date: September 03, 2013

Kanpur, August 23, 2013

Subject: Quotation Enquiry for Storage Device

Dear Sir,

Quotations are invited for the purchase of a storage device with the specification as given in Appendix–1 for connecting it with the existing computer cluster in the research lab Southern Labs 302, Department of Chemistry, IIT Kanpur.

Please send sealed quotation by the 3rd of September 2013 to the following address:

Dr. Nisanth N. Nair
Department of Chemistry
IIT Kanpur
208016, Kanpur.

For the specification of the storage device, see Appendix–1 (Page 2)

Terms and Conditions:

1. Delivery period: 8 weeks

2. Solution should be installed (with the existing cluster) in Southern Lab–302

3. Installation period: within 2 weeks from the date of supply of equipment.

Sincerely,
Nisanth N. Nair

Appendix -1

Specification of the Storage Device: 1 No.

Operating System & Clustering Support	The storage array should support industry-leading Operating System platforms including: Windows Server 2003, Windows 2008, VMWARE, Citrix and Linux.
Capacity & Scalability	1. The Storage Array shall be offered with 16 TB RAW Capacity using 2000 GB SATA/NL SAS Drives 7.2K rpm drives
	2. Storage shall be scalable to minimum of 60 numbers of drives or greater.
Front–end Ports	Offered storage subsystem shall have total of one or more number of SAS ports and compatible HBA card should be provided for existing server.
Back–end	Offered storage subsystem back–end engine shall be running on latest SAS (6Gbps) loop speed.
Array configuration	Offered storage array shall be configured with 1 GB of cache or more.
Disk drive support	1. Offered storage array shall support minimum 200/400/600 GB hot–pluggable Enterprise SAS hard drives along with 1/2/3/4 TB SATA/NL SAS drives.
	2. For green datacenter initiative, storage subsystem disks shall support spin down feature for drives whenever not in use.
Raid Support	Offered Storage Subsystem shall support Raid 0, 1(0+1), 5, 6, 10, 50, 60 with Dual Parity Protection
Point in time and clone copy	Offered storage array shall support snapshot and clone functionality
Warranty	3 years, 24×7 comprehensive onsite Warranty with necessary spares and labor.
Make/Model	All leading OEMs