



# भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद

## INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD

(A Deemed to be University Established under Sec.3 of UGC Act, 1956 vide Notification No. F.9-4/99-U.3 Dated 4/08/2000 of Govt. of India)

(A center of excellence in Information Technology established by Ministry of HRD, Govt. of India)

Deoghat Jhalwa, Allahabad – 211 011 (U.P.), India

Ph: 0532-2922025, 2922000; Fax: 0532-2430006, 2922144; Web: [www.iiita.ac.in](http://www.iiita.ac.in); E-mail: [contact@iiita.ac.in](mailto:contact@iiita.ac.in)

### Enquiry Letter

Ref. No. : IIIT-A/ENQ/DR(F)/1568/ 2013

Date : 23<sup>rd</sup> July 2013

To,

M/s. ....

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**Sub. : Quotation for Supply of SAN (Storage Area Network) for the Allahabad High Court project.**

Dear Sir,

Institute intends to purchase the "**SAN (Storage Area Network)**" for which quotations are invited as per specification and details given in below:-

### **SPECIFICATION of SAN (Storage Area Network) :**

| S.No.               | Item Description                      |  | Qty | Rate in Rs. | Total Rs. |
|---------------------|---------------------------------------|--|-----|-------------|-----------|
| Hardware Component  |                                       |  | 01  |             |           |
| 1                   | R-SS-3024i                            | Single Controller QSAN Technology  |     |             |           |
| 2                   | No. of Host Channels Per Controller   | 4*Iscsi  |     |             |           |
| 3                   | Expension Enclosure                   | J300Q Series   |     |             |           |
| 4                   | Cache Memory per Controller           | 2GB Upto 4GB   |     |             |           |
| 5                   | Min No. of Hard Drives(SAS or SATAII  | 24   |     |             |           |
| 6                   | Max. No. of Hard Drives(SAS or SATAII | 72   |     |             |           |
| 7                   | Total Capacity                        | 288 TB   |     |             |           |
| 8                   | Power Supply                          | 3*550W   |     |             |           |
| 9                   | Fan                                   | Hot Swappable 2 FAN  |     |             |           |
| 10                  | Dimension                             | 4U 19" Rackmount 446.0MM* 499.5MM*176.0MM(W*D*H)   |     |             |           |
| Features Highlights |                                       |  |     |             |           |
| 1                   | Green                                 | Auto disk spin down Advanced colling mechanism 80+ energy-efficient power supply   |     |             |           |
| 2                   | Iscsi                                 | Hardware Iscsi off-load engine iscsi jambo frame Header/data digest CHAP Authentication up to 32 multiple nodes support Up to 128 sessions per controller  |     |             |           |
| 3                   | RAID and Volume                       | RAID Level 0,1,0+,1,3,5,6,10,30,50,60, JBOD, N-way mirror Up to 1024 logical volume Up to 32 hard drives per volume group One logic volume can be shared by as many as 16 hosts Global and dedicated hot spare Write- through or write-back cache policy Online volume expansion Instant RAID volume availability Auto volume rebuilding On-line volume migration without system down time |     |             |           |
| 4                   | High Avalability                      | Dual-active RAID controller Cache mirroring through high bandwidth channels Flexible RAID group ownership management. Management port seamless take-over Online firmware upgrade, no system down time Multi-path and load-balancing support Microsoft MPIO, MC/S, Trunking, LACP   |     |             |           |
| 5                   | Adavanced Data Protection             | Qsnap writable snapshot Microsoft windows volume shadow copy services(VSS) Configurable N-way mirror Online disk roaming Instant volume configuration restoration Hot pluggable battery backup module(BBM)   |     |             |           |
| 6                   | Management                            | LCM; serial console; SSH telnet; HTTP webUI; secured web(HTTPS); ISNS; S.E.S.  |     |             |           |
| 7                   | Notification                          | Email; SNMP trap; Browser pop-up windows; Syslog; windows messenger  |     |             |           |
| 8                   | OS Support                            | Windows; Linux; Solaris; Mac   |     |             |           |
| 9                   | Virtualization                        | VMWare; Hyper-V; Citrix  |     |             |           |

You are requested to send the quotation by courier/speed post and also by email with complete details of specifications, terms & conditions, warranty/guarantee etc **upto 08/08/2013 till 6:00 PM. Basic rate, taxes and freight charges etc. should be quoted separately.** F.O.R. destination at IIIT-A, Deoghat Jhalwa, Allahabad. Please indicate any promotional benefit offered for above product to the Educational



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Institution. The Institute is exempted from custom and excise duty in terms of notification No. 51/96-Customs dated 23/07/1996 and No. 10/97-Central Excise dated 01/03/1997 and is an University established under M.H.R.D. Govt. of India. Certificate to this if, required, shall be provided by the Institute. Quotation should be addressed to Director IIIT-A.

### Note :

- \* Preference will be given to the firm, if Manufacturer/ Sole distributor.
- \* Quoted rate should be valid at least for 01months.
- \* Quality, if not, found according to our specification as annexed and standards supply will not be accepted.
- \* Replacement Guarantee and Warranty as applicable should be clearly mentioned in quotation and documents may be furnish along with bill.
- \* Payment will be made within seven day after supply and satisfactory report from users end.
- \* May feel free to contact on E-mail [dr.f@iiita.ac.in](mailto:dr.f@iiita.ac.in), Ph. No. : 0532-2922007 Fax: 0532-2922164.
- \* In view of wide publicity the details are also available on our web site ([www.iiita.ac.in](http://www.iiita.ac.in)), may be seen.
- \* Fax/E-mail address/contact no./Name of person to be contacted.
- \* All disputes are subject to Jurisdiction of Allahabad.

S/d  
(R. B. Singh)  
Dy. Registrar (Finance)

### Copy to:

- DR (E) to Hon'ble Director for his kind information please.