


OFFICE OF THE SUPERINTENDENT: ODISHA STATE ARCHIVES,
SACHIVALAYA MARG, BHUBANESWAR

TENDER CALL NOTICE

Sealed Tenders are invited from the firms for "Purchase of the following items in connection with digitization of Archival rare books and records of Odisha State Archives, Bhubaneswar with detail scope written in technical BID form. The price should be quoted including all taxes applicable and other charges as applicable. The tenders should accompany the ITCC/STCC and should reach the office of the undersigned on or before within 09.12.2013. The Tenders will be opened on 09.12.2013 at 3.00 pm in the office of the under signed. Detail Documents should be given along with the Tender. The undersigned has all the rights to disqualify based on the quality and technology used by the vendors. The undersigned reserves the right to reject any or all Tenders without assigning any reason thereof. Payment will be made after delivery and certificate from the authorised officers or as per the Financial BID form in the undersigned authority. For more details of the Tender documents and terms & conditions visit to <http://www.orissaculture.gov.in/advertisement.asp> and contact the undersigned during working hours.

Sl. No.	Items	Quantity
1.	5TB SAN Storage system	One
2.	24 Port SAN Switch	One
3.	24 Port Switch	One
4.	16 Port Switch	One
5.	Thin Client	Six
6.	Other networking equipments	



Superintendent,
Odisha State Archives, Bhubaneswar.

Phone no:-0674-2501636

Technical & Financial BID

SUPPLY OF SAN STORAGE & NETWORKING EQUIPMENTS

Odisha State Archives

BHUBANESWAR

BID REF. NO : OSA-04/2013

Last Date for Submission of Tech. &Fin. Bid: **Dt. 09.12.2013 up to 03:00 PM.**

Place of Submission of Bid: Odisha State Archives,
Sachivalaya Marg,
Bhubaneswar-751 001

Opening of Technical Bid **Dt. 09.12.2013 at 03:00 PM.**

**ODISHA STATE ARCHIVES
SACHIVALAYA MARG, , BHUBANESWAR- 751013
PHONE: 0674-2501636 FAX :91-0674-2501636
E-MAIL : odishaarchives@gmail.com**

TERMS AND CONDITIONS

- 1.1 Bidders have to ensure compliance of all clauses as described on the tender document and attached technical specification indicated at Annexure-VI.
- 1.2 The Technical & financial bid will be submitted with following Annexures
 - Annexure-I : Technical Bid
 - Annexure-II : Representative Authorisation Letter
 - Annexure-III : Self Declaration
 - Annexure-IV : Acceptance of Terms and condition
 - Annexure-V : Financial Bid (A,B,C)
 - Annexure-VI : Technical Specification (A,B,C,D,E)
 - Annexure-VII : Terms & Conditions
- 1.3 It will be imperative on each bidder to fully acquaint himself with the local taxes and charges which would have any effect on the supply of equipment/machinery/materials.
- 1.4 Sealed financial bid has to be send by Regd. Post / Deposited in the "Superintendent, Odisa State Archives, SACHIVALAYA MARG, BHUBANESWAR, ODISHA, PIN-751001"

Late tender: Any tender received after scheduled date and time of submission of bids will not be considered.
- 1.5 Un-signed & un-stamped financial bids shall not be accepted.
- 1.6 Decision of OSA in respect of evaluation of bids and/ or award of contract shall be final.
- 1.7 Upon verification, evaluation / assessment, if in case any information furnished by the vendor is found to be false/incorrect, their total bid shall be summarily rejected and no correspondence on the same, shall be entertained.
- 1.8 No deviations from tender terms and conditions will be accepted. Any violation thereof will lead to the rejection of the bid.
- 1.9 OSA reserves all rights to ask for any type of clarification failing which it may leads to **CANCELATION** the bid.
- 1.10 OSA will not be responsible for any misinterpretation or wrong assumption by the vendor.
- 1.11 OSA is not responsible for non-receipt of financial bids within the specified date and time due to any reason including postal delay or holidays.

- 1.12 Purchase order will be issued to the successful Bidder after evaluation of the tender.
- 1.13 OSA will reject the bid at any point of time if bidder found blacklisted, rejection or cancellation of award because of non performance in any govt / semi govt/PSU or govt affiliated institution's floated tender/RFP/ EoI process.
- 1.14 The authority reserves the right to accept/reject any or part of or all the bids without assigning any reason thereof.

1.15 PAYMENT TERM

Payment will be made after successful installation and commission of the equipment.

1.16 Termination For Default

OSA may without prejudice to any other remedy for breach up of terms and conditions .

- a) If the bidder fails to deliver or complete the job assigned in the terms and conditions within the time period (s) specified in the BID Document/Financial Bid document.
- b) If the bidder fails to perform any other obligations under the terms and conditions.

In case of the termination of the contract, OSA shall have right to get the remaining work carried out from another vendor.

1.17 Evaluation of Commercial offer

The Final Selection of Bidder will be done based on Lowest rate quoted by the bidder. The lowest quoted bid henceforth will be called Lowest One (L1).

1.18 Delivery of Equipment /Machinery/Materials :

- 1.18.1 The Bidder have to supply or installed the equipment / Machinery as per specification mentioned in tender documents. If failed to supply the order will be cancelled.
- 1.18.2 Materials will be supplied and installed within one month from the date of receipt the order.
- 1.18.3 If any defective will be noticed at the time of delivery the same may be replaced forthwith.
- 1.18.4 If L-1 will be failed to supply the materials the next bidder will be considered.

1.19 Taxes & Duties

- 1.19.1 The prices shall be inclusive of all taxes & duties as applicable.
- 1.19.2 OSA shall be authorized to deduct any income/Service tax as applicable from the Bidder.

1.19.3 No escalation of cost is allowed during the validity of bid.

1.19.4 The prices quoted shall be firm throughout the bid evaluation period and order placement. If any rates of tax are decreased an equitable adjustment of the Contract Price shall be made to fully take into account any such change by deduction there from.

1.20 Jurisdiction

Suites, if any arising out of the contract shall be filed by either party in a court of Law to which the jurisdiction of the Court of Bhubaneswar, Odisha only.

1.21 Right To Reject/Accept The Tender

OSA reserves the right either to reject or accept any or all bids. The purchaser has exclusive right to alter the requirements at the time of placing the final purchase order. After placing the purchase order, the purchaser may order to defer the whole contract.. It may be clearly understood by the tenderer that the purchaser need not assign any reason for the above action.

1.22 Final Authority

The final authority for payments will be the consignee except otherwise specifically stated and if the vendor/supplier desires to appeal against any matter he shall appeal to Superintendent, Odisha State Archives, Sachivalya Marg, Bhubaneswar-751001 whose decision on such matters shall be final and conclusive.

ANNEXURE-I

TECHNICAL BID FORM

(Technical Bid)

(Vendors quoting should be OEM authorizations : Authorizations should be submitted specific to this particular tender)

1. (a) Name of the firm/agency/_____

Postal Address _____

2. Telephonic/telegraphic

(a) Firm/agency: Land phone (STD) code)- Land line Number)

Fax _____

Mobile:- _____

E.mail: _____

URL (of website) if any _____
3. PAN _____ Number (Xerox copy to be attached)
4. TIN _____ No. (Xerox copy to be attached)

(Firm/Agency)
5. Income Tax Assessment Certificates for last 3 years. (20011-12/2012-13/2013-14)

Xerox copy to be attached.
6. VAT clearance certificate- Xerox/copies to be attached (last 3 years).
7. Satisfactory performance Certificate at least one user is must from any Govt. (Central or State) / PSU / Autonomous body for similar equipment on Letter Head in last 3 years.
8. Should have at least 3 installations in India in past 3 years.
9. EMD of Rs. _____ (Rupees _____)

vide DD No./Banker Checks No./Bank Guarantee from

dt.

Place:

Date:

Counter signature of Agency/firm

Company Seal

ANNEXURE-II**REPRESENTATIVE AUTHORIZATION LETTER**

To,

ODISA STATE ARCHIVES
SACHIVALAYA MARG,
BHUBANESWAR-751 001

Ms. /Mr. _____ is hereby authorised to sign relevant documents on behalf of the company in dealing with financial bid reference No. OSA-04/2013. S/He is also authorised to attend meetings & submit technical & commercial information as may be required by you in the course of processing above said application.

Thanking you,

Authorised Signatory

Representative Signature

Signature attested

Company Seal

ANNEXURE-III**Self Declaration**

To,

Odisha State Archives
SACHIVALAYA MARG,
BHUBANESWAR-751 001

In response to the invitation No. OSA-04/2013, Ms. /Mr. _____,
as a _____, I / We hereby declare that our company
_____ is having unblemished past record and have not
declare blacklisted by any Central/State Government institution and there has been
no pending litigation with any government department on account of similar
services. I/We further declare that our company have not defaulted in executing any
Government order in the past.

Signature of witness
Date:
Place:

Signature of the Tenderer
Date:
Place:

Company Seal

ANNEXURE-IV**ACCEPTANCE OF TERMS & CONDITIONS CONTAINED IN THE TENDER DOCUMENTS AND FINANCIAL BID DOCUMENTS**

To,

The Superintendent
Odisha State Archives
Sachivalaya Marg
Bhubaneswar – 751 001
Odisha

Sir,

I have carefully gone through the Specifications and Terms & Conditions contained in the Tender Document and financial bid document [OSA/04/2013] regarding For Selection of Agencies for Supply of materials as specified for Digitization of Archival Rare book and Records Of Odisha State Archives,Bhubaneswar.

I declare that all the provisions/terms and conditions/Clauses of the Tender Document and financial bid document [OSA/04/2013] are acceptable to my Company/Organisation. I further certify that I am an authorised signatory of my company and am, therefore, competent to make this declaration.

Signature of witness
Date:
Place:

Signature of the Tenderer
Date:
Place:

ANNEXURE-V-A**FORMAT FOR FINANCIAL BIDDING FOR SAN STORAGE SYSTEM**

SI NO	Description of Items	Rate Per Unit	Taxes and other duties	Total Price
(A)	(B)	(C)	(D)	(E=C+D)
1.	5 TB SAN Storage systems for Data Backup (Detail Specification as on Annexure-VI-A)			
2.	SAS Drive (15K).			
	1. 146 GB			
	2. 400 GB			
	3. 900 GB			

Authorised Signatory

Place : _____

Date : _____

Common Seal of company

ANNEXURE-V-B**FORMAT FOR FINANCIAL BIDDING FOR NETWORKING EQUIPEMNTS & MATERIALS**

SI NO	Description of Items	Rate Per Unit	Taxes and other duties	Total Price
(A)	(B)	(C)	(D)	(E=C+D)
1.	24 Port Managed Stackable Switch (Detail Specification as on Annexure-VI-B)			
2.	24 Port Managed switch (Detail Specification as on Annexure-VI-C)			
3.	16 Port switch (Detail Specification as on Annexure-VI-D)			
4.	42U CoLocation Server Rack			
5.	9U Rack			
6.	Patch Panel			
7.	I/O box			
8.	Patch Cable:- 1 meter			
9.	Patch Cable:-2 meters			
10.	CAT-6 Cable			
11.	Structure Cabling/Cashing			
12.	2 U Cable Management Horizontal Bar			
13.	1U Adjustable Vented Rack Shelf (Heavy Duty)			
14.	Universal Support Rails			

* Vendor are requested to visit the site for networking and give the detailed estimate along with the financial Bid

Authorised Signatory

Place : _____

Date : _____

Common Seal of company

ANNEXURE-V-C**FORMAT FOR FINANCIAL BIDDING FOR THIN CLIENT**

SI NO	Description of Items	Rate Per Unit	Taxes and other duties	Total Price
(A)	(B)	(C)	(D)	(E=C+D)
1.	Thin Client (Detail Specification as on Annexure-VI-E)			

Authorised Signatory

Place : _____

Date : _____

Common Seal of company

ANNEXURE-VI-A

iSCSI SAN Storage

Sr. No.	Component	Specifications
1	SAN Storage Model	Storage must feature iSCSI.
2	Spindle Flexibility	The array should have option for SAS/SATA drive.
3	Array Architecture	The array should be equipped with N+N(with minimum of 2 array controllers) and should be modular in architecture to support multiple controllers to improve performance
		The storage system should be provided with 4GB cache and should be modular in nature to increase the cache by adding controller or by adding IO card for cache. Cache should be scalable upto 24 GB across controllers.
		The array should be able to scale more then 240 drives. Scalability should be achieved without changing the existing controllers. Scalability should be achieved either by adding more disk shelves or by adding more arrays in array group.
		The storage system should support minimum 8 front end ports of 1 Gb iSCSI and should be modular in nature to support more iSCSI connection by adding more controller or by adding IO cards. The support for 10 G iscsi also
		The SAN must support auto replication.
4	Array Features (If any of the features mentioned requires license the same should be included as part of the BOM)	Intelligently restripe data as disks are added to optimize and licence for the same should be provided.
		Array should support Thin Provisioning and licence should be provided for the complete capacity
		Array should support snapshot feature and licence for complete capacity should be provided for the same.
		The array should support applicatio aware snapshot for exchange, vmware and hyper-v and licence for the same should be provided.
		Array should support replication and the required licence should be provided for the same.
		The SAN must allow RAID levels to be changed on the fly without taking down the server to which the volume is attached.
5	Storage capacity	5 TB usable space on RAID 5 with 15K RPM SAS drives.
6	Storage scalability	The array should be scalable as a modular architecture to increase the capacity upto 240 drives for future expandability.
7	Number of LUNS	The array should support minimum 1024 Luns
8	Number of Host	The array should support atleast 512 host.

9	Cache Protection	Cache should be mirrored between the controllers. Must support either Cache battery backup for a minimum of 72 hours during power failure to prevent possible data loss or cache de staging to disk.
10	No single point of failure Architecture	Storage Array should be configured in a No-Single-Point-of-Failure Architecture.
11	OS Support	Industry leading Operating System platforms including: Windows Server® 2003, Windows Server® 2008, Sun Solaris®, HP-UX®, IBM-AIX®, Linux® 2.6 and above, RHEL-5®, VMware®, Hyper-V®.
12	Global Hot Sparing	System should have capability to designate global hot spares that can automatically be used to replace a failed drive anywhere in the system.
13	RAID level support	Storage system to support HARDWARE based RAID only. Must support various Hardware RAID levels such as 0, 10, 5 6, RAID 50. Different type of RAID levels should co-exist within the same array group simultaneously to match different protection requirements of data.
14	Online RAID Group expansion	Must support online expansion of RAID Group. Must be able to add additional disks on the fly to expand the RAID group capacity.
15	Array Management	<p>Entire system must be manageable from a web-based single, secure interface without requirements for a separate management device or server.</p> <p>Entry-level system must have same management platform as the manufacturer's largest system in order to allow system expansion without learning curves in the future.</p> <p>Management system must include comprehensive online and remote monitoring abilities without third party hardware or software.</p> <p>At-a-glance, comparable views of current aggregate capacity statistics and overall storage resource objects for all SANs of same series from the vendor</p>
16	Controller software and Non-Disruptive Upgrade	Firmware should be upgradeable for functionality improvement and enhancements. Must support non-disruptive upgrade of core software, BIOS, snapshot, clone, remote mirroring and management software without shutting down the storage system. All host-attached servers must remain fully operational during system level or maintenance upgrade procedures.
18	Support	Minimum 3 (Three) Years On-site comprehensive warranty. Vendor must offer 24x4x365 Hardware and Software support

ANNEXURE-VI-B

Sl. No	24 Port Gigabit Managed Stackable Ethernet Switch
Architecture	
1	24 x 10/100/1000BaseT ports with 4 x 1000 Base-SX SFP ports. 1 x 1000 Base-LX to be supplied with LC type connector
2	Should support 1000 Base-SX, LX, BX, LH and 100Base-FX Mini-GBICs
	10 Gigabit Ethernet uplink
3	The Switch should be 19" Rack-Mountable
4	Min. 136 Gbps switching Fabric capacity and 95 mpps forwarding rate
5	MAC Address table size of 8,000 entries
	Resilient stacking up to 12 systems (with optional module); Auto-negotiation for speed, duplex mode and flow control; Auto MDI/MDIX; Port mirroring; Flow-based port mirroring;
6	All the switch ports should offer non-blocking, wire speed performance and Should have support for Ipv6 from day 1
7	Should support stacking of switches
Resiliency and high availability	
	Should have internal/external redundant power supplies
7	Should support IEEE 802.3ad Link Aggregation Control Protocol (LACP) with up to 8 links (ports) per trunk
8	Spanning Tree (IEEE 802.1D) and Rapid Spanning Tree (IEEE 802.1w) with Fast Link Support; Multiple spanning trees (IEEE 802.1s);
Layer 3 Routing Protocol	
10	Routing Information Protocol (RIP) v1/v2
11	Open Shortest Path First (OSPF) v1/v2/v3
12	Classless Inter-Domain Routing (CIDR); Internet Control Message Protocol (ICMP); ICMP Router Discover Protocol (IRDP); Virtual Redundant Routing Protocol (VRRP); Address Resolution Protocol (ARP); Internet Group Management Protocol (IGMP) v2; Distance-Vector Multicast Routing Protocol (DVMRP)
VLAN	
13	VLAN support for tagging and port-based as per IEEE 802.1Q;
14	Double VLAN tagging (QinQ);
15	Up to 1024 VLANs supported; Dynamic VLAN with GVRP support
Layer 2 multicast	
16	IGMP v1/v2/v3; Static IP Multicast;
17	Dynamic Multicast Support – 256 Multicast groups supported in IGMP Snooping; IGMP snooping for IP multicast support; IGMP Querier;
18	Protocol Independent Multicast (PIM-DM, PIM-SM)
Security Features	
19	Should support Port security, MAC Lockdown and MAC lockout
20	Should support Web-based authentication to authenticate clients
21	Should support MAC-based authentication
22	Should support management access (CLI, Web, MIB) securely encrypted

Convergence and QoS	
23	Should support IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
24	Should support IEEE 802.1p Traffic prioritization delivering data to devices based on the priority and type of traffic
Management Features	
25	Should support SNMPv1/v2c/v3
26	Should support four RMON providing advanced monitoring and reporting capabilities for statistics, history, alarms, and events
27	Should support Full-featured command-line interface (CLI) and Web Interface for switch configuration
28	Dual firmware images on-board; Multiple configuration file upload/download supported;
29	BootP/DHCP IP address management supported; Syslog remote logging capabilities;
30	iSCSI Auto Configuration

ANNEXURE-VI-C

Sl. No	26 Port Gigabit Managed Switch
Architecture	
1.	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only 4 fixed Gigabit Ethernet SFP ports 1 dual-personality (RJ-45 or USB micro-B) serial console port Supports a maximum of 28 Gigabit Ethernet ports
2.	19-inch standard rack mounting width 1U height
3.	Processor-800 MHz, 128 MB flash, 256 MB DDR3 DIMM; packet buffer size: 1.5 MB dynamically allocated
4.	16000 entries
5.	All the switch ports should offer non-blocking, wire speed performance
6.	Should support stacking of switches
7.	Management- Web-Based GUI
8.	life limited hardware warranty
9.	Certification -FCC Class A; CE Class A; VCCI Class A
10.	Standards- 802.3i 10BASE-T Ethernet , 802.3u 100BASE-TX Fast Ethernet , 802.3ab 1000BASE-T Gigabit Ethernet
11.	VLAN support
12.	Link aggregation using IEEE 802.3ad LACP

ANNEXURE-VI-D

Sl. No	16 Port Gigabit Managed Switch
Architecture	
1.	Should have 16 RJ-45 auto-negotiating 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) 4 SFP 1000 Mbps ports 1 RJ-45 console port to access limited CLI port Supports a maximum of 16 autosensing 10/100/1000 ports plus 4 1000BASE-X SFP ports
2.	19-inch standard rack mounting width 1U height
3.	Processor 333 MHz, 128 MB flash, 128 MB RAM; packet buffer size: 512 KB
4.	MAC address table size - 8192 entries
5.	All the switch ports should offer non-blocking, wire speed performance
6.	Should support stacking of switches
7.	Management- Web-Based GUI
8.	5-year limited hardware warranty
9.	Certification -FCC Class A; CE Class A; VCCI Class A
10.	Standards- 802.3i 10BASE-T Ethernet , 802.3u 100BASE-TX Fast Ethernet , 802.3ab 1000BASE-T Gigabit Ethernet
11.	VLAN support
12.	Link aggregation using IEEE 802.3ad LACP

ANNEXURE-VI-E

THIN CLIENTS

Host-optimized video acceleration	Video content played through standalone media players or embedded into web pages may be transcoded, streamed, locally decoded, and scaled up to 1920x1080 resolution at full frame rates.
High-availability login	Administrator may define a failover group list of hosts to which devices may automatically connect
Express deployment tools	Administrators may define a device template with all settings and configurations so that it may be cloned and pushed to new devices
US B Support & Microphone	Keyboard, Mouse and USB 2.0 peripheral support. Microphone
VM Ware and Citrix support	Leverage VMware to deploy multiple instances of vSpace, multiplying the number of users per server, or integrate the Citrix Receiver to deploy XenApp-based applications
Zero management	Easy to configure and automatically receives updates from deployed vSpace servers
Transparent USB re direct ion	Including 2 USB 2.0 ports that transparently redirect bulk, HID, mass-storage class, and printer devices back to the server where the native driver is installed
Zero-footprint installation	convenient VESA mounting option for LCD displays
Power supply	12VDC power supply included (110/220 auto-switching)
Weight	154 g / 0.34 lbs. Shipping weight (includes power adapter, packaging, documentation, etc.): 0.77 kg / 1.7 lbs
Power supply	12VDC power supply included (110/220 auto-switching)
LED indicators	Power, network link, and network activity
Display resolutions	Normal display resolutions (16 or 24 bit color) @60Hz 640x480, 800x600, 1024x768, 1280x1024, and 1600x1200
Monitor power - save mode	Supports power-saving mode with VESA-compliant monitors
Networking	10/100 Mbps Switched Ethernet
Audio	12 bit stereo audio input / output via 3.5mm stereo jacks
Internal hardware	All solid-state design. No moving parts, no fans, no local user storage. NComputing Numo System-on-Chip with embedded NComputing operating firmware (no local user OS)
Multimedia support	Hardware-accelerated 2D graphics, hardware-accelerated video support for most media formats on stand-alone media player applications and browser-based video
Data security	No local data storage on device. USB data access controlled by user or device policy
Reliability (MTBF)	>100,000 hours (calculated using Bellcore Issue 6 TR-332, Case 2, Part I at 40° C)
Certifications	FCC Class B, CE, KCC, RoHS

Environmental	<ul style="list-style-type: none">• 0 to 40 degrees Celsius• 10 to 85% relative humidity (non-condensing)• No moving parts permits use in high dust/particulate/vibration environments
Max. No.s of users per OS	NComputing vSpace Server permits up to 100 users per shared OS
Supported operating systems	Microsoft Windows and Linux
Display Unit	18.5 inch or higher LED
Keyboard & Mouse	Keyboard & Optical Mouse (USB)
Warranty	3 years

ANNEXURE-VII**Terms & Conditions:**

1. The tender should be submitted in two bid system (technical bid and financial bid). The technical bid should contain the following:
 - OEM authorizations (Authorizations should be submitted specific to this particular tender)
 - Earnest Money Deposit of 2% of the tender value in the shape of DD/Banker Cheque /Bank Guarantee in favour of Superintendent Odisha State Archives, Payable at Bhubaneswar)
 - All technical literatures, brochures etc.
 - Technical compliance statement.
 - All other documents like Certificate of Incorporation, VAT and PAN etc.
2. The OEMs should authorize only one vendor for their respective items in this tender. In case authorization is not submitted along with the tender, the bid will not be considered for further evaluation.
3. Vender must be executed same line of items with in last three years.
4. The prices should be firm and valid for at least 60 days from the date of submission of tender.
5. The prices quoted should be FOR destinations.
6. The prices should be in Indian rupees and of inclusive of all taxes and duties.
7. The Successful tenderer will supply and install the materials within 45 days from the date of issue of work order.
8. Vendor should mentioned specifically name of the items on the top of the envelop of the Financial Bid for the items supply for 1. SAN Storage System 2. Networking equipments & Materials and 3.Thin clients separately.