



SHRI SAIBABA SANSTHAN TRUST SHIRDI

Information Technology Department

Tender document for

Purchase of Servers, Computers, Laptop and Software

**INFORMATION TECHNOLOGY DEPARTMENT
Shirdi Tal Rahata Dist. Ahmednagar.
Phone No. (02423)-258953
Website: - www.sai.org.in email- it@sai.org.in**



DETAILED TENDER NOTICE

SHRI SAIBABA SANSTHAN TRUST INFORMATION TECHNOLOGY DEPARTMENT

Shirdi, Tal. Rahata, Dist. Ahmednagar.

Phone No. (02423)-258953

Website: - www.sai.org.in email- it@sai.org.in

Purchase of Servers, Computers, Laptop and Software

Online tenders are invited for the purchase of Servers, Computers, Laptop and Software from authorized dealers. The tender details will be available on <https://mahatenders.gov.in> for downloading & the tender has view only access on the website of Trust www.sai.org.in under tender menu

Technical Specifications are given in Annexure B.

1.0 Time Table for online tender submission

Online Tender Publish Date	Dt. 24/07/2018	Time- 10.00 am
Online Documents Download/Sales Start	Dt. 24/07/2018	Time- 10.00 am
Online Documents Download/Sales End	Dt. 09/08/2018	Time- 17.00 Pm
Online Bid Submission Start Date	Dt. 24/07/2018	Time- 10.00 am
Online Bid Submission End Date	Dt. 16/08/2018	Time- 17.00 pm
Online Technical Bid Opening Date	Dt. 20/08/2018	Time- 11.00 am

Pre bid Meeting.

No pre bid meeting will be held. For any of the queries, interested bidder would call 02423-258953 or mail the queries to it@sai.org.in

Validity Period:

The offer of the bidder shall remain valid for acceptance for a minimum period of **90 days** from the date of opening of Commercial Bid.

2.0 Earnest Money Deposit and Tender Cost:

- Earnest Money Deposit(EMD) of Rs: 1,50,000 (Rs. One Lakh Fifty Thousand Only)
- Tender Fees Rs: 15,000 (Rs:- Fifteen Thousands Only)

Amount of EMD & Tender Fees must be transferred online to Sansthan Bank Account. While uploading the e-tender from www.mahatenders.gov.in.

Note:

- The amount of EMD to all bidders will be refunded back after issuing order to L1 bidder.
- Even though the tenderers meet the requirements, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements.

3.0 TENDERING PROCEDURE.

Qualification Criteria.

- 1) Bidder should be the authorized dealer of the original equipment manufacturer of Servers, Computer, Laptops.
- 2) The original Computer Manufacturer whose company are being bidding in this tender should have authorized service center in Maharashtra.
- 3) The bidder should not be blacklisted by central/ State Government or government corporation, statutory Institute.
- 4) Average annual turnover of bidder for last three financial years should be One crore (2014-15, 2015-16, 2016-17). CA certificate is must.

3.1 Technical Bid

Technical BID must be submitted online only.
Scanned copy of following documents must be uploaded as Technical-bid.
(Note: Only 6 documents are allowed to upload, so scan the documents as mentioned in list, scan document in minimum DPI, file size must be in KB)

1. Certificate of firm registration, GST Registration and PAN.
2. CA certificate mentioning Average Annual Turnover for last three financial years (FY - 2014-15, 2015-16, 2016-17).
3. Authorized dealer Documents/Letter from Company.
4. Letter stating that Firm/Company is not blacklisted by Central/ State Government or government corporation, statutory Institute.
5. Server, Computer, Laptop, White papers/ Pamphlets/ Boucher for which you have quoted (Model number and specification).

3.2 Commercial Bid

Price of all items should be Inclusive of Tax.

The tenderer should quote online in BOQ provided.

3.3 Acceptance of Tender:

1. The commercial bid of technically qualified bidders, shall only be opened online and lowest offer of the technically qualified bidder shall be accepted. The acceptance of tender will be communicated to the contractor by email or otherwise.
2. The quoted amount in online tender shall be valid for 90 (Ninety) days from the date of opening of the tenders.

3.5 Warranty Period.

1. The successful bidder should provide 24X7 supports within warranty period.
2. Successful bidder should help our representative to log the call for any of the Server, Computer, Laptop.
3. Warranty period for each item is mention in annexure bidder/tenderer must give Onsite Comprehensive Maintenance Warranty.
4. Within Warranty period if any Server, Computer, Laptop goes down it should be made operational within 24 hours (For Server it will be 6 Hours). Failing to such case, replacement should be given till it is repaired. In case of software it should be replaced.

4. Payments and Penalty and Security Deposit:

- 1) 95% of payment after supply and Installation of all ordered material.
- 2) 5% amount will be kept as Security Deposit with trust for 1 year.
- 3) If Bidder/Supplier fails to repair the Server, Computer, Laptop within stipulated period, Rs. 500/day will be deducted from Security Deposit.

5. Terms and Conditions.

1. Software media must be provided. Software registration should be done in the name of 'Chief Executive Officer, Shri Saibaba Sansthan Trust, Shirdi'.
2. The decision of Chief executive officer, Shri Saibaba Sansthan Trust, Shirdi. shall be final and binding in case of any dispute between Trust and the agency.
3. The bidder should study all the tender documents carefully and understand the tender contract conditions and specifications etc. before quoting online. If there are any doubts, they should get clarifications in writing but this shall not be a justification for submission of late tender or extension of submission date.
4. Each of the tender documents uploaded in technical bid is required to be signed by the person/ persons submitting the tender.

6. Delivery Schedule

1. Successful bidder should supply the material within two weeks for computers, Laptops and three weeks for Servers after receiving the confirm order.
2. Installation of Servers, Desktop, Laptop must be completed within 7 days of delivering material.
3. Delivery of material to be done at IT Department, Shri Saibaba Sansthan Trust, Shirdi on working day between 10 am to 6 pm.
4. Transport, freight and other charges will be responsibility of supplier.

5. If ordered material is not supplied within given time Rs 1000/day will be deducted from the EMD for first week. Onward it will be Rs 2000/day
6. If successful bidder refuses to deliver the allotted items or fails to deliver the material his EMD will be forfeited.
7. No interest will be paid EMD/security deposit.

(Smt Rubal Agarwal I.A.S.)
Chief Executive Officer
Shri Saibaba Sansthan Trust Shirdi

SHRI SAIBABA SANSTHAN TRUST SHIRDI

Personal & Bank Details for RTGS
 All columns are mandatory
 (Submit on Company Letter Head)

Sr No	Personal Detail	
1	Name of the Firm	
2	Address	
4	Contact Person and Cell No	
5	GST umber	
6	Bank Details – Name of the Bank	
	Bank City	
	Branch Name and Code	
	Account Type	
	Account Number	
	IFSC CODE	
	MICR NO.	
7	Stamp and Signature of the agency	

A] Blade Server Qty. 08

Processor Technology	2*Intel®Xeon-Gold6134(3.2GHz/16-core/150W)
Chipset Technology	Intel C621 Series Chipset
Memory	2 socket 16cores in each CPU – total of 32cores with 24DIMM slots. DDR4 16nos of 32GB DIMMS occupancy 16 slots i.e. 16x32=512GB memory, scalable up to 768GB using DDR4 Registered DIMM (RDIMM) operating at 2666 MHz (depending on processor model). Should be capable of identifying and reporting whether genuine OEM memory is installed for system reliability.
Network controller	Dual Port 20GbE or Quad port 10GbE Converged Network Adaptor which supports partitioning up to 3* Ethernet and 1* FC/iSCSI HBA ports per 20Gbps/10Gbps port or its equivalent.
Expansion Slots	Minimum of 3 Nos of x8 or higher PCIe 3.0 based mezzanine slots supporting Converged Ethernet, Ethernet, FC adapters and SAS/IB adapters
RAID Controller	12Gb/s SAS Raid Controller with RAID 0/1/1+0
Storage Bays	Min. 2 hot plug SFF SAS/SSD/SATA/NVMe drives. The drive should have intuitive icon based display along with "DO NOT REMOVE" caution indicator that gets activated automatically in order to avoid data loss/downtime due to wrong drive removal or equivalent feature
Hard Disk Drive	2*600GB 12G 10K RPM SAS HDDs
Clustering	Should support clustering at OS level
Industry standard compliance	Microsoft® Logo certifications WOL enabled on some adaptors PXE support enabled USB 3.0 Compliant TPM 2.0 Support(RBSU support for TPM 1.2) IEEE (specific IEEE standards depending on Ethernet adapter card(s) installed) Advanced Encryption Standard (AES) Triple Data Encryption Standard (3DES) SNMP SSL 2.0 DMTF Systems Management Architecture for Server Hardware Command Line Protocol (SMASH CLP) Active Directory v1.0 PCIe 3.0 Compliant UEFI (Unified Extensible Firmware Interface Forum) Redfish API
Form Factor	Blade
Operating System support	Microsoft Windows Server Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) VMware
Failure Alerting Mechanism	The Server should be able to alert impending failures on maximum numbers of components. The component covered under alerting mechanism should at least include processors, memory and Hard disk drives.
Server and Remote Management	Software should support dashboard view to quickly scan the managed resources to assess the overall health of the data center. It should provide an at-a-glance visual health summary of the resources user is authorized to view.
	The Dashboard minimum should display a health summary of the following: <ul style="list-style-type: none"> • Server Profiles • Server Hardware • Appliance alerts
	The Systems Management software should provide Role-based access control
	Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM

	Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.
	Should provide an online portal that can be accessible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contracts and status. The Portal should also provide a Personalised dashboard to monitor device health, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be available on premise (at our location - console based) or off premise (in the cloud).
	Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.
	The Server Management Software should be of the same brand as of the server supplier.
Accessories	All accessories to connect to network and storage should be provided
Warranty & Maintenance	5 Year 24*7 Support with 4Hr Response

B] Blade Enclosure – Qty. 01.

Solution requirement	Proposed solution should support provisioning virtual, physical and container infrastructure from pools of compute, storage and networking resources
	Solution should have single console provisioning for compute, storage and server side network configuration with choice of direct attach storage (DAS), iSCSI and FC SAN should be available
	Solution should support API to integrate into popular management tools such as Microsoft Systems enter and VMWare vCenter and into open source automation and DevOps tools such as Chef, Docker and OpenStack.
	Solution should support software defined templates to quickly make changes to the infrastructure. Template should include server BIOS, firmware, boot order, RAID, storage configs and network config of the infrastructure required for workload
	Solution should support scripting to reassign compute resources to different workloads to effectively utilize the infrastructure (re provision compute resources from one workload to another) or this feature should be made possible through virtualization
	OEM of the proposed solution should be listed in Leaders Quadrant of Gartner's latest report for modular servers and integrated systems
Blade Chassis	Solution to house the required number of blade servers in smallest number of enclosures. Should support full height and half height blades in the same enclosure, occupying a max of 10U rack height Should support minimum 16 half height servers or 8 full height servers
	Should support six interconnect bays to configure 4 + 4 redundancy
	Enclosure should support Intel Xeon processors based 2 CPU and 4 CPU blades and storage Blades
	Enclosure should support at least 56 small form factor drives within enclosure along with a compute module to configure as DAS or software defined storage.
	Should support built-in management software appliance in redundancy with separate management network from production network
	Should support technology built-in to every chassis for Auto-Discovery of resources
	Chassis should provide display port and USB port to connect Laptop/Monitor locally

	Should support linking multiple enclosures together to form single management ring to reduce complexity and provide single console of management for connected enclosures
Interconnects support	Should support housing of FCoE, Ethernet, FC and SAS/IB interconnect fabrics offering redundancy as a feature. Also should support network switch with minimum of 20Gb downlinks and minimum of 40G uplink to DC switch
Converged interconnect	Interconnect should support 20Gbps downlinks to the Blades in redundancy.
	Each FlexHBA should support to transport either Fiber Channel over Ethernet/CEE or Accelerated iSCSI protocol or equivalent
	Should be configured in redundancy with at least 4* 10G SFP+ for external Ethernet uplinks and 2*8Gbps FC uplinks
	Should support aggregation of multiple enclosures to consolidate data center network connections, reduce hardware and to scale network bandwidth across multiple enclosures. Layer 2 network traffic should be switched within enclosure aggregation
	Should support Multi-module link aggregation (MLAG) for resiliency against interconnect failure
Power Supply	The enclosure should be populated fully with power supplies of the highest capacity available with the vendor. Power supplies should support N+N as well as N+1 redundancy configuration, where N is greater than 1. Should offer a single phase power subsystem enabled with technologies for lower power consumption and offering Platinum energy efficiency. Vendors should provide documents certifying the claims.
Cooling	Each blade enclosure should have a cooling subsystem consisting of redundant hot pluggable fans or blowers enabled with technologies for improved power consumption and acoustics
System Software	Management/controlling software's have to be from the OEM.
Chassis management capabilities	Solution should support redundant physical management appliances within an enclosure or on multiple connected enclosures with failover and high-availability
	Should support auto-discovery of Compute, Memory, Storage and Fabrics within an enclosure or on multiple connected enclosures.
	Should support activity, Health and Power LEDs for immediate status
	Should support software-defined intelligence for configuring profiles to provision compute, storage, fabrics and images
	Should support Firmware and OS Driver updates for the servers using profile templates to monitor, flag, and remediate
	Should offer collaborative user interface which support logical resources to physical resources mapping, Activity Log, HTML5 mobile access, and Customizable Dashboard
	Should provide a dedicated 1GbE or higher management network for multi-enclosure communications, separate from data plane
	Should support frictionless Firmware and OS Driver updates using profile templates to 'monitor, flag, and remediate

	Should support reporting capabilities for 1) asset and inventory information for the devices in the enclosures 2) thermal and power information, including real-time actual power usage per server and per enclosure Reports should be exportable to csv or Microsoft Excel format
Integration with virtualization and open source software	Should support integration with popular virtualization offerings VMware vCenter and Microsoft system centre
	Should support integration with open source automation and DevOps tools such as Chef, Docker, and OpenStack
Warranty	5 Year 24*7 Support with 4Hr Response

C] Software

Item	Description of Requirement	Qty
VMWare Licenses	VMWare EntPlus Licenses with 5 yrs Support - 8 No's with 5 years support	8
VMWare Venter	VMWare Venter server to manage all the virtual machines - 1 no with 5 years support	1
Windows Servers Licenses	MS Windows Server 2016 Operating System - 10 No's with total of 10 RDP CAL's with 5 years support	10
Redhat Linux	Red Hat Enterprise Linux with version 7 and above - 2 No's with 5 years support	2
MS SQL Server 2017	2 license (1 license = 2 cores)	2
Visual Studio Pro. With MSDN	Visual Studio Professional with MSDN. Allowing to download earlier versions, supporting software.	3

D] SAN storage

Item	Description of Requirement
Make & Model	Please Specify
New storage Processor and extra disk shelf	New SAN process with both FCoE and iSCSI connectivity which will support 1 Gbps Ethernet Network as well as 10 Gbps Ethernet Network and FCoE with extra shelf for adding disks. New Fast Class and SAS disks each of minimum 1.8TB (24 each) Note: 24 number of SAS disks and 24 number Fast Class disks
SAN Switch (for connectivity to SAN storage) - 2 Nos.	SAN storage should be able to connect through Ethernet 1GBPS, 10GBPS, and fiber.

E] Desktop, Laptop and Mac Book pro

Sr.No.	Specification of Material	Qty.
01	<p>Desktop Commercial Series Brand HP/Lenovo/Dell</p> <p>Processor: Intel core i5-7500 Processor or higher (3.4 GHz/ 6 MB Cache/ QC/4T) or higher</p> <p>Chipset:-Intel B250/Q250/Q270 or higher</p> <p>Memory: - 8 GB (1x8GB) 2400MHz DDR4 Memory, (upgradeable up to 32 GB DDR4 2400 MHz) with minimum 2 DIMM slots.</p> <p>Graphics:-Integrated HD Graphics</p> <p>HDD-Min: - 1 TB SATA 7200 RPM SMART IV or equivalent.</p> <p>Optical Drive: -Min. 8X DVD +/- RW with dual layer write capabilities.</p> <p>Bluetooth: -integrated wireless with BT</p> <p>Monitor: -18.5 TN LED Full HD with resolution of 1600x900 or higher,</p> <p>Keyboard: -104 Keys or higher wired Keyboard and OEM Optical Scroll Mouse</p> <p>Ports: -Min. 4 USB 3.0 & 2 USB 2.0 or higher, VGA/HDMI Display port,</p> <p>Camera:-Inbuilt HD Camera and Speaker</p> <p>Ethernet:-Integrated Gigabit Ethernet LAN 10/100/1000 (RJ45)</p> <p>Power Supply: -External adaptor based PSU.</p> <p>Operating System: -Windows 10 Pro 64 bit,</p> <p>3 Years onsite next business day warranty</p>	15
02	<p>Commercial Series Laptop Brand HP/Lenovo/Dell</p> <p>Processor: Intel® Core™ i7- 7200 or higher (3.0 GHz, 6 MB cache, 4 cores or higher)</p> <p>Chipset: Integrated with processor</p> <p>Wireless: Up to Dual Band Integrated wireless with Bluetooth 4.2</p> <p>Memory: 8 GB DDR4 2400Mhz</p> <p>Hard Disk Drive: 1 TB 7200 rpm</p> <p>Graphics: Integrated HD Graphics 630</p> <p>Display: 15.6" diagonal LED-backlit HD Antiglare</p> <p>Optical Drive: Integrated DVDRW DL</p> <p>Webcam: HD webcam</p> <p>Keyboard Full size textured island-style keyboard with numeric keypad</p> <p>Ethernet Interface: Integrated Ethernet 10/100 NIC</p> <p>Ports: VGA - One (1), HDMI- One (1), Headphone / microphone Combo: One (1), Power connector -One (1), RJ-45/Ethernet -One (1), Minimum 3 USB Ports (2 x USB 2.0 and 1 x USB 3.0) and SD Media Card Reader Slot Supporting SD, SDHC, SDXC</p> <p>Weight: Starting at 1.96kg,</p> <p>Speaker / Microphones: HD Audio with DTS Studio sound, Integrated stereo speakers; Integrated microphone</p> <p>Battery: With minimum 5 Hours of back-up time</p> <p>Operating System: Windows 10 Pro 64</p> <p>Warranty: 3 Year onsite warranty</p> <p>AC Adapter: Standard Indian Adaptor</p> <p>Laptop Bag for 15.6" size</p>	10
03	<p>Apple Mac Bookpro</p> <p>15" Touch Bar quad-core</p> <p>i7 2.9GHz / 512 GB SSD Storage / 16 GB Ram / 4GB Graphics Radeon Pro 560 Space/ Grey / Silver</p>	03

Note:- Fill up the Computers Laptop Rates in BOQ provided online of Website <https://mahatenders.gov.in>

Note :- Technical and Commercial Bid to be submitted online only. No physical Bid will be accepted.

Compliance Sheet

Srno.	Tender Requirement.	Document uploaded in Online Bid.
1	PAN, Certificate of registration for GST, Company /Firm Registration	
2	Average turnover of bidder must be over 1 crore per annum in last three years (2014-2015, 2015-16 and 2016-17). CA certificate is must.	
4	Letter stating that Firm/Company is not blacklisted by central/ State Government or government corporation, statutory Institute. (On letter head of Firm)	
5	Bidder should be the authorized dealer of the original equipment manufacturer of computer. (Authorization letter from company)	
6	Server, Computer, Laptop, White papers/ Pamphlets/ Boucher for which you have quoted (Model number and specification)	
7	The original Computer Manufacturer whose company are being bidding in this tender should have authorized service center in Maharashtra	

Approved

(Smt. Rubal Agarwal, I.A.S.)
Chief Executive Officer
Shri Saibaba Sansthan Trust, Shirdi