

**OFFICE OF THE PRINCIPAL
HANDIQUE GIRLS' COLLEGE
GUWAHATI-781001**

NOTICE INVITING QUOTATION

Ref No: HGC/ESTT/QUO/2016/126/65

Date: 21/05/2019

Sealed quotation affixing non-refundable court fee of `8.25 form the authorised dealer/supplier to supply and installation of the following Server to the College Office. The quotations must be reached to the Office of the undersigned on or before 10/06/2019 up to 14.00 hrs. and will be open on the same day at 15.30 hrs.

Sl. No	Name of Item	Quantity
1	SERVER	1 Nos.
2	Windows Server 2019 SNGL Academic	1 Nos.
3	SQL Server Std. 2017 SNGL OPL NL Academic	1 Nos.

The supply and installation work have to be completed within 30 days from the date of issue of formal order.

SPECIFICATIONS:

Item	Description of Requirement
Chassis	4U Tower Server
CPU	1 x Intel Xeon - Silver (8 core / 1.8 GHz)
CPU L3 CACHE Memory	8.25 MB L3 cache to 38.5 MB L3 cache depending upon processor model chosen
Motherboard	Intel® C621 Series Chipset
Memory	6 DIMM slots. 16GB DIMMS scalable up to 192 GB
Memory Protection	Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance
HDD Bays	Up to 4 LFF HDD
Hard disk drive	2 X 2TB SATA 7.2 K SFF SC DS HDD
Bus Slots	Four PCI-Express 3.0 slots, at least two x16 PCIe slots
Power Supply	550W Power Supply
Fans	Redundant hot-plug system fans

Operating Systems and Virtualization Software Support	<p>Microsoft Windows Server</p> <p>Red Hat Enterprise Linux (RHEL)</p> <p>SUSE Linux Enterprise Server (SLES)</p> <p>VMware</p> <p>ClearOS</p>
System tuning for performance	<ol style="list-style-type: none"> 1. System should support feature for improved workload throughput for applications sensitive to frequency fluctuations. This feature should allow processor operations in turbo mode without the frequency fluctuations associated with running in turbo mode 2. System should support workload Profiles for simple performance optimization
Secure encryption	<p>System should support Encryption of the data (Data at rest) on both the internal storage and cache module of the array controllers using encryption keys. Should support local key management for single server and remote key management for central management for enterprise-wide data encryption deployment.</p>
Provisioning	<ol style="list-style-type: none"> 1. Should support tool to provision server using RESTful API to discover and deploy servers at scale 2. Provision one to many servers using own scripts to discover and deploy with Scripting Tool (STK) for Windows and Linux or Scripting Tools for Windows PowerShell
Firmware security	<ol style="list-style-type: none"> 1. For firmware security, system should support remote management chip creating a fingerprint in the silicon, preventing servers from booting up unless the firmware matches the fingerprint. This feature should be immutable 2. Should maintain repository for firmware and drivers' recipes to aid rollback or patching of compromised firmware. Should also store Factory Recovery recipe preloaded to rollback to factory tested secured firmware
Server Management	<p>Software should support dashboard view to quickly scan the managed resources to assess the overall health of the data centre. It should provide an at-a-glance visual health summary of the resource's user is authorized to view.</p>
	<p>The Dashboard minimum should display a health summary of the following:</p> <ul style="list-style-type: none"> • Server Profiles • Server Hardware • Appliance alerts
	<p>The Systems Management software should provide Role-based access control</p>
	<p>Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM</p>
	<p>Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.</p>
	<p>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).</p>

	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.
Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response.

DOCUMENTS TO BE SUBMITTED WITH ALONG WITH THE QUOTATION

1. Firm Registration Certificate.
2. PAN Card showing name of the Firm.
3. Manufacture Authorisation Certificate.
4. GSTIN Registration Certificate.
5. Previous Order Copies.

The College authority reserved the right to accept, cancelled, any or whole quotation(s) without any reason thereto.

Sd/-Principal
Handique Girls' College
Guwahati

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Copy to :

1. The HOD, Computer Science, Handique Girls' College, you are requested to be present at the time of opening of the bid.
2. The College website.
3. The College Notice Board.

Sd/-
Principal
Handique Girls' College
Guwahati