

Government of Assam,
Election Department, Dispur,
Assam Civil Secretariat, Block-C, 4th Floor.

No.169/2013/122

Dated 25th November, 2014

TENDER NOTICE

Sealed tenders are invited under two bid system viz. Technical Bid and Price Bid from the Manufacturers / authorized distributors/ dealers of computer hardware for supply of the following items :-

Sl. No.	Name of the items	Quantity
1	Supply and installation of Blade Server	5 Nos
2	Supply and installation of Storage 20TB (Seagate external hard disc)	1 Nos
3	Server Rack (42U)	1 Nos.

(Detailed configurations of above items are enclosed with the tender document as Annexure-II).

1. Bidder have to deposit the Earnest Money Deposit (EMD) @ 2% of the bid value in the form of Demand Draft/Banker's Cheque drawn in favour of "**Chief Electoral Officer, Assam**" payable at Guwahati.
2. Tender, complete in all respects, placed inside a sealed envelope addressed to the 'Chief Electoral Officer & Commissioner & Secretary, Election Department, Assam, Dispur, Assam Secretariate, Block-C 4th Floor should be dropped in the **Tender Box** placed in the **Election Department, Govt. of Assam, Assam Secretariat, Block-C, 4th Floor on or before 17th December, 2014 upto 16.00 hrs.**
3. The Technical bid will be opened on **18th December, 2014, at 12.00 hrs** and evaluated first. At the second stage, Financial Bids of only technically qualified bidders will be opened on **19th December at 12.00 hrs** for price bid evaluation. The price bids of only those tenderers will be opened who are found technically qualified.
4. Minimum Eligibility Criteria of the Bidders are as under:-
 - (i) Bidders should be India Based.
 - (ii) Bidders, if not Original Equipment Manufacturer (OEM), should have authorization from the OEMs.
 - (iii) Bidders should have experiences of supplying the items (under consideration of procurement) to the Departments/Ministries of the Government of India or to any

State Govt. or Public Sector Undertakings. Copies of the Purchase Orders received from Govt. Departments/PSUs during the last three years should be enclosed. The total value of purchase orders should not be less than Rs. 5 crores.

- (iv) Bidders should have minimum average turnover of Rs. 2 crore per year during any three of the past 4 financial years i.e. 2013 – 2014, 2012- 2013, 2011- 2012, 2010- 2011. Copy of audited account statement of Balance Sheets and Profit & Loss account of the relevant three financial years should be enclosed.
- (v) Bidders should not have been blacklisted by any Departments/Ministries of the Govt. of India or of any State Government or PSUs. An affidavit has to be submitted to this effect with the Tender Document.
5. The Tender document is consisting of terms and conditions of the tender, Technical Bid, Financial bid (Price schedule). Bidders are requested to go through the terms and conditions contained in the tender document. The tender document may be downloaded from website : <http://ceoassam.nic.in> or can be obtained from the Deputy Secretary, Govt. of Assam, Election Department & Joint Chief Electoral Officer, Assam, Election Department C- Block, 4th Floor, Assam Secretariat, Dispur-781006. There is no fee for Tender Document.
6. The Election Department, Assam reserves the right to amend or withdraw any of the terms and conditions contained in the tender document or to reject any or all the tenders in whole or in part without assigning any reason. Further Addendum/Corrigendum to the tender notice, if any, will be uploaded onto website of this department i.e. ceoassam.nic.in. The decision of Election Department, Assam in this regard, shall be final and binding on all.

Note:

- (i) Last date of Tender submission : 17th December, 2014 by 16.00 hours.
(ii) Opening of Technical Bid : 18th December, 2014 by 12.00 hours.
(iii) Opening of Financial Bid : 19th December, 2014 by 12.00 hours



Joint Chief Electoral Officer &
Deputy Secretary, Govt. of Assam
Election Department, Dispur.

Government of Assam,
Election Department, Dispur,
Assam Civil Secretariat, Block-C, 4th Floor.

Tender Document

The Election Department, Assam intends to procure the computer hard ware item as mentioned in the tender notice. The details of Tender Enquiry are as under:

1. Minimum eligibility criteria of the Bidders

- (i) Bidders should be India Based.
- (ii) Bidders if not Original Equipment manufacturer OEM, should have authorization from the OEMs.
- (iii) Bidders should have experiences of supplying the items (under consideration of procurement) to the Departments/Ministries of the Government of India or to any State Govt. or Public Sector Undertakings. Copies of the Purchase Orders received from Govt. Departments/PSUs during the last three years should be enclosed. The total value of purchase orders should not be less than Rs. 5 crores.
- (iv) Bidders should have minimum average turnover of Rs. 2 crore per year during any three of the past 4 financial years i.e. 2013 – 2014, 2012-2013, 2011- 2012, 2010- 2011. Copy of audited account statement of Balance Sheets and Profit & Loss account of the relevant three financial years should be enclosed.
- (v) Bidders should not have been blacklisted by any Departments/Ministries of the Govt. of India or of any State Government or PSUs. An affidavit has to be submitted to this effect with the Tender Document.
- (vi) The bidder must have infrastructure support i.e. Service Centre/franchise/OEM Service Centre. The bidder must submit the details of their infrastructure with reference to locations, technical manpower availability, inventory of spare, etc. and also indicate their business model for providing warranty and after sale support.

2. Technical Bid

The Bidders are required to submit technical bid enclosing therewith photocopies of the following documents, failing which their bids will be summarily rejected and will not be considered any further:-

- (i) Registration Certificate of the firm/proprietorship, etc.
- (ii) Copy of CST/VAT/TIN/Service Tax Registration Certificates,
- (iii) Copy of PAN/GIR Card,
- (iv) Copies of Income Tax Return filed for the last three financial years,

- (v) Copies of audited A/C statement of Balance Sheets and Profit & Loss A/C for last three financial years,
- (vi) Original copy of authorization from manufacturer for supply, installation and warranty support in case the firm is not an Original Equipment Manufacturer (OEM) of the item (Annexure-V),
- (vii) Proof of supply to Government Departments/PSUs for last three years.
- (viii) Declaration regarding blacklisting or otherwise (Annexure-III).
- (ix) The above information shall be furnished by the bidder as per (Annexure-VI). The firm may be asked to furnish original documents to verify the authenticity of the documents at any point of time.
- (x) ***Valid quality assurance certificate for quoted products with validity date from a certifying institution.***
- (xi) The technical bid should give the product matching specifications given in the Annexure –II. If there is any deviation, it may be clearly indicated in the technical bid (Annexure-I). The Election Department may reject the bid, if the deviation from the technical specifications is not acceptable to it.

3. **Financial Bid**

- (i) The financial bids (Annexure-VII) of only technically qualified bidders will be opened in the presence of their representatives on a specified date and time.
- (ii) The rates/prices should be quoted in Indian Rupees only in words as well as figures. The price quoted should be inclusive of all taxes, surcharge, duties etc.
- (iii) Only one price should be quoted for each item and if more than one price is quoted under different options, the higher /highest rate quoted by him only will be valid and considered for evaluation.
- (iv) There will be no negotiation regarding the financial bid.
- (v) In case of decrease in prices, the benefit shall be passed on to the Election Department, Assam. No claim for compensation or loss due to fluctuations in currency rates or any other reasons/causes shall be entertained.

4. **Submission of Bid**

- (i) The bid shall be written in English only.
- (ii) The bid prepared by the bidder shall comprise of (a) technical bids and (b) financial bid.
- (iii) Bid may be submitted in the following manner:
 - (a) **Envelop No. 1-** Shall contain the bid EMD. On the top of envelope must be superscripted "EMD".
 - (b) **Envelop No. 2-** Shall contain all the information and documents in the same serial order as shown in the **technical bid**. On the top of envelope must be superscripted "Technical Bid".
 - (c) **Envelop No. 3-** Shall contain the rates/prices of the items duly filled

in (schedule of rates) and signed and stamped. On the top of envelope must be superscripted "Financial Bid".

(Please note that the price should not be indicated in any of the documents enclosed in envelope 1 & 2).

- (iv) All the envelopes must be superscripted "Tender for Blade Server etc." with due date and time and shall be **sealed in fourth envelope** and addressed to

**The Chief Electoral Officer, Assam, &
The Commissioner & Secretary, Govt. of Assam,
Election Department, Dispur,
Assam Civil Secretariat, Block-C- (4th Floor), Guwahati-06.**

The Tender must reach on or before 17th December, 2014 at 16.00 hrs. If the date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.

- (v) Incomplete and conditional tender will be rejected.
- (vi) Bids must be deposited/ dropped in the **Tender Box** placed in the Election Department, Assam Civil Secretariat, Dispur, Block-C (4th Floor) on or before 17th December, 2014, latest by 16.00 hrs.
- (vii) All the envelopes shall indicate the name and address of the bidder to enable the bid to be returned, if required.
- (viii) No other method/means of submission of bid except as stated above shall be acceptable.
- (ix) **All the documents submitted in the bid must be legible and self-attested. Otherwise the bid is likely to be rejected.**
5. No bid will be received / accepted after the expiry of the prescribed date and time for submission of the bids.

6. Bid Security/Earnest Money Deposit (EMD)

- (i) EMD @ 2% of the bid value in the form of Demand Draft /Banker's Cheque from any scheduled bank drawn in favour of "Chief Electoral Officer, Assam" shall be submitted in a separate envelope as stated in para 4 (iii) above. The bidder may write the tender no. name and address of the bidder on the reverse of EMD Draft/Banker's Cheque.
- (ii) Cheque/Money Order/Cash/BG shall not be accepted as EMD.
- (iii) The EMD may be forfeited, if a Bidder withdraws his bid during the period of bid validity or on submission of false documents/undertaking.
- (iv) A bid received without EMD shall be rejected as non-responsive at the bid opening stage and returned to the bidder **unopened**.

- (v) Bid will be rejected and returned to the bidder, if EMD is found to be of lesser amount or EMD is not submitted in the manner prescribed.
 - (vi) The submission of EMD is compulsory for all the bidders and no exemption will be granted for submission of EMD in any case.
 - (vii) The EMD of the unsuccessful bidder will be returned to them within 30 days after finalization and award of the tender without any interest.
7. The bid shall be typed or printed. All pages of the bid document shall be numbered consecutively and shall be signed by the bidder as proof of having read the contents therein and in acceptance thereof.

8. Opening of Bid

- (i) Envelop No. 1 containing the bid security (EMD) shall be opened by the tender committee of the Election Department **on 18th December, 2014** at 12.00 hrs. in the presence of the bidders or their representatives duly authorized by the bidder who wish to be present. The representatives are required to bring photo identity cards issued by the firm/employer and also a copy of the authorization as given in Annexure-IV. If the bid security/EMD is not found as prescribed, the bid shall be summarily rejected.
- (ii) Envelop No.2 containing the technical bid shall then be opened there after and serially numbered. The bidder's name, documents submitted/not submitted and such other details shall be announced at the time of bid opening. The Election Department shall examine/evaluate the technical bids to determine whether they fulfill the eligibility criteria and have submitted the requisite documents and terms & conditions specified in the tender documents. This shall also be see that matching specifications have been quoted by the bidder and if found in order, the financial bids of technically qualified bidders only will be opened.
- (iii) Envelop No.3 containing the sealed price bid of firm whose bid is technically found to be in order, shall be opened **on 19th December, 2014 at 12.00 hrs. (After completion of analysis of the technical bids evaluation)**. Only summary of prices quoted by the bidders will be read out.

9. Validity of Bid

Bid shall be valid for a period of 120 days from the date of opening of Technical Bid.

10. Award of Tender

The tender shall be awarded to the lowest Quoting bidder (LQ1) for supply of the required items and shall have to sign an agreement for warranty support/other related services.

11. Performance Guarantee Deposit (PGD)

The successful bidder have to deposit **Performance guarantee in the form of a Bank guarantee in the name of “Chief Electoral Officer, Assam” from a nationalized bank valid for five years** at the rate of **10%** of the total cost of the item before signing of the contract/**issue of purchase order** for supply of item. The EMD will be refunded to the firm after depositing the PGD. The PGD will remain valid for a period of 5 years beyond the date of supply and installation of the items, including warranty period. If there are any dues against the firm, the same may be deducted from the PGD. PGD can be withheld or forfeited in full or in part in case of short supply of the item, faulty, substandard supply of item, unsatisfactory service maintenance during warranty/Full Service Maintenance Agreement period. **No interest shall be payable on PGD.**

12. Warranty and maintenance

The bidder shall provide comprehensive onsite warranty of five years for Blade Server. The period of **comprehensive onsite warranty** will start from the date of installation of items but not later than 30 days from the date of supply of items in the department. The bidders shall furnish and undertaking from OEM of the concerned product that they shall supply spares for the quoted product for the five years after warranty period is over.

13. Supply, Commissioning / installation, Payment and Penalty

- (i) The items shall have to be delivered ‘**Network Operating Centre (NOC) of NIC, Assam Unit at Assam Civil Secretariat, Dispur, Block-A (1st Floor)**. No octroi, freight, insurance, etc. shall be paid by the Election Department, Assam.
- (ii) If the firm/supplier fails to deliver and install the item without any valid reason, within the period prescribed for delivery, the Election Department, Assam shall be entitled to recover 0.5% of the value of the delayed supply with reference to the delivery date given in the purchase order up to three week. Thereafter, the Purchase Order may be cancelled and performance guarantee may be encashed.
- (iii) The items shall be supplied within 2 months of the award of work.
- (iv) Commissioning/ Installation shall be made by the firm within 15 days of the supply.
- (v) A Bill giving details of Sales Tax/VAT Registration Nos. etc. may be submitted to this Secretariat for settlement.
- (vi) Payment would be processed after satisfaction of technical expert that supply of hardware match the specification ordered for.
- (vii) No advance payment will be made in any case.

14. GENERAL TERMS & CONDITIONS OF THE TENDER

The following terms & conditions shall apply in connection with the supply of computer equipment:

- (i) The complaint should invariably be attended to by the firm within 4 hours of lodging the same and must be resolved within 24 hours. The engineer of the firm/OEM will attend the complaint at the location of the item (s).
- (ii) Delivery/installation of the item (s) at '**Network Operating Centre (NOC) of NIC, Assam Unit at Assam Civil Secretariat, Dispur, Block-A (1st Floor)**'. shall be arranged by the firm at their own cost.
- (iii) The firm may be **blacklisted** for further business with Election Department, Assam owing to non-performance of satisfactory and timely service.
- (iv) If there is any damage during transportation/installation, the same would be borne by the supplier firm. The damaged item should be replaced by the supplier.
- (v) The tender document is not transferable.

15. Clarifications.

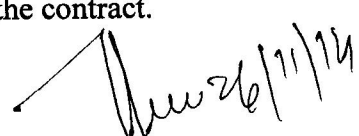
In case of bidder requires any clarification regarding the tender documents, they are advised to submit their queries to Chief Electoral Officer, Assam in the e-mail address **ceo_assam@eci.gov.in**. No irrelevant query will be entertained.

16. The Election Department, Assam reserves the right to accept or reject all bids including the lowest at any time prior to award of purchase order without assigning any reason. The Election Department, Assam also reserves the right to amend or withdraw any of the terms and conditions contained in the tender document or to reject any or all the tenders in whole or in part without giving any notice or assigning any reason.

17. Dispute Redressal

All disputes, differences and questions arising out of the contact of this tender shall be referred to the sole arbitrator appointed by the Chief Electoral Officer, Assam. The award of the arbitration shall be binding on both the parties.

High Court, Gauhati / Civil Court located in the District of Kamrup Metro alone will have jurisdiction for filing any case arising out of execution of the contract.


Joint Chief Electoral Officer &
Deputy Secretary, Govt. of Assam
Election Department, Dispur.

ANNEXURE-1.**Technical Bid:**

Blade Server:			
Item	Description of Requirement (specifications)	Specification as quoted by vendor	Deviation if any
Processor	Latest generation x86-64 processor , 2 nos of Intel® Xeon® E5-2407v2 (2.4GHz/4-core/10MB/80W) Processor, based on Intel C600 series chipset, offering xMB shared L3 cache (depends on processor). Server should provide an intelligent socket that would ease the installation of CPU to avoid errors caused by mis-inserting processors during install or upgrade.		
Memory	128 GB DIMMS scalable to at least upto 384GB, using DDR3 Load Reduced DIMM (LRDIMM) memory modules. Should be capable of identifying and reporting whether genuine OEM memory is installed. Each LRDIMM should work at 1333MHz, 1.35V even after populating all the DIMMs in the channel.		
Memory Protection	Advanced ECC Memory Online Spare Mode (Rank Spare Mode) Memory Lockstep Mode		
Hard disk drive with carrier	2 * 1TB hot plug SFF SAS drives. Hard disk drive should support "Do Not Remove" caution indicator to avoid human errors in replacing failed HDD		
Storage Controller	Integrated PCIe 3.0 based SAS Raid Controller with RAID 0, 1 with 512MB of Flash backed write cache onboard.		
Networking features	Flexibility to choose one of below embedded ports: 1. Dual Port 10GbE Converged Network Adaptor which supports partitioning up to 3* Ethernet and 1* FC/SCSI HBA ports per 10Gbps port when using with appropriate Blade interconnect 2. Dual port 10Gbps network port which supports partitioning up to 4* Ethernet ports per 10Gbps port when using with appropriate Blade interconnect 3. Dual port 10Gbps ethernet ports		
Interfaces	Minimum of 1 * internal USB 2.0 port and 1* internal SDHC card slot		

Item	Description of Requirement (specifications)	Specification as quoted by vendor	Deviation if any
Blade Server Connectivity to SAN	Should be capable of supporting 8Gbps Dual port Fiber Channel HBA internal to the Server Blade.		
Bus Slots	Minimum of 2Nos of PCIe 3.0 based mezzanine slots. One PCIe x16 based and one PCIe x8 based supporting Ethernet, FC adapters, Infiniband and SAS based adaptors		
Graphics	Integrated G200		
Industry Standard Compliance	ACPI 2.0Microsoft® Logo certificationsUSB 2.0 SupportIPMI 2.0Secure Digital 2.0TPM 1.2 SupportIEEE (specific IEEE standards dependant on Ethernet adapter card(s) installed)Advanced Encryption Standard (AES)Triple Data Encryption Standard (3DES)SNMPSSL 2.0DMTF Systems Management Architecture for Server Hardware Command Line Protocol (SMASH CLP)Active Directory v1.0PCIe 3.0		
OS Support	Microsoft Windows Server Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) Oracle Solaris Vmware		
Warranty	3 year 24x7 4Hour response comprehensive warranty		
Provisioning	Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built -in Update manager that can update firmware of system by connecting online.		

Item	Description of Requirement (specifications)	Specification as quoted by vendor	Deviation if any
Remote Management	System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication.		
	Out of band remote management port should be provided and it should have atleast 4GB of NAND Flash to download the firmware from the website directly or from internal system. Server should support automated firmware update.		
	Server should support agentless management using the out-of-band remote management port.		
	The server should support Active Health System which monitors and records changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.		
	Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be available		
	Should support remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console Replay that captures and stores and supports replay of the console video during a server's last major fault or boot sequence, Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support. Should provide support for AES and 3DES on browser.Should provide remote firmware update functionality.Should provide support for Java free graphical remote console.		

<i>Item</i>	<i>Description of Requirement (specifications)</i>	<i>Specification as quoted by vendor</i>	<i>Deviation if any</i>
Server Management	The Systems Management software should provide Role-based security		
	Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts.		
	Should provide an online portal that can be accesible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contrats and status. The Portal should also provide a Personalised dashboard to monitor device heath, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet).		
	Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes		
	Should be able to perform comprehensive system data collection and enable users to quickly produce detailed inventory reports for managed devices. Should support the reports to be saved in HTML, CSV or XML format.		
	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.		

Blade Enclosure:			
Item	Description of Requirement (specifications)	Specification as quoted by vendor	Deviation if any
Blade Chassis	Solution to house the required number of blade servers in smallest number of enclosures. Industry standard suitable for housing in Standard Server Racks - The blade enclosure should offer at least 50% more higher server density per square-foot when compared to the dense 1U Rack servers. Should have support for full height and half height blades in the same enclosure, occupying a max of 6U rack height		
	Same enclosure should support Intel Xeon and AMD Opteron based blades		
	Should support Hot Pluggable & Redundant Management Modules with onboard KVM functionality		
	Should provide an highly reliable and high performance mid-plane/back-plane design in the blade enclosure. Should provide detailed technical information.		
	Should be able to accommodate the blade servers mentioned in the specifications in the proposed blade enclosures. The proposals must offer the most dense packaging possible for the blade servers in the enclosure and maximum headroom for future expansion in the offered enclosures.		
	Support simultaneous remote access for different servers in the enclosure.		
Interconnect	Should support simultaneous housing of Ethernet, FC, SAS interconnect fabrics offering Hot Pluggable & Redundancy as a feature		
Blade Server Interconnect to LAN/ Network	The enclosure should be populated with network switch with atleast 2 gigabit uplink ports, up-linkable to the data center switch.		
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 for flexibility in connecting to datacenter power enabled with technologies for lower power consumption and high energy efficiency levels. Vendors should provide documents certifying the claims.		

Item	Description of Requirement (specifications)	Specification as quoted by vendor	Deviation if any
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		
Warranty	3 years comprehensive warranty		
System Software	All required System software has to be from the OEM itself.		
Remote Management	Must provide a remote management functionality to operate the server in both in-band and out-of-band. Must be part of the server without the need to install any additional hardware or software.		
	Must have real time Virtual KVM functionality and be able to perform a remote Power sequence. Must provide both Java & Java-free browsing options.		
	Must have the ability to map the remote media to the server and ability to transfer files from the user's desktop/laptop folders to the remote server with only the network connectivity.		
	Must have the ability to capture the video sequence of the last failure and the boot sequence and also playback the video capture or equivalent technology.		
	Must have the ability for multiple administrators across remote locations to collaborate on the remote session in a server with a maximum of 4 sessions even in server powered OFF mode.		
Power Management	Must be able to show the actual power usage and actual thermal measurement data of the servers.		
Server Rack			
Rack	42U rack		

Specifications/Configurations of Blade Servers.

Item	Configuration
Processor	Latest generation x86-64 processor , 2 nos of Intel® Xeon® E5-2407v2 (2.4GHz/4-core/10MB/80W) Processor, based on Intel C600 series chipset, offering xMB shared L3 cache (depends on processor). Server should provide an intelligent socket that would ease the installation of CPU to avoid errors caused by mis-inserting processors during install or upgrade.
Memory	128 GB DIMMS scalable to at least upto 384GB, using DDR3 Load Reduced DIMM (LRDIMM) memory modules. Should be capable of identifying and reporting whether genuine OEM memory is installed. Each L RDIMM should work at 1333MHz, 1.35V even after populating all the DIMMs in the channel.
Memory Protection	Advanced ECC Memory Online Spare Mode (Rank Spare Mode) Memory Lockstep Mode
Hard disk drive with carrier	2 * 1TB hot plug SFF SAS drives. Hard disk drive should support "Do Not Remove" caution indicator to avoid human errors in replacing failed HDD
Storage Controller	Integrated PCIe 3.0 based SAS Raid Controller with RAID 0, 1 with 512MB of Flash backed write cache onboard.
Networking features	Flexibility to choose one of below embedded ports: 1. Dual Port 10GbE Converged Network Adaptor which supports partitioning up to 3* Ethernet and 1* FC/iSCSI HBA ports per 10Gbps port when using with appropriate Blade interconnect 2. Dual port 10Gbps network port which supports partitioning up to 4* Ethernet ports per 10Gbps port when using with appropriate Blade interconnect 3. Dual port 10Gbps Ethernet ports
Interfaces	Minimum of 1 * internal USB 2.0 port and 1* internal SDHC card slot
Blade Server Connectivity to SAN	Should be capable of supporting 8Gbps Dual port Fiber Channel HBA internal to the Server Blade.
Bus Slots	Minimum of 2Nos of PCIe 3.0 based mezzanine slots. One PCIe x16 based and one PCIe x8 based supporting Ethernet, FC adapters, Infiniband and SAS based adapters
Graphics	Integrated G200
Industry Standard Compliance	ACPI 2.0 Microsoft® Logo certifications USB 2.0 Support IPMI 2.0 Secure Digital 2.0 TPM 1.2 Support IEEE (specific IEEE standards dependent 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
OS Support	Microsoft Windows Server Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) Oracle Solaris VMware
Warranty	3 year 24x7 4Hour response comprehensive warranty
Provisioning	Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built -in Update manager that can update firmware of system by connecting online.

Remote Management	System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication.
	Out of band remote management port should be provided and it should have atleast 4GB of NAND Flash to download the firmware from the website directly or from internal system. Server should support automated firewall update.
	Server should support agentless management using the out-of-band remote management port.
	The server should support Active Health System which monitors and records changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.
	Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be available
	Should support remote console sharing up to 6 users simultaneously during pre-OS and OS runtime operation, Console Replay that captures and stores and supports replay of the console video during a server's last major fault or boot sequence, Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support. Should provide support for AES and 3DES on browser. Should provide remote firmware update functionality. Should provide support for Java free graphical remote console.
Server Management	The Systems Management software should provide Role-based security
	Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts.
	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 Personalized dashboard to monitor device health, hardware events, and contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet).
	Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes
	Should be able to perform comprehensive system data collection and enable users to quickly produce detailed inventory reports for managed devices. Should support the reports to be saved in HTML, CSV or XML format.
	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.

Item	Configuration
Blade Chassis	Solution to house the required number of blade servers in smallest number of enclosures. Industry standard suitable for housing in Standard Server Racks - The blade enclosure should offer at least 50% more higher server density per square-foot when compared to the dense 1U Rack servers. Should have support for full height and half height blades in the same enclosure, occupying a max of 6U rack height
	Same enclosure should support Intel Xeon and AMD Opteron based blades
	Should support Hot Pluggable & Redundant Management Modules with onboard KVM functionality
	Should provide an highly reliable and high performance mid-plane/back-plane design in the blade enclosure. Should provide detailed technical information.
	Should be able to accommodate the blade servers mentioned in the specifications in the proposed blade enclosures. The proposals must offer the most dense packaging possible for the blade servers in the enclosure and maximum headroom for future expansion in the offered enclosures.
	Support simultaneous remote access for different servers in the enclosure.
Interconnect	Should support simultaneous housing of Ethernet, FC, SAS interconnect fabrics offering Hot Pluggable & Redundancy as a feature
Blade Server Interconnect to LAN/ Network	The enclosure should be populated with network switch with at least 2 gigabit uplink ports , up-linkable to the data center switch.
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 for flexibility in connecting to datacenter power enabled with technologies for lower power consumption and high energy efficiency levels. 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
Warranty	3 years comprehensive warranty
System Software	All required System software has to be from the OEM itself.
Remote Management	Must provide a remote management functionality to operate the server in both in-band and out-of-band. Must be part of the server without the need to install any additional hardware or software.
	Must have a real time Virtual KVM functionality and be able to perform a remote Power sequence. Must provide both Java & Java-free browsing options.
	Must have the ability to map the remote media to the server and ability to transfer files from the user's desktop/laptop folders to the remote server with only the network connectivity.
	Must have the ability to capture the video sequence of the last failure and the boot sequence and also playback the video capture or equivalent technology.
	Must have the ability for multiple administrators across remote locations to collaborate on the remote session in a server with a maximum of 4 sessions even in server powered OFF mode.
Power Management	Must be able to show the actual power usage and actual thermal measurement data of the servers.
Server Rack	42U rack

DECLARATION

From

To

The Chief Electoral Officer, Assam and
Commissioner & Secretary to the Govt. of Assam,
Election Department, Dispur. Guwahati-06.

Sir,

I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender Document.

2. I/We also confirm that in the event of my/our tender being accepted, I/We hereby undertake to furnish Performance Guarantee Deposit (PGD), as applicable, in the form of a Bank guarantee from a nationalized bank.

3. We agree with all the terms and conditions of the tender document and those shall be binding on us if we get the work order.

3. I/We hereby declare that neither firm nor any of the Proprietor /Partner/Director of the firm have ever been black listed/suspended for business by any Department of Government of India/ Public Undertaking.

Place:

Date:

Yours faithfully,

Signature, name & address of
authorized signatory of the firm with seal

Annexure -IV

LETTER OF AUTHORIZATION FOR ATTENDING THE BID OPENING

Sub. Authorization for attending the technical bid opening on
.....and financial bid onof the tender for procurement of
the Blade Servers.

The under mentioned person is hereby authorized to attend the bid opening for the tender
mentioned above on behalf of M/s(name of the bidder)

Name

specimen signature

Alternative representative

Name

specimen signature

Signature of the bidder/ authorized signatory of the firm with seal

Annexure – V

To _____

Sub: OEM"s Authorized Partners for this Tender.

Sir,

1. I/We (Bidder/OEM) having my/our registered office (address of the OEM) am/are an established manufacturer of.....(name of quoted items). I/we (Name of bidder/OEM) solely authorize..... (Name of the bidders/OEM"s authorized partner) to supply, install and provide warranty support on our quoted product for above mentioned tender. I/we have established that above authorized partners meet all tender eligibility conditions defined for OEM"s authorized partners. I/we also have entered in an agreement with our all authorized partners that they will supply, install and provide warranty support for this tender on behalf of us.
2. Our full support is extended in all respects for supply, onsite warranty and maintenance of our products. I/we also ensure to provide the service support for the supplied equipments for a period of _____years from date of installation of the equipments as per tender terms & conditions.
3. I/we also undertake that in case of default in execution of this tender by the any of authorised partners viz _____(name of the authorized partners), the _____(Bidder/OEM)) shall take all liabilities and responsibilities and necessary steps for successful execution of maintenance/service support.

For _____(name of) Bidder/OEM

(Authorized signatory)

Name & Designation: _____

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by legal head or HR Head or CS of OEM. This may be enclosed with the bid. Any modification done to the above format will not be acceptable.

ELIGIBILITY CRITERIA

1. Name of the bidder:
2. Address of the bidder:
3. Contact details of the bidder:
 - (a) Tele No. with STD Code (O)_____FAX No._____
 - (b) Mobile No._____
 - (c) E-mail_____ (d) Website_____
4. Name of Proprietor/Partner/Director of the firm:
5. Copy of Registration Certificate as per existing norms (indicating legal status-company/partnership firm/proprietorship, etc.)
6. CST/VAT/TIN/Service Tax registration details (attach copies of the documents).
7. Copy of Permanent Account Number (Income Tax).
8. Copies of Income Tax Returns, filed for the last three years.
9. Annual turnover for the last three years (Audited a/c statements/balance sheet should be attached).
10. Copy of DGS&D registration certificate, if registered with them.
11. Copy of authorized distributor/dealer of the OEM for the product (Annexure-V).
12. Proof of supply the items to Govt. Deptt./PSU of total Rs 5 crores during the last three years should be enclosed.
13. Declaration regarding blacklisting or otherwise by the Govt. Deptts. as given in Annexure-IV
14. The tender document (all pages) duly signed and stamped by the bidder (all pages should be numbered).
15. Duly filled in authorization for attending the bid opening (Annexure-IV).
I/we_____certify that the information furnished above is true and correct. The terms & conditions are acceptable to us.

Date:

Place:

**Signature, name & address
of authorised signatory of the firm with seal**

Tender Document**Schedule of rates (Financial Bid)****From**

To

The Chief Electoral Officer, Assam and
Commissioner & Secretary to the Govt. of Assam,
Election Department, Dispur. Guwahati-06.

Sir,

I/we declare that I/we have gone through and shall abide by the terms & conditions detailed in the tender document for supply of items required. The rates are as under:

Sl. No.	Name of items	Condition	Qty.	Rate per unit (In Rs.)	Total amount (In Rs.)
1.	Blade Server	5 years onsite warranty with spares.	5 Nos.		
2	Storage 20TB (Seagate external hard disc)		1 no.		
3	Server Rack (42U)		1 no.		

Signature, name & address of
authorized signatory of the firm
with seal