

LOK SABHA SECRETARIAT
Computer (HW&SW) Management Branch
(Hardware Unit)
ROOM NO.FB-149, PARLIAMENT LIBRARY BUILDING
NEW DELHI-110001

Tender for the procurement of Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library (VTL) and Related Software.

Date of publishing of tender :- 11.02.2015

CORRIGENDA

Tender for Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library (VTL) & related Software

Corrigenda

Sl. No.	Annexure/Clause	For	Read
1.	Annexure – I, Specification of Blade Servers	<p>>The server should have four nos. of latest eight core or higher 64-bit x86 processor fully binary compatible to 32-bit applications. Number of cores on a single die/socket will be treated as a single processor. The server should have Processor SPEC CPU2006 benchmarked with SPEC Rating in the range of at least 861-900 (60% of SPECint_rate_base2006 plus 40% of SPECfp_rate_base2006 scores) benchmarked with max. 512GB memory.</p> <p>> Motherboard based associated Chipset. > SAS controller with support for RAID 0 & 1. > 2x300GB Hot Swap 15K RPM or higher SAS drives.</p>	<p>>The server should have four nos. of latest eight core/Two no. of latest 16 core or higher 64-bit x86 processor fully binary compatible to 32-bit applications. Number of cores on a single die/socket will be treated as a single processor. The server should have Processor SPEC CPU2006 benchmarked with SPEC Rating in the range of at least 861-900 (60% of SPECint_rate_base2006 plus 40% of SPECfp_rate_base2006 scores) benchmarked with max. 512GB memory.</p> <p>> Motherboard based associated Chipset. > SAS controller with support for RAID 0 & 1. > 2x300GB Hot Swap 15K RPM or higher SAS drives.</p>
2	Annexure-II, Specification of Blade Enclosure (a) Sl. No. -1, Form Factor	Rack mount Maximum 10U	Rack mount
	(b) Sl. No. 2, Server Blade Slots	Minimum 14 slots (Support 14 nos. two processor x86 based blade server having HDD of any interface (SATA, SAS or SSD).	Maximum 16 slots (Support Max. 16 nos. two processor/ Max. 8 nos. of Four processor x86 based blade server having HDD of any interface (SATA, SAS or SSD).
	(c) Sl. No. 3, 10 Slots	Enclosure should have sufficient number of 10 slots to support up to four 1Gbps/10Gbps Ethernet and two 8Gbps or higher FC ports per blade server for fully populated chassis.	Enclosure should have sufficient number of I/O slots to support up to four 1Gbps/10Gbps Ethernet and two 8Gbps or higher FC ports (Configured on CNA Ports) per blade server for fully populated chassis in four processor Server .

	<p>(d) Sl. No. 4, I/O Fabric</p>	<p>>Chassis should equipped with Hot-plug Redundant modules/switches.</p> <p>> Each Module/Switch should be equipped with minimum 4x10Gbps or higher Ethernet & 4x8Gbps or higher FC uplink ports and minimum 1x10Gbps FCoE downlink ports to each x86 two processor server in fully populated enclosure with blade servers. Module/Switch should support Port channel.</p> <p>> The downlink BW of each FCoE port of 10 modules/switches should be configurable in any combination of Ethernet and/or FC ports.</p> <p>> The connection to the server blades should be through internal link.</p> <p>> Enclosure should have sufficient number of 10 slots to support up to four 1Gbps/10Gbps Ethernet and two 8Gbps or higher FC ports (Configured on CNA Ports) per blade server for fully populated chassis.</p> <p>> Cables equal to number of uplink ports (Multimode Fiber Cable for FC uplink ports) of 10 modules should be part of the enclosure BOM.</p>	<p>> Chassis should equipped with Hot-plug Redundant modules/switches(Internal/external)</p> <p>> In case of Internal each Module/Switch should be equipped with minimum 4x10Gbps or higher Ethernet & 4x8Gbps or higher FC uplink ports and minimum 1x10Gbps FCoE downlink ports to each x86 two processor/ (2x10Gbps FCoE downlink ports to each x86 Four processor) server in fully populated enclosure with blade servers. Module/Switch should support Port channel.</p> <p>In case of External Each switch should be equipped with minimum 8x10 Gbps FCoE downlink port to connect to I/O ports available in Blade Enclosure. The switch should also be equipped with minimum 4x10Gbps Ethernet & 4x8Gbps FC uplink port.</p> <p>Each switch should be equipped with required licenses for its complete functioning.</p> <p>> The downlink BW of each FCoE port of 10 modules/switches should be configurable in any combination of Ethernet and/or FC ports.</p> <p>> The connection to the server blades should be through internal link.</p> <p>> Cables equal to number of uplink ports (Multimode Fiber Cable for FC uplink ports) of I/O modules should be part of the enclosure BOM.</p>
<p>3</p>	<p>Annexure-IV, Unified SAN (a)Sl. No. 1</p>	<p>Array shall be configured with 40 TB Raw capacity using 900GB or higher 15K RPM Dual Ported SAS Drives with one additional global hot spare drive of same capacity for every thirty data drives</p>	<p>Array shall be configured with 40 TB Raw capacity using 900GB or higher 10K RPM Dual Ported SAS Drives with one additional global hot spare drive of same capacity for every thirty data drives</p>
	<p>(b) Sl. No. 2</p>	<p>Array shall be scalable to 80TB Raw capacity using 900GB 15K RPM SAS Disk drives using same controllers</p>	<p>Array shall be scalable to 80TB Raw capacity using 900GB 10K RPM SAS Disk drives using same controllers</p>

	(c) Sl. No. 5	Array shall be configured with Minimum 8* 8 Gbps or higher FC ports, 4x1*1Gbps, iSCSI Ports & 2 * 10Gbps NAS ports across controllers. 2X8Gbps ports for NDMP backup shall be provisional 4X10Gbps FCOE, Ports shall be provided natively or externally	Minimum 4* 8 Gbps or higher FC ports, 4x1Gbps Ports & 2 * 10Gbps NAS ports across controllers.
	(d)Sl. No. 9	The storage system should support FC, ISCSI and FCOE Protocols for Block connectivity and CIFS, NFS for File Connectivity from Windows, Linux and Unix servers. License if any to enable these protocols shall be supplied from day one. Array shall support NDMP Backup for NAS Data. Any license feature if applicable for NDMP backup shall be supplied from day one.	The storage system should support FC, ISCSI Protocols for Block connectivity and CIFS, NFS for File Connectivity from Windows, Linux and Unix servers. License if any to enable these protocols shall be supplied from day one. Array shall support NDMP Backup for NAS Data. Any license feature if applicable for NDMP backup shall be supplied from day one.
	(e) Sl. No. 14	Array shall be supplied with Single Web based management tool to manage all protocols like FC, iSCSI, FCoE , NFS and CIFS. It shall be capable to create, allocate, expand & move Luns dynamically; Proposed Management GUI shall be capable to discover Virtual machines and also show mapping of LUNs to Virtual Machines. Proposed Management GUI shall support Role based access, Auditing of logs, Quality of Service, Quota management, SNMP & Email alerts. It Should be capable to manage other Storage systems of the same class and make. Proposed Management GUI shall also support administration and configuration of Snapshot, Clones and Replication as well.	Array shall be supplied with Single Web based management tool to manage all protocols like FC, iSCSI, NFS and CIFS. It shall be capable to create, allocate, expand & move Luns dynamically; Proposed Management GUI shall be capable to discover Virtual machines and also show mapping of LUNs to Virtual Machines. Proposed Management GUI shall support Role based access, Auditing of logs, Quality of Service, Quota management, SNMP & Email alerts. It Should be capable to manage other Storage systems of the same class and make. Proposed Management GUI shall also support administration and configuration of Snapshot, Clones and Replication as well.
4	Annexure- V, SAN Switch (a) Sl. No. 1	The fiber switch should be quoted with minimum 32 Ports of 8Gbps or higher speed each	The fiber switch should be quoted with minimum 24 Ports of 8Gbps or higher speed each

5	Annexure-VI, VTL (a) Sl. No. 2	64 Virtual Drives and 8000 slots	24 Virtual Drives and 8000 slots. VTL should provide Back up speed up to 8TB per hour with proposed capacity. Backup Library shall support Inline de-duplication as well low bandwidth replication when replicating to DR location; Required licenses for de-duplication shall be part of the quote. Any additional H/w or S/W if required to achieve above performance, should be supplied over and above the asked specifications.
	(b) Sl. No. 3	4 x 8G FC; 2 X 10Gbps Ethernet	2 x 8G FC; 2 X 10Gbps Ethernet

6	Annexure-VII, Specifications of Software	Sl. No.	Specification	Specification
		1	License for VMware vSphere with Operations Management Enterprise Plus for 1 Processor (with 5 year support)	License for VMware vSphere with Operations Management Enterprise Plus for 1 Processor (with 5 year support)*
		2	License for VMware vCenter Server 5 Standard for vSphere 5 (per instance) with year support	License for VMware vCenter Server 5 Standard for vSphere 5 (per instance) with 5 year support*
		3	License for MS Windows- 2012- R2 Standard Edition	License for MS Windows- 2012- R2 Standard Edition core based with 5 years support
		4	License for MS –SQL-2012- R2 Standard Edition	License for MS –SQL-2012- R2 Standard Edition with 5 years support
		5	License for Red Hat Enterprise Linux 6.5 Version (with 5 year support)	License for Red Hat Enterprise Linux 6.5 Version (with 5 year support)
		6	License for Backup Software License for backing up data bases on VTL(with five year support)	License for Backup Software License for backing up data bases on VTL (with five year support)
				*The bidder may also quote the software of same specification of Redhat Brand. However, in this case the software must be compatible with existing software (Backend & frontend software) deployed in Lok Sabha Secretariat. The bidder must also furnish the technical literature of the comparable software of Redhat Brand in the technical bid to verify whether the same will suit the purpose of Lok Sabha Secretariat and will work in the technical environment of Lok Sabha Secretariat.
7	Clause 11 (VI) of Tender Document,		The Bidder shall make available services of one System Engineer at his own cost for one year from the date of commissioning. The Engineer shall have appropriate Technical Degree and experience of at least five years in Hardware system, Software installation and SAN/Back up operation etc. It shall be the duty of the System Engineer to configure, maintain and manage the Servers/SAN/Backup. The Engineer shall also train the staff of Lok Sabha Secretariat, NIC and allied agencies for the same purpose along with data security.	The Bidder shall make available services of one System Engineer for one year from the date of commissioning. The services of the Engineer will be paid by Lok Sabha Secretariat. The Engineer shall have appropriate Technical Degree and experience of at least five years in Hardware system, Software installation and SAN/Back up operation etc. It shall be the duty of the System Engineer to configure, maintain and manage the Servers/SAN/Backup. The Engineer shall also train the staff of Lok Sabha Secretariat, NIC and allied agencies for the same purpose along with data security. The training to be given shall be on job training wherein the manpower shall be associated with the Engineer who will make them conversant with the system to discharge their duties independently. A new Annexure- XIX has been added to the Tender Document as proforma for financial bid for the services of the Engineer.

8	Clause 12 (IV) of Tender Document	The item(s) will be delivered within 30 days of confirmed order placed by the Lok Sabha Secretariat.	The item(s) will be delivered within 60 days of confirmed order placed by the Lok Sabha Secretariat.
9	Clause 12 (V) of Tender Document	The delivered items shall be installed and commissioned by the Bidder within 30 days of delivery or such extended period as may be communicated by the Secretariat.	The delivered items shall be installed and commissioned by the Bidder within 30 days of delivery or such extended period as may be communicated by the Secretariat. The work of installation and commissioning will also involve migration of exiting data. The cost for migration of exiting data will be paid by Lok Sabha Secretariat. Three new Annexures-XX, XXI, XXII in this respect have been added to the Tender Document. Annexure No. XX is proforma for financial bid for data migration and Annexure Nos. XXI & XXII give the details of data to be migrated.
10	Clause 9 (a) (i) of Tender Document	Lowest Bidder (L-1) will be the one whose total quoted rate for all the items i.e. Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library(VTL) and Related Software taken together is the lowest;	Lowest Bidder (L-1) will be the one whose total quoted rate for all the items i.e. Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library(VTL), Related Software, services of the Engineer and data migration taken together is the lowest;

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Annexure-XIX

Tender for Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library (VTL) & related Software

Proforma for Financial Bid for services of Engineer

Sl. No.	Description	Qualification	Experience	Charges Per Month	Service Tax per Month	Duration in (Months)	Total Charges (in Rs.)
1.	Network Engineer						

Annexure-XX

Tender for Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches, Virtual Tape Library (VTL) & related Software

Proforma for Financial Bid for Cost of Data Migration

Sl. No.	Description	Charges for data migration (in Rs.)	Service Tax (in Rs.)
1.	Migration of Existing Data		

**Tender for Blade Servers, Blade Enclosure, Rack, Unified Storage Area Network(SAN), SAN Switches,
Virtual Tape Library (VTL) & related Software**
Details of existing software

Operating System : Red hat Enterprise Linux
 Oracle Server : Oracle 10 G 32 bit
 Application Server : Web sphere 6.1
 Other software : crystal Report 11,

Application Name	Space occupied by application	Database	Db size	Size on Hard Disk
e-Wisdom	3.0 GB	LSS, CLRI	2.5 GB	<pre> root@IP Filesystem Size Used Avail Use% Mounted on /dev/sda2 97G 4.7G 87G 6% / /dev/sda1 99M 12M 83M 13% /boot none 2.0G 0 2.0G 0% /dev/shm /dev/sda5 25G 905M 22G 4% /home /dev/sda7 9.7G 132M 9.0G 2% /tmp /dev/sda3 39G 2.9G 34G 8% /usr /dev/sda6 15G 323M 14G 3% /var root@IP Filesystem Size Used Avail Use% Mounted on /dev/sdb2 53G 15G 36G 29% / /dev/sdb1 190M 12M 169M 7% /boot none 1014M 0 1014M 0% /dev/shm /dev/sdb5 2.0G 36M 1.8G 2% /home /dev/sdb6 487M 20M 442M 5% /tmp /dev/sda2 58G 11G 45G 19% /u02 /dev/sda1 73G 18G 52G 26% /u03 root@IP Filesystem Size Used Avail Use% Mounted on /dev/sdb2 39G 25G 12G 68% / /dev/sdb1 99M 12M 83M 12% /boot none 2.0G 0 2.0G 0% /dev/shm /dev/sdb5 981M 24M 908M 3% /home /dev/sdb6 487M 11M 451M 3% /tmp /dev/sda1 37G 11G 25G 29% /u02 /dev/sda2 37G 9.3G 26G 27% /u03 root@IP </pre>

Total space used by the Application:

Total space used by the Databases

I.P. - _____ Data base Server

I.P. - _____

I.P.:- _____ 2 Application servers

**Tender for Blade Servers, Blade Enclosure, Rack, Unified Storage Area
Network(SAN), SAN Switches, Virtual Tape Library (VTL) & related Software**

Details of Exiting Software

Server IP -----

Operating System: Window Server 2003

Backend :Sqlserver2000

	Server	Branch	Software	Database Name	Database Size	Increment	Size on Hard Disk
1	IP---- (Window Server 2003)	Question Branch	Processing of Questions	Question Branch	100MB	100MB	C drive Total 24GB Free 13GB
2	-do-	-do-	Old data of Processing of Question(Previous Sessions of 16 th Lok Sabha)	Sqbranch1603 Sqbranch1602 (2 Databases)	200MB	-	E drive Total 43GB Free 40GB
3	-do-	-do-	Old data of Processing of Question(Previous Sessions of 15 th Lok Sabha)	Pqbranch1502... 1515 (14 Databases)	1.5GB	-	

Server IP :----

Operating System: Window Server 2003

Backend :Sqlserver2000

	Server	Branch	Software	Database Name	Database Size	Increment	Size on Hard Disk
1	(Window Server 2003)	Index Branch	Hindi Index(old)	edit	300MB	100MB	C drive Total 24GB Free 10GB
2	-do-	-do-	English Index	index	200MB	-	E drive Total 43GB Free 41GB
3	-do-	-do-	Hindi Index(New -Web based)	Hind_index	50MB	-	

Server IP :-----

Operating System: Window Server 2003

Backend :Sqlserver2000

	Server	Branch	Software	Database Name	Database Size	Increment	Size on Hard Disk
1	(Window Server 2003)	Joint Recruiting Cell	Application Processing	Exm2009	100MB	50MB	C drive Total 12GB Free 2GB
2	-do-	-do-	Application Procession (Previous Date)	Exam	150MB	-	H drive Total 123GB Free 121GB

Server IP :-----

Operating System: Window Server 2003

Backend :Sqlserver2000

Server	Application Name	Space used by Applications	Database Name	Space used by Databases	Size on Hard Disk
IP----- (Window Server 2003) Standard Edition Service pack2 Sql Server 2000 Microsoft .net framework(2.0 sp2,3.5 sp1)	Bills Input Bills Pdf files Chkserver space Deputy speaker eQtest ipad_rssfeed trust ballotdisplay eQuestions jrcresult rti	18GB	Bios Biosbackup Constassembly Dailybusiness debate10 debate12 DMIS21 Documentation lsmember lsmember_swunit lssorg lssorgchart lstv mfilm newmfilm paper_laid PFG Pprq pqs91 prq Publication	19GB	C drive Total 35GB Free 13GB G drive Total 100GB Free 38GB

Server IP: -----				
Operating System		Microsoft Windows server 2003 Standard Edition Service Pack 2		
SQL SERVER		Microsoft SQL SERVER 2000		
Other Software		Crystal Report for dot net framework 2.0, Dot net framework 2.0 SP2, 3.0 SP2, 3.5 SP1,4.0		
Application Name	Space Occupied by Application	Databases	Databas e Size	Size on Hard Disk
15,android_rssfeed_ls, android_rssfeed_lsHindi, Annexure_New, App,ballotdisplay,BPST_INPUTNEW, BPST_INPUT,bpstinput,bull1,bull2, BulletinI, BulletinIHindi, BulletinII,cadebate_pdf_files, chksrvspace,CommitteeReport1, CrystalWebFormViewer2,current, current_h,debatestext,Digital_comm ittee,estudy Fileupload_new,Fileuploadh,hindiANI, hindiANI,image,images,input,input program,ipad_pushnotification,ipad_rssfeed, ipad_rssfeedhindi, ipad_rssfeednew,JRC_online,JRCCell,l egislative_desk,lob,lobpmb, lobpmb_hindi,Lobtext, Lobtexthindi,Loksabha-Chart,Loksabhawebsite1,lsq13,lsq14, lsq15,lsquestions,lss_documentation , lss_siteupdation, lssfeed, lsshindifeed, LssNew, menu, mpimage, MyFolder, newdebate, notationpaper, officercharthindi, orgnew, paperlaid, paperlaidfiles, paperlaidinputnew, Parcom-ls1, parl_awards, Photo, policy_desk, ppr, Parkashan, previous_events, provisionalcalender, provisionalcalenderhindi, questionlist1, reference_input, referenceService, referencewing, Reports, resumeofworkhindi, scst, Server_Info, speech_hindi,	30 GB	Attendance, Attendance15,committee, Comeback,cpa,dailybusiness ,intracircular,JRC,library, Lssorgchart,NICEEvents, paperlaid_comm, scst_grivences, speaker_hindi,Videolib	1 GB	Total Size C drive 20.3 GB Free Size C drive 6.18 GB Total Size G drive 19.5 GB Free Size G drive 5.72 GB Total Size J drive 95.5 GB Free Size J drive 34.3 GB

statementofwork, synop, synopsis, synopsishindi, tableoffice, TapeCirculation, TestLSUpload, Textofdebates, Textofdebateshindi, Vpresidential2012, Vpresidential2012, VpresidentialInput, writereaddate, Xii, aspnet_client, Backup SpeakerLoksabhadhindi, Bpst, Bulletinlhindi, cspoc, debatenew, Debate_Input, fileUpload, fileUpload_29_5_14, JointRecruitmentCell, jrcresult, JRC_forms, loksabha_hindi, LS, lsscommittee, lssorgchart, lssorgchart1, lstv, Member_Attendance, Members_Attendance14, Members_Attendance15, Members_Attendance16, mpimage_upload, New folder, Old_Application_Hindi, pdfload, questionlist, questionlist_hindi, question_status, RTI, sansadiya_Prakashan, SessionMaster, SpeakerLoksabhaHindi, tableofficehindi, tableofficeView, Tender, welfare				
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Server IP: -----				
Operating System	Microsoft Windows server 2008 R2 Enterprise Edition Service Pack 2			
SQL SERVER	Nil			
Other Software	crystal report framework 2.0, dotnet framework 4			
Application Name	Space Occupied by Application	Databases	Database Size	Size on Hard Disk
CGA, Organizations, Persons, RTI, bpstnew, bpst_input_Calendar, inputprogram, LSSCOMMITTEE, reference_input, sctc, BPST_hindi, Committe_on_Paperlaid, Committee, newlsBIOS_Search, Organizations, ReferenceService, RTI	12 GB	Nil	Nil	Total Size C drive 146 GB Free Size C drive 125 GB Total Size D drive 261 GB Free Size D drive 216 GB

Server IP: -----				
Operating System	Microsoft Windows server 2003 r2 Enterprise Edition Service Pack 2			
SQL SERVER	Microsoft SQL SERVER 2000			
Other Softwares	Crystal Report for dot net framework 2.0, Dot net framework 2.0 SP2, 3.0 SP2, 3.5 SP1,4.0			
Application Name	Space Occupied by Application	Databases	Database Size	Size on Hard Disk
1. calender 2. chksrvspace 3. cpa1 4. DRSccommittee_input 5. files 6. Inputprogram 7. intra-maintain 8. Intranet 9. ls 10. LSSCOMM 11. LSSCOMMITTEE 12. lsscommittee1 13. mm 14. picture_gallery 15. policy_desk 16. Public Accounts 17. search 18. aspnet_client 19. bpstnew 20. committee 21. committee_h 22. committee_hindi 23. CPA 24. CPA_input 25. employee 26. Ls_maintenance_Hindi 27. Members_Attendance 28. MIS 29. New_Events_Ls 30. New_Events_LS_hindi 31. NewBIOS_search 32. newevents_hindi_old 33. newls 34. Plibrary 35. Plibrary_M 36. Publication_Sales 37. SSRQ	27 GB	committee_demo lsmember	1 GB	C Drive: Total Size:64 GB Free Space: 33.9 GB E Drive: Total Size:38.2 GB Free Space: 17.7 GB

Server IP :-----

Operating System: Window Server 2003

Backend :Sqlserver2000

Server	Application Name	Space used by Applications	Database Name	Space used by Databases	Size on Hard Disk
IP ----- (Window Server 2003) Standard Edition Service pack2 Sql Server 2000 Microsoft .net frame work(2.0 sp2,3.5 sp1)	Chkservspace sctc space1 lsq	1 GB	debate debate12 debate14 debate15 debate16 debate_ca ipad_rssfeed_english ipad_rssfeed_hindi legislative lsmember lsqbr lsqbr12 lsqbr14 lsqbr15 lsqbr16 lsqbr_local paperlaid reference SSRQ unparl_english unparl_hindi	27 GB	C drive Total 49 GB Free 30 GB E drive Total 223 GB Free 194 GB

Server IP :-----

Operating System: Window Server 2003

Backend :Sqlserver2000

	Server IP/OS/Backend	Branch	Software	Database(s) Name	Database Size	Size on Hard Disk
1	IP ----- (Window Server 2003 SQL Server 2000)	CGA Branch	Committee on Government Assurances	cga	30 MB	C drive Total 35 GB Free 15 GB E drive Total 33.6 GB Free 28 GB
2	-----Do-----	PPR Branch	Accreditation of media organizations and their representativs	2 databases organization person	17 MB	

Server IP :-----

Operating System: Window Server 2003

Backend :Sqlserver2000

	Server IP/OS/Backend	Branch	Software	Database(s) Name	Database Size	Size on Hard Disk
1	IP----- (Window Server 2003) SQL Server 2000	Table Office	Members Attendance	3 databases attendance14 attendance15 attendance16	40 MB	C drive Total 50GB Free 29 GB D drive Total 18.5 GB Free 10 GB
4	----Do-----	Microfilming Unit	microfilming	2 databases mfilm newmfilm	70 MB 25 MB	
5	----Do-----	Audio Visual Unit	MIS for Video tapes/Cassettes	videolib	30 MB	
6	----Do-----	Audio Visual Unit	Appclction for Circulation of Recorded Video Tapes/DVDs/Cassettes	TapelR	3 MB	
7	----Do-----	Research Branch	MIS for Management and Tracking of Research Items/Assignments	assignment	8 MB	
8	----Do-----	Children's Corner	MIS for maintaining members of Children Corner	PLCC	4 MB	
9	----Do-----	Editorial Branch	Unparliament Expressions(Hindi)	50 MB	20MB	
10	----Do-----	-do-	Unparliament Expressions(English)	50 MB	20MB	

Server IP: -----				
Operating System		Microsoft Windows server 2003 Standard Edition Service Pack 2		
SQL SERVER		Microsoft SQL SERVER 2005,		
Other Software		Crystal Report for dot net framework 2.0, Dot net framework 2.0 SP2, 3.0 SP2, 3.5 SP1,4.0		
Application Name	Space Occupied by Application	Databases	Database Size	Size on Hard Disk
Calendar, detailed_whoswho, feedback, rti_new, rti_publish, MIS_New, master_entry, lstv, MinDept, sctc, obc, mpimage_uploadt, mpimage_new, MIS_News, Mem_info_zero_hour, Mem_info_starred, LS_Intranet, Establishment_List, DMIS22, changetohash, intra-maintain, jrc_online, Legislative_bodies, lsfeedback, rti	7 GB	Dmis22,intra_circular,lsmember,obc_grivances,recruit,ReportServer,ReportserverTempDB,RTI2005,scst,scst_grievances	2 GB	Total Size C drive 69 GB Free Size C drive 59 GB Total Size E drive 33.3 GB Free Size E drive 32.1 GB