

GRS/STDS OF PROCUREMENT OF 01 NO SERVER FOR GABP, MONGOLIA

Srl No	Name	Details	Unit	Remarks	Trial Directives																			
01.	Integration Server	<table border="1"> <tr> <td>Minimum number of Virtual Machines offered per node</td> <td>24</td> </tr> <tr> <td>Number of VCPUs (Physical cores) offered per virtual machine</td> <td>2</td> </tr> <tr> <td>RAM (Memory) offered per virtual Machine(GB)</td> <td>32 GB</td> </tr> <tr> <td>Storage offered per virtual Machine (GB)</td> <td>500 GB</td> </tr> <tr> <td>Hypervisor to be Integrated with SDS</td> <td>Within Kernel, outside Kernel</td> </tr> <tr> <td>Integration with Third party FC storage</td> <td>Others</td> </tr> <tr> <td>Number of Years of service and support from OEM(A)</td> <td>5 Years</td> </tr> <tr> <td>HCI to be software defined or hardware defined</td> <td>Software defined</td> </tr> <tr> <td>HCI Support</td> <td>VMWare</td> </tr> <tr> <td>If other, indicate HCI support</td> <td>1. Two numbers of Min 40 Port 10G fully active L3 switch with 2*40 G uplink port per switch to be provided. 2. Vmware Vsphere enterprise licenses to be provided.</td> </tr> </table>	Minimum number of Virtual Machines offered per node	24	Number of VCPUs (Physical cores) offered per virtual machine	2	RAM (Memory) offered per virtual Machine(GB)	32 GB	Storage offered per virtual Machine (GB)	500 GB	Hypervisor to be Integrated with SDS	Within Kernel, outside Kernel	Integration with Third party FC storage	Others	Number of Years of service and support from OEM(A)	5 Years	HCI to be software defined or hardware defined	Software defined	HCI Support	VMWare	If other, indicate HCI support	1. Two numbers of Min 40 Port 10G fully active L3 switch with 2*40 G uplink port per switch to be provided. 2. Vmware Vsphere enterprise licenses to be provided.	<p>Committee is of the opinion that during time of tender, if same model is not available, the latest model of similar configuration or substantially equivalent model may be accepted.</p>	<p>All parameters as per Technical specification will be verified with the help of OEM data sheet of offered product. Any deviation in product specification from OEM data sheet is liable to be rejected.</p>
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		If other, specify	1. Each node should be configured with 2x intel xeon Gold 5120 CPU. Inline deduplication and compression functionality should be enabled from day one.
02.	Other Parameters	Types of ports offered per node	10 GBPS : 10 GBase-SFP
		Compression & Deduplication on Disks	SSD only
		External FC storage connectivity	True
		The length of cable connecting the nodes to the switch (mtrs)	5
		Automated disaster Recovery Orchestration	True
03.	DBMS	VM-Centric policy-Based management Installation, configuration, Migration of application and database from existing hardware, Demonstration	True
		Oracle 12c DBMS Enterprise Edition	each
		-1 Processor License -RAC(Real Application Cluster)	
04.	Middleware	TMAX Middleware	Each
		-(Load Balancing) -- - 200 User License	
05	Storage	NetApp FAS3220A	Set
		Usable 10TB (RAID 6)	
Network Device			
06	SAN Switch	BROCADE BR300	Each
		8G 16 port SAN Switch	
07	L4 Switch	Piolink PAS-K2424	Each
		L4 Switch	

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Committee is of the opinion that during time of tender, if same model is not available, the latest model of similar configuration or substantially equivalents model may be accepted.

Approved by: *[Signature]*
 Date: *[Signature]*
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08	Router	CISCO WS-C3750X-24S-S -10/100/1000 UTP 8 Port -SFP TYPE FIBER 8 Port -Redundant Power Supply	Each
09	Firewall	Watch Guard XTM850 -Firewall Throughput: 8Gbps -VPN through put : 1.5 Gbps -Concurrent Session : 500,000	Each
10	Backbone Switch	CISCO WS-C4507R -Redundant Cpu Module -10/100/1000 UTP 48-port with Poe I/O Module -SFP TYPE FIBER 48 Port I/O Module	Each
11	L3 Switch	CISCO WS-C4503E-STL+48+ -10/100/1000 UPT 48 Port -SFP TYPE FIBER 16 Port	Each
12	L2 Switch	CISCO WS-C2960X-48TS-L -10/100/1000 utp 48 Port -SFP TYPE FIBER 4 Port	Each
13	L2 Switch	Netgear JGS516	Each
14	Rack	GNS P707S -42 Unit	Set

(Ashok Kumar Sharma)
ADG (Log), BSF

[Signature]

(R A Kharg) DIG
SND BSF

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(Ajay Kumar) ASDE
BSF SO

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(Srihari Subramanian) IAS
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MSSG

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(Major S. J. Singh)
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APPROVED / NOT-APPROVED

DIRECTOR GENERAL
BORDER SECURITY FORCE