

Response to bidder queries to BID NO. T-11014/33/2014-Tech/1 dated 21st November, 2014

SI	Section no.	Clause no.	Page no. Section	Existing Provision in the clause	Revised text / response
1	Section IV: Content of bid	Annexe 4.1.11 , Blade Server speciifcations	Page 14	Item 8 : Parameter Cache : specified as "2.5MB per core"	Refer corrigendum S. No. 3.1
2	Section IV: Content of Bid	Annexe 4.1.13 , Rack Server speciifcations	Page 20	Item 6 : Parameter Cache : specified as "2.5MB per core"	Refer corrigendum S. No. 12.1
3	Section V : Scope of Work	5.1.4 , Blade Server	Page 8	Each Blade Server should have two nos. of CPU of latest eight core or more per CPU with 64-bit x86 processor and having minimum 2.5 Mb of cache per core The processor should be fully binary compatible to 32-bit applications. An eight core or more cores on a single die/socket will be treated as a single processor. The server should have TPCC ratings benchmarked with SPEC Rating (Specpower_ssj2008, MIPS, Linpack, SPECint_rate_base2006 & SPECfp_rate_base2006	Refer corrigendum S. No. 3.2
4	Section V : Scope of Work	5.2.3 ,Rack Server	Page 8	Each server should have two nos. 10 (ten) core or more 64-bit x86 processor with 2.5 MB per core or higher cache per processor. .....The processor should be fully binary compatible to 32-bit applications. A ten core or more on a single die/socket will be treated as a single processor.	Refer corrigendum S. No. 3.2
5	Section V : Scope of work	4.11	Page 7	Bidder should offer latest and proven technologies that are available for items including but not limited to the Processor model with highest possible clock-speed , I/O, Memory and Cache, Tape drive capacity and bandwidth, FC interface and bandwidth, etc	Refer corrigendum S. No. 25

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6	Section 4 - Blade Server	15	Quad Port 1 Gbps Ethernet	Existing clause to be read along with corrigendum S. No. 24
7	Section 4 - Blade Server	15	Dual Port 10 Gbps Ethernet	Existing clause to be read along with corrigendum S. No. 24
8	Section 4 - Blade Server	15	HBA 8/16 Gbps Dual Port Fibre Channel HBA	Existing clause to be read along with corrigendum S. No. 24
9	Section 4 - Blade Chassis	17	Size - 10 U	Refer corrigendum S. No. 8.1
10	Section 4 - Blade Chassis	17	Blades 12	Refer corrigendum S. No. 8.3
11	Section 4 - Blade Chassis	17	Uplink Ports 10 Gbps minimum 4	Existing clause to be read along with corrigendum S. No. 24
12	Section 4 - Blade Chassis	17	Uplink Ports 1 Gbps Minimum 8	Existing clause to be read along with corrigendum S. No. 24
13	Section 4 - Blade Chassis	17	Uplink Ports 8/16 Gbps FC Ports Minimum 8	Existing clause to be read along with corrigendum S. No. 24
14	Section 4 - Blade Chassis	17	L3 Switches 1 Gbps Dual Redundant Manageable Switches with interconnect to all the blades	Existing clause to be read along with corrigendum S. No. 24
15	Section 4 - Blade Chassis	17	L3 Switches 10 Gbps Dual Redundant Manageable Switches with interconnect to all the blades	Existing clause to be read along with corrigendum S. No. 24
16	Section 4 - Blade Chassis	17	Management Ports 1Gbps/10Gbps Gbps	Existing clause to be read along with corrigendum S. No. 24
17	Section 4 - Blade Chassis	17	KVM Ports 1Gbps/10Gbps	Existing clause to be read along with corrigendum S. No. 24

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18	Section 4 - Blade Chassis	18	Dual/Redundant Back plane with no single point of failure	Refer corrigendum S. No. 8.4
19	Section 4 - Rack Server-	21	Local Disk qty 25	Refer corrigendum S. No. 10,11,12
20	Section 4 - Rack Server-	21	Raid 0, 1, 4	Refer corrigendum S. No. 12.2
21	Section 4 - Rack Server-	21	Additional Drives- Upto 24 SSD/SATA/SSD/FC Drive Support	Clause Deleted
22	Blade Chassis	17	Addition Requested	No change
23	Section 5 Scope of Work Blade Server	8	The server should have TPCC ratings benchmarked with SPEC Rating (Specpower_ssj2008, MIPS, Linpack, SPECint_rate_base2006, SPECfp_rate_base2006 scores).	Refer response to Question No. 3

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Sl	Section	Page No	Existing Clause	Revised text / response
24	Section 4 - Blade Server	15	SPECintrate_2006 - 650	Accepted. OEM may submit letters with results of the corresponding benchmark tests.
25	Section 4 - Blade Server	15	SPECfprate_2006 - 530	Accepted. OEM may submit letters with results of the corresponding benchmark tests.
26	Section 4 - Annexe – 4.1.16 - Access Switch - Management and Security	38	Existing Product(s) with which compatibility is required of the proposed product: Cisco Catalyst WS-C6509-V-E	Refer to corrigendum S. No. 15

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Sl	Section	Page No	Existing Clause	Revised text / response
27	Section 4 - Annexe – 4.1.17 - Access Switch - DC LAN	38	Existing Product(s) with which compatibility is required of the proposed product: CISCO N5K-C5548P-FA	Refer to corrigendum S. No. 16

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SI	Section No.	Clause No.	Page number in Section	Existing Provision in the Clause	Revised text / response
28	SECTION IV Annexe – 4.1.11	16	14	DIMM Size: 16GB or Higher	No change. Refer corrigendum...S. No. 1
29	SECTION IV Annexe – 4.1.11	25	15	1Gbps : Quad Port 1 Gbps Ethernet	Refer response to Q.No. 6
30	SECTION IV Annexe – 4.1.11			New Clause	Not accepted
31	SECTION IV Annexe – 4.1.12	17	18	Back Plane : Dual/Redundant with no single point of failure	Revised as: Dual/Redundant Back plane with no single point of failure or passive back plane
32	SECTION IV Annexe – 4.1.13	35	21	Raid Support : Raid 0,1,4	Refer response to Q.No. 20
33	SECTION IV Annexe – 4.1.15	63	30	Existing Product(s) with which compatibility is required of the proposed product: EMC Connectrix MDS 9148 EMC Connectrix 9513	Refer corrigendum S. No. 14

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SI	Section No.	Clause No.	Page number in Section	Existing Provision in the Clause	Revised text / response
34	SECTION IV Annexe – 4.1.16	9	31	Operating Relative Humidity range (non-condensing): 5% to 95% percent, noncondensing	Refer corrigendum S. No. 15
35	SECTION IV Annexe – 4.1.16	16	32	Memory: DRAM - 1GB or Higher Flash Memory -1GB or higher	Refer corrigendum S. No. 15
36	SECTION IV Annexe – 4.1.16	24	35	Network Protocol: DNS,DHCP,TFTP, NTP, BOOTP relay, etc	Refer corrigendum S. No. 15
37	SECTION IV Annexe – 4.1.16	27	36	Chassis should support hardware Modules like Network analysis (RMON II) etc.	Refer corrigendum S. No. 15

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38	SECTION IV Annexe – 4.1.16	63	38	Existing Product(s) with which compatibility is required of the proposed product: Cisco Catalyst WS-C6509-V-E	Refer corrigendum S. No. 15
39	SECTION IV Annexe – 4.1.17	9	39	Operating Relative Humidity range (non- condensing): 5 to 95% (noncondensing)	Refer corrigendum S. No. 16
40	SECTION IV Annexe – 4.1.17	31	41	DNS,DHCP,TFTP, NTP, BOOTP relay, layer3, routing protocols like RIP,OSPF,BGP/IS-IS for IPV4 and support for IPv6	Refer corrigendum S. No. 16

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41	SECTION IV Annexe – 4.1.17	40	42	SNMP v1, v2, v3, RMON/RMON-II enabled, SSH, telnet, GUI, Web management	Refer corrigendum S. No. 16
42	SECTION IV Annexe – 4.1.17	63	44	Existing Product(s) with which compatibility is required of the proposed product: CISCO N5K-C5548P-FA	Refer corrigendum S. No. 16

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SI	Section No.	Clause No.	Page No. in Section	Existing provision in the Clause	Revised text / response
43	IV	4.1.11	15	RHEL version 6.5	Accepted
44	IV	4.1.11	15	Support Xen, KVM, Hyper-v and other leading hypervisor	Accepted
45	IV	4.1.13	20	RHEL 6.5 Support	Accepted
46	IV	4.1.13	21	Support Xen, KVM, Hyper-v and other leading hypervisor	Accepted
47	IV	4.1.18	45	Enterprise Linux with virtualization	Refer corrigendum S. No. 17
48	IV	4.1.18	45	Enterprise Linux with virtualization	Refer corrigendum S. No. 17
49	IV	4.1.18	45	Physical Memory per server 96 GB	Refer corrigendum S. No. 17
50	IV	4.1.18	45	File System Size (each) 10 TB	Refer corrigendum S. No. 17
51	IV	4.1.18	45	Provide new version upgrades, updates, patches, etc. for all the components / sub-components through the period of contract	Refer corrigendum S. No. 17
52	IV	4.1.18	45		Refer corrigendum S. No. 17

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53	V	12	6	The Bidder should ensure that there is a 24x7 comprehensive onsite support arrangement during the currency of the contract with all the OEMs for respective components.	Refer corrigendum S. No. 17
54	V	12	9	Red-Hat Enterprise Linux-6.5 (upgrade 1 or higher)	Refer corrigendum S. No. 17
55				The tender asks for training to be provided by OEM free of cost, please clarify the number of participants, location, duration and level of training expected.	Refer corrigendum S. No. 17

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S. No.	Parameter/ Features	Technical Specification	Specification Offered	Revised text / response
56	Licenses	Server		Refer corrigendum S. No. 13
57	Advanced Intrusion Prevention/Blocking	This includes:		Refer corrigendum S. No. 13
		Buffer overflows		Refer corrigendum S. No. 13
		Trojans	This is an anti-malware feature and not a standard HIDS feature	Refer corrigendum S. No. 13
		spam filtering - based reputation based, etc	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		Content filtering and compliance	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		Unauthorized access and network worms	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		File access control and audit		Refer corrigendum S. No. 13
		Should provide the flexibility to detect and protect from both local and network attacks through log monitoring capabilities	Via Log Inspection	Refer corrigendum S. No. 13

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S. No.	Parameter/ Features	Technical Specification	Specification Offered	Revised text / response
58	Local and Network-Based Protection			Refer corrigendum S. No. 13
		Centralized management of an OS audit policy ensures that all critical servers have a consistent and effective audit policy that allows for the management of true kernel-level auditing	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
59	Audit Policy Management	The management console should unify the administration servers of enterprise protection across gateways, networks, desktops, significantly reducing demands on staff and other operational resources.		Refer corrigendum S. No. 13
60	Corrective Measures	Send An E-mail	TMCM	Refer corrigendum S. No. 13
		SMS alerts		Refer corrigendum S. No. 13
		Prevent Access	TMCM	Refer corrigendum S. No. 13
				Refer corrigendum S. No. 13
61	Support	Will the proposed product/solution reach End-of-support during the currency of contract?		Refer corrigendum S. No. 13
			This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
62	Centralized OS and patch management			Refer corrigendum S. No. 13
63	Centralized policy enforcement		TMCM supports SNMP protocol	Refer corrigendum S. No. 13

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S. No.	Parameter/ Features	Technical Specification	Specification Offered	Revised text / response
64	Support the industry leading network management frameworks like Open view, Tivoli, etc.	Proposed product should be compatible with existing product: McAfee HIPS for servers		Refer corrigendum S. No. 13
65	Compatibility with existing product			Refer corrigendum S. No. 13

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	Parameter/ Features	Technical Specification	Specification Offered	Revised text / response
66	Licenses	Server		Refer corrigendum S. No. 13
67	Advanced Intrusion Prevention/Blocking	This includes:		Refer corrigendum S. No. 13
		Buffer overflows		Refer corrigendum S. No. 13
		Trojans	This is an anti-malware feature and not a standard HIDS feature	Refer corrigendum S. No. 13
		spam filtering - based reputation based, etc	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		Content filtering and compliance	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		Unauthorized access and network worms	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
		File access control and audit		Refer corrigendum S. No. 13
		Should provide the flexibility to detect and protect from both local and network attacks through log monitoring capabilities	Via Log Inspection	Refer corrigendum S. No. 13
68	Local and Network-Based Protection			Refer corrigendum S. No. 13

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	Parameter/ Features	Technical Specification	Specification Offered	Revised text / response
		Centralized management of an OS audit policy ensures that all critical servers have a consistent and effective audit policy that allows for the management of true kernel-level auditing.	This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
69	Audit Policy Management	The management console should unify the administration servers of enterprise protection across gateways, networks, desktops, significantly reducing demands on staff and other operational resources.		Refer corrigendum S. No. 13
70	Corrective Measures	Send An E-mail	TMCM	Refer corrigendum S. No. 13
		SMS alerts		Refer corrigendum S. No. 13
		Prevent Access	TMCM	Refer corrigendum S. No. 13
71	Support	Will the proposed product/solution reach End-of-support during the currency of contract?		Refer corrigendum S. No. 13
			This is not a standard HIDS feature and too specific to a single vendor hence requested to be amended	Refer corrigendum S. No. 13
72	Centralized OS and patch management			Refer corrigendum S. No. 13
73	Centralized policy enforcement		TMCM supports SNMP protocol	Refer corrigendum S. No. 13
74	Support the industry leading network management frameworks like Open view, Tivoli, etc.	Proposed product should be compatible with existing product: McAfee HIPS for servers		Refer corrigendum S. No. 13
75	Compatibility with existing product			Refer corrigendum S. No. 13

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S. No.	Section No.	Clause No.	Page number in Section	Existing Provision in the Clause	Revised text/ response
76	General (Consortium)				No change
77	2	19.1 xi	11 of Section II	The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation, integration and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014. For each of such orders, the Bidder should submit the following:-	No change
78	2	19.1 xi	11 of Section II	The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation, integration and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014. For each of such orders, the Bidder should submit the following:-	No change

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S. No.	Section no.	Clause no.	Page no.	Existing Provision in the clause	Revised text / response
79	Section IV	Annexe – 4.1.18	45	RHEL 6.5	Refer corrigendum S. No. 17
80	Section IV	Annexe – 4.1.13	20	RHEL 6.5 Support	Refer corrigendum S. No. 17
81	Section IV	Annexe – 4.1.11	15	RHEL 6.5 Support	Refer corrigendum S. No. 17
82	Section IV	Annexe – 4.1.19	47	Linux (Enterprise Editions Proposed and RHEL 5,x, 6.x)	Refer corrigendum S. No. 17
83	Section V	8	5	LINUX OS Enterprise Edition	Refer corrigendum S. No. 17
84	Section V	Section V 11.2.2 - other services	14	Installation and configuration of RHEL 6.5 and HIPs/HIDS on each of the servers.	Refer corrigendum S. No. 13

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85	Section IV - Annexe 4.1.12	3 - Chassis	17	Size - 10U and 12 or higher halfblades	Refer corrigendum S. No. 8.1
86	Section IV - Annexe 4.1.12	10 - Interconnect	17	L3 Switches 1Gbps dual redundant manageable switches with interconnect to all blades	No change
87	Section IV - Annexe 4.1.13	3- Processor	20	E5-2650 V3 or higher 10 cores, 2.3 GHz etc	No change
88	Section IV - Annexe 4.1.13	34- Array Controller	21	Smart Array Controller with battery backed up cache	No change
89	Section IV - Annexe 4.1.14	36- Array Controller - Additional drives	21	upto 24 SSD/SATA/SSD/FC drive support	Refer response to Q. No. 21

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S. No.	SI	Section No.	Clause No.	Existing provision in the clause				Revised text / response
90	Conditions for Pre-Qualification of Bidders	Page # 10, Point # 19.i. (viii)	The OEM of Server and Networking equipments quoted by the bidder, should have average annual turnover of Rs.10,00,00,00,000/- (Rupees One Thousand Crores) from sales of Servers and Networking equipments in the last three financial years ending 31.03.2014. The average turnover refers to the average turnover of the OEM company and not the composite turnover of its subsidiaries/sister concerns, etc. The bidder must submit copy of the Audited Balance Sheets and Profit & Loss Account Statement for last 3 financial years ended on 31.03.2014 along with the bid. However, in the case of no-availability of audited balance sheets, a Certificate from the Statutory Auditor/Chartered Accountant of the OEM's Company certifying the turnover of the OEM in the last three financial years would be acceptable.					No change
91	Blade Server	Annexe – 4.1.11 13	Capacity	128GB	GB	Y	128GB	No change
92	Blade Server	Annexe – 4.1.11 14	Speed	2133Mhz	Mhz	Y	2133Mhz	No change
93	Blade Server	Annexe – 4.1.11 15	Type	DDR4		Y		No change
94	Blade Server	Annexe – 4.1.11 16	DIMM Size	16GB or higher		Y	16GB	No change
95	Blade Server	Annexe – 4.1.11 17	Min Free Slots (when 256GB RAM populated)	8		Y		Refer corrigendum S. No. 1
96	Blade Server	Annexe – 4.1.11 18	Upgradability to	512GB or Higher		Y	1,536GB RAM	No change
97	Blade Server	Annexe – 4.1.11 19	Memory Channels	4		Y		No change
98	Blade Server	Annexe – 4.1.11 20	Memory Bandwidth	64Gbps or higher		Y		No change

99	Blade Server	Annexe – 4.1.11_25	Network	1Gbps	Quad Port 1 Gbps Ethernet		Y	No change
100	Blade Server	Annexe – 4.1.11_26		10 Gbps	Dual Port 10 Gbps Ethernet		Y	No change
101	Blade Server	Annexe – 4.1.11_27	HBA	8/16 Gbps	Dual Port Fibre Channel HBA		Y	No change
102	Blade Server	Annexe – 4.1.11_36		SPECintrate_2006	650			Accepted
103	Blade Server	Annexe – 4.1.11_37		SPECfprate_2006	530			Accepted
104	Blade Chassis	Annexe – 4.1.12_07		Uplink Ports	10 Gbps minimum 4	Gbps	Y	No change
105	Blade Chassis	Annexe – 4.1.12_08		Uplink Ports	1 Gbps Minimum 8	Gbps	Y	No change
106	Blade Chassis	Annexe – 4.1.12_09		Uplink Ports	8/16 Gbps FC Ports Minimum 8	Gbps	Y	No change

107	Blade Chassis	Annexe – 4.1.12_10	Interconnect	L3 Switches	1 Gbps Dual Redundant Manageable Switches with interconnect to all the blades	Gbps	Y	No change
108	Blade Chassis	Annexe – 4.1.12_11		L3 Switches	10 Gbps Dual Redundant Manageable Switches with interconnect to all the blades	Gbps	Y	No change
109	Blade Chassis	Annexe – 4.1.12_to be added	Chassis Management module					Refer corrigendum S. No. 8.2
110	Blade Chassis	Annexe – 4.1.12_14	Power Supply	Dual Redundant N+1, dual power source		Y	Can offer N+1 or N+N for both Power supplies and fans	Refer corrigendum S. No. 5
111	Blade Chassis	Annexe – 4.1.12_15	Fans	Redundant N+1		Y		Refer corrigendum S. No. 8

112	Blade Chassis	Annexe – 4.1.12_17		Back Plane	Dual/Redundant with no single point of failure		N	Refer response to Q.No. 31
113	Rack Server	Annexe – 4.1.13_35	Raid Support	Raid 0,1,4		Partially Complied	RAID 0,1,10,5	Refer response to Q.No. 20
114	Rack Server	Annexe – 4.1.13_36	Additional Drives	Upto 24 SSD/SATA/SSD/FC Drive Support		Y	Via external expansion units	Refer corrigendum S. No. 12
115	Rack Server	Annexe – 4.1.13_40	Specintrate_2006	810			Reports will be submitted	Yes
116	Rack Server	Annexe – 4.1.13_41	Specfprate_2006	630			Reports will be submitted	Yes
117	Access Switch - Management and Security	Annexe – 4.1.16	Number of switches					Refer corrigendum S. No.
118	Access Switch - Management and Security	Annexe – 4.1.16	Architecture	Chassis based Multilayer Switch with sufficient modules/line cards to fit required transceivers/UTP ports. Chassis shall have minimum 7 usable slots and dual switching engines. Non blocking architecture with statefull failover		Partially complied	Non blocking architecture with cut thorough switching architecture	Refer corrigendum S. No.

119	Access Switch - Management and Security	Annexe – 4.1.16	Switches should be proposed with redundant supervisor/CPU/Switching fabric,power supplies and fans etc	Yes	Yes/No	Partially complied	Redundant power supplies and Fans with All other redundancy features in switch operating system	Refer corrigendum S. No
120	Access Switch - Management and Security	Annexe – 4.1.16	Primary and redundant management module with statefull failover and one of the CPU module should not affect the performance of the switch	Yes	Yes/No	Partially complied	Redundant power supplies and Fans with All other redundancy features in switch operating system	Refer corrigendum S. No
121	Access Switch - Management and Security	Annexe – 4.1.16	Ports	32- RJ 45, 10/100/1000 Autosensing, 8 - 10G Ports - Switch should be either standalone or clustered (not more than 2 switches, without impacting the overall performance/throughput, availability and ports)	Units	Y	48x 10G ports (SR,LR,ZR) which are backward compatible to (1G BaseT, SX, LX, ZX) + 4x40G	Refer corrigendum S. No

122	Access Switch - Management and Security	Annexe – 4.1.16	Deep inspection Firewall (internal/external) capability with 4Gig performance and scalable for non-blocking operation for 10Gig interfaces -	Yes	Yes/No	Partially Complied	Advanced port security features, BGP Multi-hop TTL Security (eBGP multi-hop)	Refer corrigendum S. No
123	Access Switch - Management and Security	Annexe – 4.1.16	IPS capability (internal/external) with minimum 500Mbps inline prevention. Access lists to limit telnet and SNMP access	Yes	Yes/No	Partially Complied	SNMP ACL, Management ACLs	Refer corrigendum S. No
124	Access Switch - Management and Security	Annexe – 4.1.16	Firewall module (internal/external)	Yes	Units	Not Complied	Advanced port security features, BGP Multi-hop TTL Security (eBGP multi-hop)	Refer corrigendum S. No

125	Access Switch - Management and Security	Annexe – 4.1.16	VM-Aware Networking	The switch should support VM aware networking in order to detect virtual machine movement between physical servers		Y	The switch support VM aware networking	Refer corrigendum S. No
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126	Access Switch - Management and Security	Annexe – 4.1.16	Converged fabric	The switch should support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode		Y	The switch support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode	Refer corrigendum S. No
127	Access Switch - Management and Security	Annexe – 4.1.16	OpenFlow enabled	The switch should support open flow protocol to bolster the software defined networking environment		Y	Support Openflow 1.3.1	Refer corrigendum S. No

128	Access Switch - Management and Security	Annexe – 4.1.16	Stacking	The switch should support stacking of minimum 6 switches. The stack bandwidth should be 160 Gbps		Y	support stacking of minimum 6 switches. The stack bandwidth should be 160 Gbps	Refer corrigendum S. No
129	Access Switch - DC LAN	Annexe – 4.1.17	Number of switches	DC-LAN Switch				Refer corrigendum S. No
130	Access Switch - DC LAN	Annexe – 4.1.17	10G/Gigabit Ethernet port	40 ports -10g, 4 ports - 1G, 4 ports - FC. Switch should be either standalone or clustered (not more than 3 switches, without impacting the overall performance/throughput, availability and ports)		Y	40 ports - 10g, 4 ports - 1G, 12 ports - FC. Switch should be either standalone or clustered (not more than 3 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No

131	Access Switch - DC LAN	Annexe – 4.1.17	Datacenter bridging exchange, ieee 802.1Qbb and ieee802.1Qaz	The switch should support Data Center Bridging, FIP Snooping, PFC , ETS, FCoE , FCoE LAG, FIP Snooping ACL		Y	switch support Data Center Bridging, FIP Snooping, PFC , ETS, FCoE , FCoE LAG, FIP Snooping ACL	Refer corrigendum S. No
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132	Access Switch - DC LAN	Annexe – 4.1.17	VM-Aware Networking	The switch should support VM aware networking in order to detect virtual machine movement between physical servers		Y	The switch support VM aware networking	Refer corrigendum S. No
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133	Access Switch - DC LAN	Annexe – 4.1.17	Converged fabric	The switch should support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode		Y	The switch support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode	Refer corrigendum S. No
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Response to bidder queries to BID NO. T-11014/33/2014-Tech/1 dated 21st November, 2014

Sr. No	Section No.	Clause No.	Page number in Section	Existing Provision in the Clause	Revised text / response
134	V	13.2	13.2.2	<p>The Acceptance of the systems shall be provided by UIDAI only after the following conditions have been met successfully to the satisfaction of UIDAI.</p> <p>(i) Successful operation of the systems for a month after complete integration and commissioning of the systems.</p> <p>(ii) Completion of all the documentation required as part of this bid and as desired by UIDAI to the satisfaction of UIDAI.</p> <p>(iii) Installation and Configuration of all the components as per schedule of requirements including, but not limited to, hardware, software, devices, accessories, etc to the satisfaction of UIDAI at Data Centre at Hebbal (Bengaluru) and Manesar (Haryana) and successful testing of all components.</p>	No change
135	V	11.4	11.4.1	The warranty period shall commence from the date of acceptance of the system.	No change

136	V	11.4	11.4.2	This contract for "Supply, Installation, Commissioning, Integration and Maintenance of Servers and Accessories" shall be valid for a total period of 5 (Five) Years, including warranty period of 3 years (36 months) in respect of Servers, Blade Chassis and 1 year (12 months) in respect of all other Goods, after the Goods, or any portion thereof as the case may be, have been delivered (and commissioned) to the final destination indicated and accepted as part of the scope of this bid. The Contract Period is extendable up to 3 Years on same terms and conditions of this contract at the sole discretion of the Purchaser. The warranty period shall commence from the date of		No change
137	IV		15, Content of Bids	3 years warranty with 24x7 onsite support, 99.9% uptime, 4 Hr resolution time		Revised as: 3 years warranty with 24x7 onsite support, 99.9% uptime. Service levels shall be as specified in Section V - Clause 11.6 .

138	V	11.6	17	If the successful bidder fails to meet one or more of the above Service Levels within the Target time limit(s) as specified in Table 20.1 above on more than One Incident per quarter, the Purchaser shall without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5 percent per Incident for which service levels are not met of the equal quarterly installments payable for that quarter, up to maximum deduction of 10% of the equal quarterly installment payable for that quarter. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to Section III – Clause 21		No change
139	III	8.1	7, 8.1 g	Provision of 1(one) Resident Engineer/Technician at each of the two Data Centres on a 24x7 basis for maintenance support for the duration of Contract Period		Resident Engineer is required to be deployed from date of contract. The RE will be required to provide support activities as may be required from time to time as directed by UIDAI including warranty administration related activities.
140	IV	Annexure 4.1.13	21	Parameter- Interface, Requirement - 6 Gbps/12Gbps SAS/SATA		6 Gbps/12 Gbps is the interconnect between the host to the disk system interface. It is not the aggregated backend throughput.

141	V	11.1.2, (iv)	10	Commissioning of all new as well as relocated infrastructure		Refer corrigendum S. No. 21
142	V	11.2.1, (i)	12	The selected Bidder, along with UIDAI and Managed Service Provider (MSP) of UIDAI, shall undertake pre-installation planning at both the locations including but not limited to Rack planning, structure cabling, power points, check on utility services, environmental conditions, etc.		Rack Grounding and connecting to Signal Reference Grid has to be done by the respective rack vendor/bidder. However other site-readiness like Power cabling, LAN /Fibre cabling etc shall be under the scope of another UIDAI appointed Agency. The bidder has to co-ordinate with the agency appointed by UIDAI for deployment of the equipment as per the Network Architecture/ Layout shared by UIDAI. Datacentre environmental conditions shall be under the scope of agency appointed for the purpose by UIDAI.
143	V	11.2.1, (x)	13	The selected bidder shall provide assistance to the Application Vendor during installation of Database software. The tuning of appropriate parameters in this software to ensure optimal performance shall also be undertaken by the bidder.		Refer corrigendum S. No. 22

144	V	11.2.2, (i)	13	<p>The selected bidder shall be fully responsible for ensuring that the components supplied are compatible with existing software and hardware deployed in CIDR.</p> <p>In case of any non-compatibility of components proposed in the bid, the bidder shall be responsible for supply of the necessary components such that their interoperability and compatibility are ensured.</p>		No change. Details shall be shared with the selected bidder.
145	V	11.2.2, (viii), d	14	<p>Deployment of the racks as per deployment plan along with PDUs. Survey the data centers and determine in consultation with UIDAI/MSP the appropriate floor deployment for the racks. The bidder shall be responsible for integration of the PDUs with the current Enterprise Management System being used in the data centers.</p>		<p>Yes, bidder's scope includes integration of PDUs with existing EMS. Refer page 4 - Section 3.1 - Table - Row S. No. 10. The bidder is required to provision as many PDUs/ sockets as required for the number of chassis, blade servers and rack servers supplied under this contract. The bidder is fully responsible for provisioning the required number of PDUs and their integration with EMS.</p>
146	V	11.2.2, (viii), e	14	<p>Deployment and hardening of blade and rack servers as required.</p>		<p>Yes bidder's scope includes OS Hardening. UIDAI shall share the required guidelines with the selected bidder.</p>

147	V	11.5.1	17	The bidder shall be responsible for tasks including but not limited to configuration and setting up of Servers, Server Chassis, Racks, etc. The Bidder shall also be responsible for executing hardware and software updates when necessary. These services shall be provided at the time of installation and commissioning and thereafter on ongoing basis		Bidder's scope is limited to hardware & software updates whenever required during contract period, post acceptance. Post acceptance hardware reconfiguration services shall be required.
148	III	8.1, (f)	7	Conduct of training of the Purchase's personnel, at He b b al (Bengaluru) and Manesar (Haryana) on-site in assembly, start-up, configuration, operation, maintenance of the supplied Goods.		No change. Details shall be shared with the selected bidder. UIDAI will provide the training facility and required infrastructure at it's premises. There will be 50 participants for 10 days.
149	V	13.2.2, (ii)	19	Completion of all the documentation required as part of this bid and as desired by UIDAI to the satisfaction of UIDAI.		No change. Details will be shared with selected bidder.
150	11.2.	11.2.2.	13	Any component before it gets deployed in the Data Centre has to be assembled as per the given configuration and tested in the pre-production staging environment.		Since Bulk installation is required, staging location will be same as final installation location. Equipment has to be delivered in Equipment handling room of respective DCs and during installation this has to be moved to the installation location of the equipment wrt the deployment plan. Test cases shall be prepared by the successful bidder and submitted to UIDAI for review, update and

151	V	13.1.3, (iv)	19	Integration of all the supplied hardware and software with the existing IT Infrastructure as per requirement of UIDAI.		No change. Details shall be provided with the selected bidder. The selected bidder has to coordinate and collaborate with the existing MSP for these activities.
152	V	11.2.2, (xiv)	15	Upon completion of deployment of the required hardware, network connections, OS and security components, the selected bidder shall be required to perform a systematic and complete handover the infrastructure to MSP for ongoing operations and maintenance as per instructions provided by UIDAI.		No change. Details shall be provided with the selected bidder. The selected bidder has to coordinate and collaborate with the existing MSP for these activities.
153	V	11.2.2	15	In addition to the above, the selected bidder shall be responsible for performance of any and all additional activities as may be required successful achievement of UIDAI's objectives associated with this procurement in full compliance with instructions as may be issued by UIDAI during the tenure of this contract		No change
154	IV	Annexe 4.1.11	15	RHEL version 6.5		Refer response to Q. No. 43
155	IV	Annexe 4.1.11	15	Support Xen, KVM, Hyper-v and other leading hypervisor		Refer response to Q. No. 44

156	IV	Annexe 4.1.13	20	RHEL version 6.5		Refer response to Q. No. 45
157	IV	Annexe 4.1.13	20	Support Xen, KVM, Hyper-v and other leading hypervisor		Refer response to Q. No. 46
158	IV	Annexe 4.1.18	45	Enterprise Linux with virtualization		Refer corrigendum S. No. 17
159	IV	Annexe 4.1.18	45	Enterprise Linux with virtualization		Refer corrigendum S. No. 17
160	IV	Annexe 4.1.18	45	Physical Memory per server 96 GB		Refer corrigendum S. No. 17
161	IV	Annexe 4.1.18	45	File System Size (each) 10 TB		Refer corrigendum S. No. 17
162	IV	Annexe 4.1.18	45	Provide new version upgrades, updates, patches, etc. for all the components / sub-components through the period of contract		Refer corrigendum S. No. 17
163	IV	Annexe 4.1.18	45	Support		Refer corrigendum S. No. 17
164	V	4.6	6	The Bidder should ensure that there is a 24x7 comprehensive onsite support arrangement during the currency of the contract with all the OEMs for respective components.		Refer corrigendum S. No. 17

165	V	8.1	9	Red-Hat Enterprise Linux-6.5 (upgrade 1 or higher)		Refer corrigendum S. No. 17
166	V	12.2	18	All items should be installed, configured and commissioned within two weeks from the date of delivery of equipments at the respective sites.		No change. Site-wise distribution will be shared with the selected bidder.
167	V	13.1.3, (iii), (v)	19	Successful testing of all components individually. Successful testing of the integrated system with the existing IT Infrastructure of UIDAI.		Details shall be shared with the successful bidder
168	V			Passive Component		The requirement for passive cabling is CAT6a UTP and fiber Multi Mode (MM-OM3).

169	II	31	16	UIDAI's Right to Vary Scope of Contract at the time of Award	The UIDAI may at any time, by a written order given to the Bidder pursuant to Clause 15 of Section III – General Conditions of Contract, make changes within the general scope of the Contract. Accordingly, the UIDAI reserves the right to place repeat order(s) within the Contract Period, of up to 25% of the Contract value. In case of any increase/ decrease in quantities of any item, the Technical Service Charges, if any quoted, shall be correspondingly increased/ decreased on	No change
170	II	34	17	Signing of Contract	34.2 Within 15 days of receipt of the Contract Form, the successful Bidder shall sign and date the Contract and return it to the UIDAI.	No change

171	III	2	4	Application	2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.	No change
172	III	12.1.5	8	Warranty	<p>12.1.1 The Vendor warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Vendor further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Vendor, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.</p> <p>12.1.2 This warranty shall remain valid, for 3 Years (36 months) in respect of</p>	No change

173	III	12.2	8	Period of Contract	12.2.1 This contract for "Supply, Installation, Commissioning, Integration and Maintenance of Servers and Accessories" shall be valid for a total period of 5 (Five) Years, including warranty period of 3 years (36 months) in respect of Servers, Blade Chassis and 1 year (12 months) in respect of all other Goods, after the Goods, or any portion thereof as the case may be, have been delivered (and commissioned) to the final destination indicated and accepted as part of the scope of this bid. The Contract Period is extendable up to 3 Years on same terms and conditions of this contract at the sole discretion of the Purchaser. The warranty period shall commence from the date of acceptance of the system.	No change
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174	III	13	8 & 9	Payment	10% on delivery of equipments and accessories for all phases (if any) 50% on Installation and satisfactory commissioning of all Goods/ Services for all phases (if any). 30% on Acceptance 10% Balance to be disbursed on 12 (twelve) equal quarterly installments after completion of each quarter from commencement of	No change
175	III	15.1	9	Change Orders	(e) increase/ decrease quantities of goods	No change
176	III	15.2	9	Change Orders	..... ..... Any claims by the Vendor for adjustment under this Clause must be asserted within thirty days from the date of the Vendor's receipt of the Purchaser's change order.	No change

177	III	19.2	10	Delays in the Vendor's Performance	An un-excused delay by the Vendor in the performance of its delivery obligations shall render the Vendor liable to any or all of the following sanctions: forfeiture of its performance security, imposition of liquidated damages, and/or termination of the Contract for default	No change
178	III	20.1	10	Liquidated Damages	..... ..... up to maximum deduction of 10% of the contract price.	No change
179	III	20.1	10	Liquidated Damages	..... ..... . Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to Clause 21.	No change
180	III	20.2	10	Liquidated Damages	..... maximum deduction of Ten (10) percent of the Contract price.....	No change

181	III	20.3	11	Liquidated Damages up to maximum deduction of 10% of the equal quarterly installment payable	No change
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182	III	21	11	Termination for Default	<p>21. Termination for Default</p> <p>21.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Vendor, terminate the Contract in whole or in part:</p> <p>(a) If the Vendor fails to deliver any or all of the Goods/Services within the time period(s) specified in the Contract, or any extension thereof granted by the Purchaser pursuant to Clause 19; OR</p> <p>(b) If the Vendor fails to perform any other obligation(s) under the contract.</p> <p>21.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to Clause 21.1 the Purchaser may procure, upon such terms</p>	No change
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183	III	24	12	Termination for Convenience	24.1 The Purchaser may by written notice sent to the Vendor, terminate the Contract, in whole or in part at any time of its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective.	No change
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184	III	31	14	Price Fail	31.1 The prices charged for goods and services supplied under this contract by the Vendor shall in no event exceed the lowest price at which the Vendor sells the Goods/ Services or offers to sell Goods/ Services of identical description to any persons/organizations including the Purchaser or any department of the Central or State Government or any statutory undertaking of the Central or State Govt., as the case may be, during the currency of the	No change
185	III	33	14	Passing of Property	33.1 Ownership shall not pass to the Purchaser unless and until the Goods have been delivered, installed and accepted, in accordance with the conditions of the contract to the entire satisfaction of the Purchaser.	No change

186	III	36	15	Taxes and Duties	..... ..... If there is any reduction/ i n c r e a s e in duties and taxes due to any reason whatsoever, after Notification of Award, the same shall be passed on to the Purchaser/ Vendor .	No change
187	III	38	15	"No Claim" Certificate	38.1 The Vendor shall not be entitled to make any claim whatsoever against the Purchaser under or by virtue of or arising out of this contract, nor shall the Purchaser entertain or consider any such claim, if made by the Vendor after he shall have signed a "No claim" certificate in favour of the Purchaser in such forms as shall be required by the Purchaser after the works are finally accepted.	No change

188	III	new	NA	Limitation of Liability	Kindly Add	Not accepted
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189	IV	Annex 4.1.7	10	Warranty	<p>We warrant that everything to be supplied by us hereunder shall be brand new, free from all encumbrances, defects and faults in material, workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for materials of the type ordered shall be full conformity with the specifications, drawings or samples, if any, and shall operate properly. We shall be fully responsible for its efficient and effective operation. This warranty shall survive inspection of and payment for, and acceptance of the goods, but shall expire after 3 Years (36 months) in respect of Servers, Blade Chassis and 1 Year (12 months) in respect of all other goods, after their</p>	No change
190		To be added		Road Permit & E -Sugam Form		Not considered

191	III	19.2	10	Delays in the Vendor's Performance	An un-excused delay by the Vendor in the performance of its delivery obligations shall render the Vendor liable to any or all of the following sanctions: forfeiture of its performance security, imposition of liquidated damages, and/or termination of the Contract for default	No change
192	III	21.2	11	Termination for Default	In the event the Purchaser terminates the Contract in whole or in part, pursuant to Clause 21.1 the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered, and the Vendor shall be liable to the Purchaser for any excess costs for such similar Goods including the efforts of the Purchaser for such arrangement. However, the Vendor shall continue performance of the Contract to the extent not terminated.	No change

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SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
193	RFP_Sec_I_2014 -	page 3	11	<p>The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014 . For each of such order, the bidder should submit the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Copy of each such purchase order clearly indicating the value of the Order. <input type="checkbox"/> A certificate in original from the Statutory Auditor/Chartered Accountant / Company Secretary/ Director of the bidder's company indicating and certifying the value of the components relating to Networking, Security Systems and Accessories . <input type="checkbox"/> A copy of certificate from respective customers indicating satisfactory execution of such order/contract of customer. 	No change

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
194	RFP_Sec_I_ 2014 -	page 3	11	<p>The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014 .</p> <p>For each of such order, the bidder should submit the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Copy of each such purchase order clearly indicating the value of the Order. <input type="checkbox"/> A certificate in original from the Statutory Auditor/Chartered Accountant / Company Secretary/ Director of the bidder's company indicating and certifying the value of the components relating to Networking, Security Systems and Accessories . <input type="checkbox"/> A copy of certificate from respective customers indicating satisfactory execution of such order/contract of customer. 	No change

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
195	RFP_Sec_III _2014 -	page 8	13	<p>13.1 The payment terms are as follows (which shall be subject to the following conditions):</p> <p>A. One Time Non-Recurring Costs (Annexure 4.2.3 refers)</p> <p>i) 10% against delivery of all equipments and accessories for all phases (if any).</p> <p>ii) 50% against installation and satisfactory commissioning of all Goods/ Services for all phases (if any).</p> <p>iii) 30% against acceptance testing of Goods/ Services as per Section V – Clause 13 for entire system including all phases (if any). In case the acceptance test of the Goods/Services is delayed or put off beyond 90 days of the receipt of the equipment at Purchaser's sites (as per Appendix F) due to express written instructions of the Purchaser, this amount may be released to the Vendor on his furnishing a necessary Bank Guarantee on stamp paper of requisite value of an equivalent amount from any of the Scheduled Bank.</p> <p>iv) Balance 10% to be disbursed on 12 (twelve) equal quarterly installments after completion of each quarter from commencement of warranty period.</p> <p>v) No payment shall, however, accrue until after the Performance Guarantee</p>	No change

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
196	HCL Technologies Ltd.	RFP - Section - III	page 10	<p>20. Liquidated Damages</p> <p>20.1 Subject to Clause 22, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the time period(s) specified in the Contract, the Purchaser shall without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the 0.5 per cent per week (Seven Days) or part thereof of the contract price of the delayed Goods or unperformed Services for each week (Seven Days) or part thereof of delay until actual delivery or performance, up to maximum deduction of 10% of the contract price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to Clause 21.</p> <p>20.2 In the event of failure of the Vendor to secure acceptance of equipment by the Purchaser, within one hundred and twenty (120) days after arrival at site, it is agreed that the Purchaser reserves the option to recover from the</p>	
197	RFP_Sec_V_2014 -	page 18	12.2	<p>Implementation Schedule :- All items should be installed, configured and commissioned within two weeks from the date of delivery of equipment's at the respective sites.</p>	No change

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
198	RFP_Sec_V_2014 -	page 11	11.1.8	UIDAI shall provide necessary space and required infrastructure . However, UIDAI shall not provide for any Desktops, Printers, Stationary, etc. required by the resources for providing services under this contract	WAN connectivity between DC locations is not in the scope of this RFP
199	RFP_Sec_V_2014 -	page 11	11.1.8	UIDAI shall provide necessary space and required infrastructure . However, UIDAI shall not provide for any Desktops, Printers, Stationary, etc. required by the resources for providing services under this contract.	Refer corrigendum S. No. 14, 15, 16
200	RFP_Sec_V_2014 -	page 11	11.1.8	UIDAI shall provide necessary space and required infrastructure . However, UIDAI shall not provide for any Desktops, Printers, Stationary, etc. required by the resources for providing services under this contract	Refer response to Q. No. 142
201	RFP_Sec_V_2014 -	page 13	11.2.2 - i	The selected bidder shall be fully responsible for ensuring that the components supplied are compatible with existing software and hardware deployed in CIDR. In case of any non-compatibility of components proposed in the bid, the bidder shall be responsible for supply of the necessary components such that their interoperability and compatibility are ensured.	Refer corrigendum S. No. 14, 15, 16

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
202	RFP_Sec_V_2014 -	page 14	11.2.2 - x	Any component before it gets deployed in the Data Centre has to be assembled as per the given configuration and tested in the pre-production staging environment. The bidder must provide a list of tests to be carried out from point of view of functionality, performance, availability through clustering, security and manageability. Test reports have to be maintained for each component. It is possible that some tests have to be postponed to the integration step.	Since Bulk installation is required, staging location will be same as final installation location. Equipment has to be delivered in Equipment handling room of respective DCs and during installation this has to be moved to the installation location of the equipment wrt the deployment plan
203	RFP_Sec_I_V_2014 -	Annexure 4.1.19; HIDS Specifications	52	Point No. 16; Compatibility with existing product-Proposed product should be compatible with existing product: McAfee HIPS for servers	Refer corrigendum S. No. 13
204	RFP_Sec_I_V_2014 -	Annexure 4.1.19; HIDS Specifications	48	Point no.5; spam filtering - based reputation based, etc	Refer corrigendum S. No. 13
205	RFP_Sec_I_V_2014 -	Annexure 4.1.19; HIDS Specifications	48	Point no.5;Content filtering and compliance	Refer corrigendum S. No. 13

SI No.	Reference	Page No.	Clause No.	Clause	Revised text / response
206	RFP_Sec_I V_2014 -	Annexure 4.1.19; HIDS Specifica tions	51	Point No. 13; Centralized OS and patch management	Refer corrigendum S. No. 13
207	Generic				Refer corrigendum S. No. 13
208	Generic				Refer corrigendum S. No. 13

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S. no.	Component	RFP Section	Parameter	Requirement	Revised text / response
209	Blade Chassis	Annexe – 4.1.12_11		L3 Switches	No change requested
210	Blade Chassis	Annexe – 4.1.12_to be added	Chassis Management module		Refer corrigendum S. No. 8.2
211	Blade Chassis	Annexe – 4.1.12_14	Power Supply	Dual Redundant N+1, dual power source	Refer corrigendum S. No. 5
212	Blade Chassis	Annexe – 4.1.12_15	Fans	Redundant N+1	Refer corrigendum S. No. 8
213	Blade Chassis	Annexe – 4.1.12_17		Back Plane	Refer response to Q.No. 31
214	Rack Server	Annexe – 4.1.13_35	Raid Support	Raid 0,1,4	Refer response to Q.No. 20
215	Rack Server	Annexe – 4.1.13_36	Additional Drives	Upto 24 SSD/SATA/SSD/FC Drive Support	Refer corrigendum S. No. 12
216	Rack Server	Annexe – 4.1.13_40	Specintrate_2006	810	Yes
217	Rack Server	Annexe – 4.1.13_41	Specfprate_2006	630	Yes

218	Access Switch - Management and Security	Annexe – 4.1.16	Number of switches		Refer corrigendum S. No. 15
219	Access Switch - Management and Security	Annexe – 4.1.16	Architecture	Chassis based Multilayer Switch with sufficient modules/line cards to fit required transceivers/UTP ports. Chassis shall have minimum 7 usable slots and dual switching engines. Non blocking architecture with statefull failover	Refer corrigendum S. No. 15
220	Access Switch - Management and Security	Annexe – 4.1.16	Switches should be proposed with redundant superervisor/CPU/Switc hing fabric,power supplies and fans etc	Yes	Refer corrigendum S. No. 15

221	Access Switch - Management and Security	Annexe – 4.1.16	Primary and redundant management module with statefull failover and one of the CPU module should not affect the performance of the switch	Yes	Refer corrigendum S. No. 15
222	Access Switch - Management and Security	Annexe – 4.1.16	Ports	32- RJ 45, 10/100/1000 Autosensing, 8 - 10G Ports - Switch should be either standalone or clustered (not more than 2 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No. 15

223	Access Switch - Management and Security	Annexe – 4.1.16	Deep inspection Firewall (internal/external) capability with 4Gig performance and scalable for non- blocking operation for 10Gig interfaces -	Yes	Refer corrigendum S. No. 15
224	Access Switch - Management and Security	Annexe – 4.1.16	IPS capability (internal/external) with minimum 500Mbps inline prevention. Access lists to limit telnet and SNMP access	Yes	Refer corrigendum S. No. 15
225	Access Switch - Management and Security	Annexe – 4.1.16	Firewall module (internal/external)	Yes	Refer corrigendum S. No. 15

226	Access Switch - Management and Security	Annexe – 4.1.16	VM-Aware Networking	The switch should support VM aware networking in order to detect virtual machine movement between physical servers	Refer corrigendum S. No. 15
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227	Access Switch - Management and Security	Annexe – 4.1.16	Converged fabric	The switch should support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode	Refer corrigendum S. No. 15
228	Access Switch - Management and Security	Annexe – 4.1.16	OpenFlow enabled	The switch should support open flow protocol to bolster the software defined networking environment	Refer corrigendum S. No. 15

229	Access Switch - Management and Security	Annexe – 4.1.16	Stacking	The switch should support stacking of minimum 6 switches. The stack bandwidth should be 160 Gbps	Refer corrigendum S. No. 15
230	Access Switch - DC LAN	Annexe – 4.1.17	Number of switches	DC-LAN Switch	Refer corrigendum S. No. 16
231	Access Switch - DC LAN	Annexe – 4.1.17	10G/Gigabit Ethernet port	40 ports -10g, 4 ports - 1G, 4 ports - FC. Switch should be either standalone or clustered (not more than 3 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No. 16

232	Access Switch - DC LAN	Annexe – 4.1.17	Datacenter bridging exchange, ieee 802.1Qbb and ieee802.1Qaz	The switch should support Data Center Bridging, FIP Snooping, PFC , ETS, FCoE , FCoE LAG, FIP Snooping ACL	Refer corrigendum S. No. 16
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233	Access Switch - DC LAN	Annexe – 4.1.17	VM-Aware Networking	The switch should support VM aware networking in order to detect virtual machine movement between physical servers	Refer corrigendum S. No. 16
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234	Access Switch - DC LAN	Annexe – 4.1.17	Converged fabric	The switch should support converged fabric which supports CEE and connectivity to FCoE gateways. Also support DCB, FIP, PFC, ETS, FCoE, FCoE LAG, Multi-hop RoCE with LAG, FCoE support in NPIV mode	Refer corrigendum S. No. 16
235	Payment terms	Section III- 13.1	Payment terms		No change

236	Submission date	Section I 4 (f)	Submission of bid	By 15th December 2014	No change
237		Section III- 7.6	Acceptance Terms	The Vendor shall conclude the Acceptance test not later than forty five (45) days after the arrival of each equipment and not later than fifteen 15 days from the installation of the System, in the presence of person(s) or agency designated by the Purchaser.	No change
238		Section III 7.8	Acceptance delay	Entire clause	No change

239		Section III 33.1	Passing of property	Ownership shall not pass to the Purchaser unless and until the Goods have been delivered, installed and accepted, in accordance with the conditions of the contract to the entire satisfaction of the purchaser.	No change
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240		Section III	Add clause on Limitation of liability		Not Accepted
241	Blade Server	Annexe – 4.1.11_13	Capacity	128GB	No change
242	Blade Server	Annexe – 4.1.11_14	Speed	2133Mhz	No change
243	Blade Server	Annexe – 4.1.11_15	Type	DDR4	No change
244	Blade Server	Annexe – 4.1.11_16	DIMM Size	16GB or higher	No change
245	Blade Server	Annexe – 4.1.11_17	Min Free Slots (when 256GB RAM populated)	8	Refer corrigendum S. No. 1

246	Blade Server	Annexe – 4.1.11_18	Upgradability to	512GB or Higher	No change
247	Blade Server	Annexe – 4.1.11_19	Memory Channels	4	No change
248	Blade Server	Annexe – 4.1.11_20	Memory Bandwidth	64Gbps or higher	No change
249	Blade Server	Annexe – 4.1.11_25	Network	1Gbps	Refer corrigendum S. No. 2
250	Blade Server	Annexe – 4.1.11_26		10 Gbps	No change
251	Blade Server	Annexe – 4.1.11_27	HBA	8/16 Gbps	No change
252	Blade Server	Annexe – 4.1.11_36		SPECintrate_2006	Yes
253	Blade Server	Annexe – 4.1.11_37		SPECfprate_2006	Yes
254	Blade Chassis	Annexe – 4.1.12_07		Uplink Ports	No change
255	Blade Chassis	Annexe – 4.1.12_08		Uplink Ports	No change
256	Blade Chassis	Annexe – 4.1.12_09		Uplink Ports	No change
257	Blade Chassis	Annexe – 4.1.12_10	Interconnect	L3 Switches	No change

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S.No.	Section No.	Clause No	Page No	Existing Provision in the clause	Revised text / response
258	Section-2	19 (VIII)	10	Overall turnover has been asked as 1000 cr for the OEM on Server & Networking Equipment Sales in the last 3 years	Accepted. For OEM, global turnover shall be considered.
259	Section-2	19 (XI)	11	3 PO of 50 cr each for the bidder	No change

260	Section-2	19 (XI)	11	PO/ turnover till 31st March 2014	No change
261	Section - 3		14	Delivery transfer title after delivery and acceptance	No change
262	Section - 5	2.2	3	Scope of work	Query not relevant

263	Section -3	13.1	8,9	Payment Term	No change
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264	Section-IV	40 High Availability	14	No Single point of Failure	Refer corrigendum S. No. 4
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265	Section-IV	17 Back Plane	17	Dual/Redundant with no single point of failure	Refer response to Q. No. 31
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266	Section-IV	44 High Availability	22	No Single point of Failure	Refer corrigendum S. No. 4
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267	Section-IV	35 RAID Support	21	Raid 0,1,4	Refer response to Q.No. 20
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268	Section-IV	Warranty	15, 19, 21	In Section-IV "3 years warranty with 24x7 onsite support, 99.9% uptime, 4 Hr resolution time" and Section-V "Resolution time – Time for resolution of incidents after the call has been received and acknowledged. 72 hours"	Refer response to Q. No. 137
269	Section-IV	41 Remote Management	16	KVM Support	Modified as KVM/iKVM

270	Section-IV	32 Qty	21		25	Refer corrigendum S. No. 10,11,12
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271	Section-IV	Memory Speed	14, 20	1.8Ghz Memory	No change
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272	Section-IV	14 Power Supply	17	Dual Redundant N+1, Dual Power Source	Refer corrigendum
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273	Section-IV	28 Local Disk	15	SSD Enterprise Grade	MLC or equivalent
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274	Section-IV	Interconnect	17	FC interconnect has not been asked in the chassis.	Refer corrigendum
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275	Section-V	11.1.2.(iV)	10	Commissioning of all new as well as relocated infrastructure.	Refer corrigendum
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276	Section-IV	34 Array Controller	21	Smart Array Controller with Battery Backed up Cache	Clarified as Raid Controller with 512 MB or higher with Battery back up for 1 hour or Non Volatile Cache.
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277	Section-IV	35	28	HBA management with FDMI	Refer corrigendum S. No. 14
278	Section-IV	46	29	Support for LUN masking	Refer corrigendum S. No. 14
279	Section-IV	53	29	Per port performance (IOPS)	Refer corrigendum S. No. 14

280	Section-IV	54	29	No. of IOPS supported by each Fiber Channel Switch	Refer corrigendum S. No. 14
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281	Section-IV	63	30	Existing Product(s) with which compatibility is required of the proposed product: EMC Connectrix MDS 9148 ,EMC Connectrix 9513	Refer corrigendum S. No. 14
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282	Section-IV	9B	24	Support for all leading brand of products not limiting to IBM,Dell,HP, Cisco,EMC, etc	Query not clear
283	Section-IV	23	25	Mouse synchronization	Query not clear

284	Section-IV	16	32	DRAM - 1GB or Higher Flash Memory -1GB or higher	Refer corrigendum S. No. 15
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285	Section-IV	18	32	32- RJ 45, 10/100/1000 Autosensing, 8 - 10G Ports - Switch should be either standalone or clustered (not more than 2 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No. 15
286	Section-IV	18	32	32- RJ 45, 10/100/1000 Autosensing, 8 - 10G Ports - Switch should be either standalone or clustered (not more than 2 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No. 15

287	Section-IV	20	33	L2 switch ports and VLAN trunks, no of VLANs at least 4000 and MAC addresses at least 50000.	Refer corrigendum S. No. 15
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288	Section-IV	21	33	support for various ACLs like port based/time based, Standard/ Extended ACLs/Virtual CALs, Port based ACLs,mechanisums or features to filter unwanted traffic, support large number of security and QOS ACLs with performance impact.Local Command Accounting and logging	Refer corrigendum S. No. 15
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289	Section-IV	21	33	Deep inspection Firewall (internal/external) capability with 4Gig performance and scalable for non-blocking operation for 10Gig interfaces -	Refer corrigendum S. No. 15
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290	Section-IV	21	33	Logical/Virtual firewall	Refer corrigendum S. No. 15
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291	Section-IV	21	33	IPS capability (internal/external) with minimum 500Mbps inline prevention. Access lists to limit telnet and SNMP access	Refer corrigendum S. No. 15
292	Section-IV	22	32	RIPNG	Refer corrigendum S. No. 15

293	Section-IV	23	35	Firewall module (internal/external)	Refer corrigendum S. No. 15
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294	Section-IV	25	35	Support congestion avoidance using WRED, multi queue thresholds. Support the policing aggregate-Flow, excess-rate policing, flow control based on source and destination	Refer corrigendum S. No. 15
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295	Section-IV	27	36	Modules like Network analysis (RMON II) etc.	Refer corrigendum S. No. 15
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296	Section-IV	28	36	Switch should support mirroring feature for monitoring network traffic of a particular port/VLAN/Group of ports or remote port mirroring across switches for remote monitor.	Refer corrigendum S. No. 15
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297	Section-IV	35	37	Is the proposed product/solution End-of-Sale or will reach End-of-Sale within 24 months from the date of submission of bid or 12 months from the date of acceptance, whichever is later?	Refer corrigendum S. No. 15
298	Section-IV	63	38	Existing Product(s) with which compatibility is required of the proposed product: Cisco Catalyst WS-C6509-V-E	Refer corrigendum S. No. 15

299	Section-IV	General Queries # 1		Refer corrigendum S. No. 15
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300	Section-IV	General Queries # 2		Refer corrigendum S. No. 15
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301	Section-IV	15	40	40 ports -10g, 4 ports - 1G, 4 ports - FC. Switch should be either standalone or clustered (not more than 3 switches, without impacting the overall performance/throughput, availability and ports)	Refer corrigendum S. No. 16
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302	Section-IV	16	40	Support consolidating IP, Storage, FC and traditional Ethernet protocols into single media	Refer corrigendum S. No. 16
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303	Section-IV	55	43	Is the proposed product/solution End-of-Sale or will reach Endof-Sale within 24 months from the date of submission of bid or 12 months from the date of acceptance, whichever is later?	Refer corrigendum S. No. 16
304	Section-IV	15	40		Refer corrigendum S. No. 16
305	Section-IV	15	40		Refer corrigendum S. No. 16
306	Section-IV	63	44	Existing Product(s) with which compatibility is required of the proposed product:CISCO N5K-C5548P-FA	Refer corrigendum S. No. 16

307	Section-IV	General Queries # 1		Refer corrigendum S. No. 16
308	Section-IV	General Queries # 2		Refer corrigendum S. No. 16

309	Section-IV	General Queries # 3		Refer corrigendum S. No. 16
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310	Section-IV	General Queries # 4		Refer corrigendum S. No. 16
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311	Section-IV	General Queries # 5		Refer corrigendum S. No. 16
312	Section-IV	General Queries # 6		Refer corrigendum S. No. 16

313	Section-IV	General Queries # 7		Refer corrigendum S. No. 16
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Sr. No	Sec	Pg Ref	Sub-section	Ref	Clause	Revised text / response
314	1	3	1 (x)		The Bidder should have average annual turnover of Rs.5,00,00,00,000/- (Rupees Five Hundred Crores) from sales of Servers, Networking, Security Systems, Accessories and Services in India in the last three financial years ended on 31.03.2014. The average turnover refers to the average turnover of the company and not the composite turnover of its subsidiaries/sister concerns, etc. The bidder must submit copy of the Audited Balance Sheets and Profit & Loss Account Statement for last 3 financial years ended on 31.03.2014 along with the bid. However, in the case of no-availability of audited balance sheets, a Certificate from the Statutory Auditor/Chartered Accountant of the Bidder's Company certifying the turnover of the Bidder in the last three financial years would be acceptable.	No change

315	1	3	1 (xi)		<p>The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014 . For each of such order, the bidder should submit the following :</p> <ol style="list-style-type: none"> 1. Copy of each such purchase order clearly indicating the value of the Order. 2. A certificate in original from the Statutory Auditor/ Chartered Accountant/ Company Secretary/ Director of the bidder's company indicating and certifying the value of the components relating to supply, installation and commissioning of Servers, Networking, Security Systems and Accessories. 3. A copy of certificate from respective customers indicating satisfactory execution of such order/contract of customer. 	No change
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316	1	3	1 (xi)		<p>The bidder must have executed at least three (3) purchase orders in India each of the value of at least Rs.50 crores (Rupees Fifty Crores) from supply, installation and commissioning of Servers, Networking, Security Systems, Accessories and Services in the last 3 financial years ended on 31.03.2014 . For each of such order, the bidder should submit the following :</p> <p>1. Copy of each such purchase order clearly indicating the value of the Order.</p> <p>2. A certificate in original from the Statutory Auditor/ Chartered Accountant/ Company Secretary/ Director of the bidder's company indicating and certifying the value of the components relating to supply, installation and commissioning of Servers, Networking, Security Systems and Accessories.</p> <p>3. A copy of certificate from respective customers indicating satisfactory execution of such order/contract of customer.</p>	Services in this context mean Information Technology services as defined in Service Tax Act.
317	1	4	1 (xiii)		The bidder should have local offices setup in Bengaluru and NCR Delhi/Manesar.	Yes
318	4	17			Blade chassis- No of half blades in chassis- 12 or higher	Refer corrigendum 8.1
319					General suggestion	Refer corrigendum
320	4	15	BLADE SERVER	23	Virtualization Support	Query not clear

323	4	45	Linux Operatin g System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17
324	4	45	Linux Operatin g System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17
325	5	19	13.1.3 (ii)		Installation and Configuration of all the components including, but not limited to hardware, software, devices, accessories, etc. to the satisfaction of UIDAI at Data Centres at Hebbal (Bengaluru) and Manesar (Haryana).	No change
326	4	45	Linux Operatin g System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17

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S. No.	Section no.	Clause No.	Page No. in the section	Existing Provision in the Clause	Revised text / response
328	RFP section-IV	Annexure 4.1.8; MAF	11	<p>We _____ who are established and reputable manufacturers of _____ having factories at _____</p> <p>_____ do hereby authorize M/s _____ (Name and address of Bidder) only to bid, negotiate and conclude the contract with you against Bid No. _____ dated _____ for the above goods manufactured by us</p>	No change. Refer corrigendum S. No. 13.
329	RFP section-IV	Annexure 4.1.19; HIDS Specifications	52	Point No. 16; Compatibility with existing product- Proposed product should be compatible with existing product: McAfee HIPS for servers	Refer corrigendum S. No. 13.

Response to bidder queries to BID NO. T-11014/33/2014-Tech/1 dated 21st November, 2014

S. No.	Section no.	Clause No.	Page No. in the section	Existing Provision in the Clause	Revised text / response
330	RFP section-IV	Annexure 4.1.19; HIDS Specifications	48	Point no.5; spam filtering - based reputation based, etc	Refer corrigendum S. No. 13.
331	RFP section-IV	Annexure 4.1.19; HIDS Specifications	48	Point no.5;Content filtering and compliance,etc.	Refer corrigendum S. No. 13.
331	RFP section-IV	Annexure 4.1.19; HIDS Specifications	51	Point No. 13; Centralized OS and patch management	Refer corrigendum S. No. 13.

Response to bidder queries to BID NO. T-11014/33/2014-Tech/1 dated 21st November, 2014

Sr No	Page no.	RFP Volume	Section	Point No.	Points to be clarified	Revised text / response
332	15	Vol 4	BLADE SERVER	23	Virtualization Support	Query not clear
333	15	Vol 4	BLADE SERVER	24	Support Xen,KVM, Hyper-V and other leading Hypervisors	No change
334	15	Vol 4	BLADE SERVER	23	Virtualization Support & key Functionalities for Virtualization Infrastructure	Query not clear

335	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17
336	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17

337	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17	

338	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17

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Sr No	Page no.	RFP Volume	Section	Point No.	Points to be clarified	Revised text / response
332	15	Vol 4	BLADE SERVER	23	Virtualization Support	Query not clear
333	15	Vol 4	BLADE SERVER	24	Support Xen,KVM, Hyper-V and other leading Hypervisors	No change
334	15	Vol 4	BLADE SERVER	23	Virtualization Support & key Functionalities for Virtualization Infrastructure	Query not clear

335	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17
336	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17

337	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17	

338	45	Vol 4	Linux Operating System	1	Enterprise Linux with virtualization	Refer corrigendum S No. 17