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## 1. Appendix I – List of Offices

<b>Office wise count as on August 15, 2015</b>	<b>1064</b>
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Office	Location	Grade / Offices	No. of Employees ##
Head Office	Lucknow	Lucknow HO	97
Corporate Office	Mumbai	Mumbai Office	201
Corporate Office	New Delhi	New Delhi Office	31
Training Center	Bhubneshwar	SIDBI International Training Institute	7

Regional Office	Ahmedabad	Ahmedabad RO	
Branch Office	Ahmedabad	Ahmedabad BO	15
Branch Office	Baroda	Baroda BO	22
Branch Office	Gandhidham	Gandhidham BO	9
Branch Office	Gandhidham	Gandhidham BO	7
Extended Branch Office	Jamnagar	Jamnagar XBO	2
Branch Office	Morbi	Morbi BO	8
Branch Office	Rajkot	Rajkot BO	9
Branch Office	Surat	Surat BO	8
Branch Office	Vatva	Vatva BO	3

Regional Office	Bangalore	Bangalore RO	
Branch Office	Bangalore	Bangalore BO	11
Branch Office	Hosur	Hosur BO	13
Branch Office	Hosur	Hosur BO	3
Branch Office	Hubli	Hubli BO	4
Extended Branch Office	Mysore	Mysore XBO	2
Extended Branch Office	Peenya	Peenya XBO	2

Regional Office	Kolkata	Kolkata RO	
Branch Office	Bhubneshwar	Bhubaneshwar BO	15
Branch Office	Jamshedpur	Jamshedpur BO	9
Branch Office	Jamshedpur	Jamshedpur BO	8
Branch Office	Kolkata	Kolkata BO	11
Branch Office	Patna	Patna BO	7
Branch Office	Ranchi	Ranchi BO	2
Branch Office	Rourkela	Rourkela BO	3

Regional Office	Chennai	Chennai RO	
Branch Office	Ambattur	Ambattur BO	19
Branch Office	Ambattur	Ambattur BO	3
Branch Office	Chennai	Chennai BO	18
Branch Office	Puducherry	Puducherry BO	4

Regional Office	Coimbatore	Coimbatore RO	11
Branch Office	Coimbatore	Coimbatore BO	11
Branch Office	Erode	Erode BO	4
Branch Office	Kochi	Kochi BO	16
Branch Office	Madurai	Madurai BO	3
Branch Office	Tirupur	Tirupur BO	8
Extended Branch Office	Trichy	Trichy XBO	2

Regional Office	Chandigarh	Chandigarh RO	14
Branch Office	Chandigarh	Chandigarh BO	20
Branch Office	Jalandhar	Jalandhar BO	3
Branch Office	Jammu	Jammu BO	3
Branch Office	Ludhiana	Ludhiana BO	15
Branch Office	Shimla	Shimla BO	1

Regional Office	Faridabad	Faridabad RO	9
Branch Office	Faridabad	Faridabad BO	18
Branch Office	Gurgaon	Gurgaon BO	12

Regional Office	Guwahati	Guwahati RO	4
Branch Office	Guwahati	Guwahati BO	5
Branch Office	Agartala	Agartala BO	2
Branch Office	Aizawal	Aizawl BO	3
Branch Office	Dimapur	Dimapur BO	1
Branch Office	Gangtok	Gangtok BO	2
Branch Office	Imphal	Imphal BO	1
Branch Office	Itanagar	Itanagar BO	2
Branch Office	Shillong	Shillong BO	2

Regional Office	Hyderabad	Hyderabad RO	9
Extended Branch Office	Balanagar	Balanagar XBO	2
Branch Office	Hyderabad	Hyderabad BO	14
Extended Branch Office	Vijaywada	Vijayawada XBO	2
Branch Office	Visakhapatnam	Visakhapatnam BO	3

Regional Office	Indore	Indore RO	9
Branch Office	Bhopal	Bhopal BO	8
Branch Office	Indore	Indore BO	8
Branch Office	Nagpur	Nagpur BO	6
Branch Office	Raipur	Raipur BO	5

Regional Office	Jaipur	Jaipur RO	
Branch Office	Alwar	Alwar BO	3
Branch Office	Jaipur	Jaipur BO	20
Branch Office	Jodhpur	Jodhpur BO	4
Branch Office	Kishengarh	Kishengarh BO	4
Extended Branch Office	Udaipur	Udaipur XBO	2

Regional Office	Lucknow	Lucknow RO	
Branch Office	Agra	Agra BO	4
Branch Office	Kanpur	Kanpur BO	8
Branch Office	Lucknow	Lucknow BO	5
Branch Office	Varanasi	Varanasi BO	6

Regional Office	Mumbai	Mumbai RO	
Branch Office	Mumbai	Andheri BO	7
Branch Office	Mumbai	Mumbai BKC BO	17
Branch Office	Panaji	Panaji BO	6
Branch Office	Thane	Thane BO	8

Regional Office	New Delhi	New Delhi RO	
Extended Branch Office	Bahadurgarh	Bahadurgarh XBO	2
Branch Office	Dehradun	Dehradun BO	9
Extended Branch Office	Ghaziabad	Ghaziabad XBO	2
Extended Branch Office	Greater Noida	Greater Noida XBO	2
Branch Office	Kundli	Kundli BO	3
Branch Office	New Delhi	New Delhi BO	22
Branch Office	New Delhi	New Delhi RFS BO	4
Branch Office	Noida	Noida BO	11
Branch Office	New Delhi	Okhla BO	6
Extended Branch Office	Rudrapur	Rudrapur XBO	2

Regional Office	Pune	Pune RO	
Extended Branch Office	Ahmednagar	Ahmednagar XBO	2
Branch Office	Aurangabadd	Aurangabad BO	8
Extended Branch Office	Chinchwad, Pune	Chinchwad XBO	2
Branch Office	Kolhapur	Kolhapur BO	3
Branch Office	Nasik	Nasik BO	8
Branch Office	Pune	Pune BO	18
<b>Total</b>			<b>1042</b>

Subsidiary / Associate	Kochi	Kochi BO-SBT	1
Subsidiary / Associate	Mumbai	CGTMSE-MUM	5
Subsidiary / Associate	Mumbai	ISARC	2

Subsidiary / Associate	Mumbai	MUDRA	9
Subsidiary / Associate	Mumbai	NCGTC	4
Subsidiary / Associate	New Delhi	ISTSL	1
<b>Total</b>			<b>22</b>

## - No. of employees in each office may increase/ decrease during the contract period.

Bidder shall take into account a growth in user-base at an average rate of 5% per year and accordingly factor the growth of service requirements.

## 2. Appendix III – List of Hardware at Data Center, Mumbai

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Application Installed	AMC upto Date
1	IBM	IBM xseries 336	99CVNW0	3.20 GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Enterprise 32 bit	Citrix - Production	30/04/2016
2	IBM	IBM xseries 336	99CVMP3	3.20 GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Enterprise 32 bit	Citrix - Production	30/04/2016
3	IBM	IBM XSERIES 336	99CVNX4	3.20GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Standard 32 bit	HRMS	30/04/2016
4	IBM	IBM xseries 336	99CVMP2	3.20 GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Enterprise 32 bit	Citrix - Production	30/04/2016
5	IBM	IBM XSERIES 346	99AWEYD	3.20GHZ XEON	2	2	146 * 3	Windows 2003 R2 Standard 32 bit	FILE Server	30/04/2016
6	IBM	IBM XSERIES 346	99AWEYG	3.20GHZ XEON	2	4	147 * 5	RHEL 6.4	Mail SMTP	30/04/2016
7	IBM	IBM XSERIES 336	99CVMT6	3.20GHZ XEON	2	2	73.4 * 2	RHEL 6.4	NTP	30/04/2016
8	IBM	IBM xseries 346	99AWPZH	3.20GHZ XEON	2	2	146 * 2	Windows 2003 R2 Standard 32 bit	BioMetrics	30/04/2016
9	IBM	IBM xseries 336	99CVMV2	3.20 GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Standard 32 bit	NONE	30/04/2016
10	IBM	IBM xseries 336	99CVMT0	3.20 GHZ XEON	2	2	73.4 * 2	Windows 2003 R2 Enterprise 32 bit	Citrix - Production	30/04/2016
11	IBM	IBM xseries 346	99AWRAV	3.20 GHZ XEON	2	2	146 * 2	RHEL 3	ALM	30/04/2016

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
12	SUN	SUN X4150 (Rack Mount)	0919QAR031	2.66 GHZ XEON 2 Quad-co	2	16	146 * 5	Windows 2008 Enterprise 32 bit	WSUS - MS Pathcing, Citrix XEN License Server AV Server	30/06/2015
13	SUN	SUN Blade Chasis	0919BD15 FE	Blade Chassis						31/12/2015
14	SUN	1-SUN Blade X6250	0918QAW029	2.66 GHZ XEON 2 Quad-co	2	4	146 * 2	RHEL 3	NONE	31/12/2015
15	SUN	2-SUN Blade X6250	0918QAW02C	2.66 GHZ XEON 2 Quad-core	2	4	146 * 2	Windows 2003 R2 Standard 32 bit	Intranet	31/12/2015
16	SUN	3-SUN Blade X6250	0820QAW0A9	2.66 GHZ XEON 2 Quad-co	2	4	146 * 2	Windows 2003 R2 Standard 32 bit	Citrix - Production	31/12/2015
17	SUN	4-SUN Blade X6250	0918QAW02B	2.66 GHZ XEON 2 Quad-co	2	4	146 * 2	Windows 2003 R2 Standard 64 bit	ADC	31/12/2015
18	SUN	5-SUN Blade X6250	0918QAW028	2.66 GHZ XEON 2 Quad-core	2	4	146 * 2	Windows 2008 Enterprise 64 bit	RAM	31/12/2015
19	SUN	6-SUN Blade X6250	0914QCW02D	2.66 GHZ XEON 2 Quad-co	2	4	146 * 2	Windows 2003 R2 Standard 32 bit	CART - DEV	31/12/2015
20	SUN	7-SUN Blade X6250	0918QAW027	2.66 GHZ XEON 2 Quad-co	2	16	146 * 2	Windows 2008 Enterprise 64 bit	NONE	31/12/2015
21	SUN	9-SUN Blade X6270	1019FM1017	2.53 GHx XEON E5540 Quad Core	2	32	300 * 4	Citrix XEN Server 5.6	XEN	31/12/2015

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
22	SUN	10-SUN Blade X6270	1019FM1018	2.53 GHx XEON E5540 Quad Core	2	32	300 * 4	Citrix XEN Server 5.6	XEN	31/12/2015
23	IBM	IBM RISC P550		Power 6	1 (dual core), @4.2 GHz	8	146 * 5	AIX VER 5.3	Not in Use	AMC Not required
24	HP	HP ProLiant DL380 G6 (HP Storage work 1800	SGH020XL2J	Quad-Core Intel Xeon, 2400 MHz	1	6	2*72 GB	Windows 2003 R2 Standard 64 bit	PDC	30/6/2015
25	HP	HP ProLiant C3000 Chassis	SGH2132 WFW							Warranty
26	HP	HP BL460c G7	SGH2132X73	Quad Core Intel Xeon X5672 @3.2Ghz	2	128	2*300	Xenserver 6.0		Warranty
27	HP	HP BL460c G7	SGH2132X75	Quad Core Intel Xeon X5672 @3.2Ghz	2	128	2*300	Xenserver 6.0		Warranty
28	HP	HP BL460c G7	SGH2132X99	Quad Core Intel Xeon X5672 @3.2Ghz	1	16	2*600	Windows 2008 R2 Enterprise 64 bit	Biometric POC	Warranty
29	HP	HP BL460c G7	SGH2132X97	Quad Core Intel Xeon X5672 @3.2Ghz	1	16	2*600	Windows 2008 Enterprise 32 bit	MS Desktop Patching	Warranty
30	HP	HP BL460c G7	SGH2132X9A	Quad Core Intel Xeon X5672	1	16	2*600	Windows 2008 Standard R2 64 bit	SWIFT Alliance	Warranty



S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
				@3.2Ghz						
31	HP	Hp BL860c i2	SGH2132 WFV	Quad Core Itanium (9340N) @1.66Ghz	1	128	2*300	HP-UX 11.31 v3	Local Legacy DR	31/05/2017
32	HP	HP PROLIANT DL360 G5	CN7807A0 36	Intel Xeon 5160 @3.0 Ghz	2	4 GB RAM	72 GB * 3	Windows 2003 R2 Enterprise 32 bit	Service Manager - 7	31/12/2015
33	HP	HP PROLIANT DL360 G5	CN7807A0 35	Intel Xeon 5160 @3.0 Ghz	2	8 GB RAM	72 GB * 3	Windows 2003 R2 Enterprise 32 bit	MS Desktop Patching - Server	31/12/2015
34	HP	HP PROLIANT DL360 G5	CN7807A0 3A	Intel Xeon 5160 @3.0 Ghz	2	4 GB RAM	72 GB * 3	Windows 2003 R2 Enterprise 32 bit	Operations Manager	31/12/2015
35	IBM	IBM xseries 346	99AZZDD	Intel Xeon 3.0 Ghz	2	4 GB RAM	73 GB * 4	Windows 2003 R2 Standard 32 bit	CGTSI	30/04/2016
36	IBM	IBM xseries 346	99AZZDN	3.20GHZ XEON	2	2 GB RAM	73 GB * 4	Windows 2003 R2 Standard 32 bit	CGTSI	30/04/2016
37	IBM	IBM xseries 346	99BAGBN	3.20GHZ XEON	2	2 GB RAM	73 GB * 4	Windows 2003 R2 Standard 32 bit	CGTSI	30/04/2016
38	IBM	IBM Xseries 346	99AWRBN	3.20GHZ XEON	1	2 GB RAM	73 GB * 2	Debian Linux	Energy Efficiency - Delhi	30/04/2016
39	Dell	Dell Power Edge R710	CZ1QPQ1	Intel(R) Xeon(R) E5630 @ 2.53GHz	1	16 GB	2*300GB	Windows 2008 Enterprise 64 bit	NDS - Secondary	Warranty
40	Dell	Dell Power Edge R710	CZ3QPQ1	Intel(R) Xeon(R) E5630 @	1	16 GB	2*300GB	Windows 2008 Enterprise 64 bit	NDS - Primary	Warranty

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
				2.53GHz						
41	HP	HP PROLIANT DL360 G5	SGH7204T AH					Windows 2003 standard 32 bit	RETURES	
42		HP PROLIANT Chassis	SGH114X W8N							31/12/2015
43	HP	HP Proliant BL460C G7	SGH112XJ XM	Quad core Intel Xeon 5620 @ 2.40 Ghz	2	32	2*600GB	Windows 2008 Enterprise 64 Bit	EMS Tools	31/12/2015
44	HP	HP Proliant BL460C G7	SGH112XJ XP	quad core Intel Xeon 5620 @ 2.40 Ghz	1	8	2*300GB	Windows 2008 Enterprise 64 Bit	EMS Tools	31/12/2015
45	HP	HP Proliant BL460C G7	SGH112XJ XR	Quad-Core Intel Xeon, 2400 MHz	1	16	2*300GB	Windows 2008 R2 Enterprise 64 bit	EMS Tools	31/12/2015
46	HP	HP Proliant BL460C G7	SGH123XD 4A	Quad-Core Intel Xeon, 2400 MHz	2	64	2*500GB	RHEL 6.4	MAIL - Domino Notes	31/12/2015
47	hp	HP Proliant BL460C G7	SGH112XJ XL	quad core Intel Xeon 5620 @ 2.40 Ghz	1	16	2*300GB	Windows 2008 Enterprise 64 Bit	EMS Tools	31/12/2015
48	hp	HP Proliant BL460C G7	SGH112XJ XK	quad core Intel Xeon 5620 @ 2.40 Ghz	1	16	2*300GB	Windows 2008 Enterprise 64 Bit	EMS Tools	31/12/2015
49	hp	HP Proliant BL460C G7	SGH123XJS H	Quad-Core Intel Xeon, 2400 MHz	2	48	2*500GB	RHEL 5.5	DEV - DEV DB / UAT DB	31/12/2015

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
50	SUN	SUN X4270	1010XF704 0	Quadcore Xeon E5520 @2.26 GHz	1	8 GB	300 GB * 2	RHEL 5.5	MASTER / MEDIA Server Veritas	31/12/2015
51	HP	HP Blade Enclosure	SGH7143E V9							30/04/2016
52	HP	BL 20 p - HP	CN770900 MD	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	16	72GB x 2	Windows 2003 Standard 64 Bit	WAS Server 2	30/04/2016
53	HP	BL 20 p - HP	CN770900 G6	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	RHEL 6.4	Lotus Domino-SameTime	30/04/2016
54	HP	BL 20 p - HP	CN770900 G2	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	5	72GB x 2	Windows 2003 R2 Enterprise 32 Bit	PRD-OAS (FORMS & REPORTS)	30/04/2016
55	HP	BL 20 p - HP	CN770900 G9	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 R2 Enterprise 32 Bit	Not Planned - Standby for Oracle Forms and Reports / IBM WAS	Not under AMC
56	HP	BL 20 p - HP	CN770900 FP	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	2	72GB x 2	RHEL 6.4	Lotus Domino-Traveller	30/04/2016

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
57	HP	BL 20 p - HP	CN770900 FS	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 R2 Standard 64 Bit	TDS Server Peer2	30/04/2016
58	HP	BL 20 p - HP	CN770900 ME	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 R2 Enterprise 32 Bit	Not Planned - Standby for WAS	Not under AMC
59	HP	BL 20 p - HP	CN770900 FV	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	5	72GB x 2	Windows 2003 R2 Enterprise 32 Bit	Not Planned - Standby for WAS	Not under AMC
60	HP	HP Blade Enclosure	SGH7143E V7							30/04/2016
61	HP	BL 20 p - HP	CN770900 FR	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 R2 Standard 32 Bit	To be released - CRP	30/04/2016
62	HP	BL 20 p - HP	CN770900 G5	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	2	72GB x 2	Windows 2003 R2 Enterprise 32 Bit	UAT-Portal	30/04/2016
63	HP	BL 20 p - HP	CN770900 FW	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 R2 Standard 64 Bit	Portal Server	30/04/2016
64	HP	BL 20 p - HP	CN770900 GB	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	6	72GB x 2	Windows 2003 Enterprise 32 Bit	MQ Server	30/04/2016

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
65	HP	BL 20 p - HP	CN770900 FN	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 Standard 32 Bit	ESA - OLD - Not in use	Not under AMC
66	HP	BL 20 p - HP	CN770900 G8	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	6	72GB x 2	Windows 2003 Enterprise 32 Bit	BO Server	30/04/2016
67	HP	BL 20 p - HP	CN770900 GC	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 Enterprise 32 Bit	ESA - OLD - Not in use	Not under AMC
68	HP	BL 20 p - HP	CN770900 FX	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	14	72GB x 2	Windows 2008 Standard 64 Bit	PSIG - Application	30/04/2016
69	HP	HP rx6600	SGH51508 A2	4 (2 Intel(R) Itanium 2 9100 series processors (1.59 GHz, 18 MB)	4	128	300 x 4	HP-UX 11.31 v3	ESA Production DB	31/01/2016
70	HP	HP Blade Enclosure	SGH7143E V8							30/04/2016
71	HP	BL 20 p - HP	CN770900 G4	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	2	72GB x 2	Windows 2003 R2 Standard 64 Bit	UAT- WAS	30/04/2016
72	HP	BL 20 p - HP	CN770900 FZ	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 R2 Standard 64 Bit	UAT-MQ	30/04/2016

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
73	HP	BL 20 p - HP	CN770900 G0	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	4	72GB x 2	Windows 2003 R2 Standard 32 Bit	UAT-IAS	30/04/2016
74	HP	BL 20 p - HP	CN770900 G7	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 R2 Standard 64 Bit	Not Planned - Production Portal Standby	30/04/2016
75	HP	BL 20 p - HP	CN770900 FU	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	16	72GB x 2	Windows 2003 Standard 64 Bit	WAS Server 2	30/04/2016
76	HP	BL 20 p - HP	CN770900 G3	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 Standard 32 Bit	PDC for MDC SIDBI	30/04/2016
77	HP	BL 20 p - HP	CN770900 FT	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	2	4	72GB x 2	Windows 2003 R2 Standard 64 Bit	TDS Server Peer1	30/04/2016
78	HP	BL 20 p - HP	CN770900 FY	Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB)	1	2	72GB x 2	Windows 2003 R2 Standard 64 Bit	HIPS- Security Server - Reconfigure for SIDBIFARM.com	30/04/2016

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
79	HP	HP-RX6600	SGH51508 A3	4 (2 Intel(R) Itanium 2 9100 series processors (1.59 GHz, 18 MB)	2	128	300 x 4	HP-UX 11.31 v3	ESA Production DB	30/04/2016
80	HP	HP ProLiant DL120 G6	SGH007XY AB	Quad core intel Xeon X3430 @2.40 GHZ	1	4 GB	1*160GB 1* 250GB	Windows 2008 Standard 32 Bit	VC Server	30/6/2015
81	HP	HP ProLiant DL360 G6	CN701704 RK	Quad intel Xeon E5504 @2.40 GHZ	1	8 GB	3*300GB	Windows 2008 Standard 64 Bit	SyS Log Server	23/06/2015
82	HP	HP PROLIANT DL380 G7	SGH1180X E15	Dual core Intel Xeon E5503 @2.00 Ghz	2	24	2*146GB, 3*300GB	Windows 2008 Enterprise 64 Bit	Crisil - IRMS	22/05/2016
83	HP	HP PROLIANT DL380 G7	SGH1180X E13	Dual core Intel Xeon E5503 @2.00 Ghz	2	24	2*146GB, 3*300GB	Windows 2008 Enterprise 64 Bit	Crisil - IRMS	22/05/2016
84	HP	HP-RX6600	SGH5116N H9	4 (2 Intel(R) Itanium 2 9100 series processors (1.59 GHz, 18 MB)	3	64	300 x 4	HP-UX 11.31 v3	Legacy DB	30/04/2016
85	HP	HP Storage Work HSV200A	PR507118 2F							Not in Use
86	HP	HP Storage Work HSV200A								Not in Use
87	HP	HP EVA4000 (AH051A)	SGH0716X FX							Not in Use

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applicati on Installed	AMC upto Date
88	HP	HP EVA 4400 Storage	SGA11401 HY				8*300GB			30/04/2016
89	HP	HSV300 Controller	SGH115XN SR							30/06/2015
90	HP	HP Storage SAN Switch	USB330T4 E3							06/01/2017
91	HP	HP Storage SAN Switch	CZC109TW T8							02/05/2016
92	HP	SAN Storage Work	SGA10901 TW				12*1024GB			05/02/2016
93	HP	SAN controller HSV 300	SGA11400 6U							05/02/2016
94	HP	HP1840 Ultrium Tape drive	HUE1040K EN							01/04/2015
95	Citrix	Netscaler MPX 5550	7GG832AU ED							
96	HP	HP Storage SAN Switch	MY5142G0 56							01/04/2016
97	HP	HP Storage SAN Switch	MY5142G0 84							01/04/2016



### 3. Appendix II – List of Hardware (Other than Network) at Data Center, Mumbai

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Application Installed	AMC upto Date
1	HP	SAN Switch	USB014S15L	SAN Switch						15/10/2015
2	HP	SAN Switch	USB014S15A	SAN Switch						15/10/2015
3	HP	Ultrium 1840	Old No HU1018A6AC New Serial No HU180316TT							21/10/2015
4	IBM	Ultrium 3580L11	809222							Not under AMC
5	IBM	Ultrium 3580L11	117807035							Not under AMC
6	HP	HP Integrity rx6600	SGH5021AXF	D core Itanium @1.66 ghz		46 GB	600 GB	HP-UX 11.31 v3	Oracle Database	21/10/2015
7	HP	SAN EVA	SGA01500ZP/ SGA01901LW				8 TB	SAN EVA		06/10/2015
8	HP	SAN Storage Work					5*1024GB			06/10/2015
10	HP	ProLiant DL380 G6	SGH020XTTX	2 cpu q/c xeon 2.53 Ghz	16	32 GB	1 TB	Citrix XEN Server 5.6		30/06/2015
11	HP	ProLiant DL380 G6	SGH020XTTY	2 cpu q/c xeon 2.53 Ghz	16	32 GB	1 TB	Citrix XEN Server 5.6		30/06/2015
12	HP	ProLiant DL380 G6	SGH020XTTW	2 cpu q/c xeon 2.53 Ghz	16	32 GB	1 TB	Citrix XEN Server 5.6		30/06/2015
13	Cirtix	Netscaler	7NH0S2AUP7	MPX 5550 Ent						
14	Acer	Acer Desktop		Intel	1	3 GB	320 GB	RHEL 6.4	Lotus SMTP	31/12/2015
15	HCL	HCL Infosystems Limited	5073A1459889	Intel 3.2 ghz	2	1 GB	146 GB	Windows 2003 R2 Standard 32 Bit	File server	31/12/2015
16	Dell	Dell R710	D6BTPQ1	Intel Xeon CPU E5620	2	16 GB	600 GB	Windows	CITRIX	Warranty

S.N.	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Application Installed	AMC upto Date
				@ 2.40 GHz				2003 R2 Enterprise 32 Bit		
17	Dell	Dell R710	D6DTPQ1	Intel Xeon CPU E5620 @ 2.40 GHz	2	16 GB	600 GB	Windows 2003 R2 Standard 64 Bit	ADC	Warranty
18	Dell	Dell R710	CYXSPQ1	Intel	2	16 GB	600 GB	RHEL 6.4	Lotus Domino 9.0.1	Warranty

#### 4. Appendix IV – List of Servers at other Offices

Service provider is required to provide remote support for servers & networking equipments for other offices and coordinate with Facility Management Service (FMS) provider for management of equipments.

S.N.	Location	Server Make	Model	Mac. S.No.	Processor	No. of CPUs	RAM	Hard Disk	OS details with version	Applications currently installed	AMC To Date
1	Mumbai, BKC	HCL	HCL Infosystems Limited	5073A1459894	Intel Pentium D 300GHz	2	512 MB	80 GB	Windows 2003 R2	ADC, DNS, Fileserver	30/06/2015
2	Bangalore	HCL	HCL Infosystems Limited	5073A1459895	Intel Pentium D 300GHz	2	512 MB	80 GB	Windows 2003 R2	DC, DNS, Fileserver , NOTES	30/06/2015
3	Bhopal	HCL	HCL Infosystems Limited	4083A1416559	Intel Xeon 1.86GHz	2	1 GB	160 GB	Windows 2003 R2	DC, DNS, Fileserver	30/06/2015
4	Baroda	HCL	HCL Infosystems Limited	4073A1428131	Intel Pentium D 300GHz	2	512 MB	80 GB	Windows 2003 R2	DC, DNS, Fileserver	30/06/2015
5	Faridabad	HCL	HCL Infosystems Limited	5073A1459892	Intel Pentium D 300GHz	2	512 MB	80 GB	Windows 2003 R2	ADC, DNS, Fileserver	30/06/2015
6	Bhubaneshwar	HCL	HCL Infosystems Limited	5073A1459893	Intel Pentium D 300GHz	1	512 MB	80 GB	Windows 2003 R2	DC, DNS, Fileserver	30/06/2015
7	New Delhi	HCL	HCL Infosystems Limited	4083A1416555	Intel Xeon 1.86GHz	2	1 GB	160 GB	Windows 2003 R2	DC, DNS, Fileserver , NOTES	30/06/2015
8	Ludhiana	HCL	HCL Infosystems Limited	5073A1459897	Intel Pentium D 300GHz	1	512 MB	80 GB	Windows 2003 R2	DC, DNS, Fileserver	30/06/2015

9	Lukhnow Notes	HCL	HCL Infosystems Limited	5073A1459899	Intel Pentium D 300GHz	1	1 GB	140 GB	Windows 2003 R2	NOTES	30/06/2015
10	Guwahati	HCL	HCL Infosystems Limited	4083A1416557	Intel Xeon 1.86GHz	2	1 GB	160 GB	Windows 2003 R2	ADC, DNS, Fileserver	30/06/2015
11	Tirupur	HCL	HCL Infosystems Limited	5073A1459896	Intel Pentium D 300GHz	2	512 MB	80 GB	Windows 2003 R2	DC, DNS, Fileserver	30/06/2015
12	Kpboadc	HCL	HCL Infosystems Limited	4083A1416558	Intel Xeon 1.86GHz	2	1 GB	160 GB	Windows 2003 R2	ADC	30/06/2015
13	Lukhnow (Dev)	HCL	HCL Infosystems Limited	4083A1416554	Intel Xeon 1.86GHz	1	1 GB	160GB	Windows 2003 std	Devlopment server.	30/06/2015
14	Hyderabad	Dell	Dell D710	1X2MVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016
15	Chandigarh	Dell	Dell D710	1X4PVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016
16	Coimbatore	Dell	Dell D710	1X2QVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS	30/05/2016
17	Kochi	Dell	Dell D710	1X2TVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	File Server	30/05/2016

18	Kolkata	Dell	Dell D710	1X3NVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016
19	Lucknow	Dell	Dell D710	1X3SVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS	30/05/2016
20	Jaipur	Dell	Dell D710	1X4LVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016
21	Pune	Dell	Dell D710	1X1LVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016
22	Ahmedabad	Dell	Dell D710	1X1TVQ1	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz	1	8 GB	2*600 GB	Windows 2003 std R2_64 Bit	ADC, File Server DNS, Notes	30/05/2016

## 5. Appendix V – Office Wise list of Network Equipments and Security Devices

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
1	Mumbai, BKC	Core Switch	Cisco	Cisco WS-C6509-E	1	01/08/2016
2	Mumbai, BKC	Core Switch	Cisco	Cisco WS-C6509-E	1	01/08/2016
3	Mumbai, BKC	Proxyserver	Cisco	Cisco S370	1	31/08/2016
4	Mumbai, BKC	Proxyserver	Cisco	Cisco S370	1	31/08/2016
7	Mumbai, BKC	Firewall	Fortigate	Fortigate 800	1	28/10/2016
8	Mumbai, BKC	Firewall	Fortigate	Fortigate 800	1	28/10/2016
9	Mumbai, BKC	IPS	Cisco	Cisco IPS-4240-K9	1	19/10/2016
10	Mumbai, BKC	Load Balancer	Radware	Radware RODS-VL-SPP	1	17/02/2016
11	Mumbai, BKC	Load Balancer	Radware	Radware RODS-VL-SPP	1	17/02/2016
12	Mumbai, BKC	Firewall	Fortigate	Fortigate 60C	1	11/07/16
13	AGARTALA	Switch	Cisco	LINKYS	1	Not under AMC
14	AGRA	Switch	Cisco	LINKYS SRW208	1	Not under AMC
15	AGRA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
16	AHMEDNAGAR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
17	AIZWAL	Switch	Cisco	LINKYS	1	Not under AMC
18	ALWAR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
19	AMBATTUR	Switch	D-Link	DES-3526	1	Not under AMC
20	AMBATTUR	Switch	Cisco	Cisco 2960	1	Not under AMC
21	ANDHERI	Switch	D-Link	DES -3828	1	30/04/2016
22	AURANGABAD	Switch	Cisco	CISCO 2950 SERIES	1	30/04/2016
23	BALANAGAR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
24	BANGALORE	Switch	D-Link	D-LINK DES 3526	1	30/04/2016
25	BANGALORE	Switch	Cisco	Cisco 2960	1	
26	BARODA	Switch	Cisco	Cisco 2960	1	
27	BHOPAL	Switch	Cisco	Cisco 2960	1	
28	BHOPAL	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
29	BHUBNESHWAR SITI	Switch	Cisco	Cisco 2960	1	Under Warranty
30	BHUBNESHWAR SITI	Switch	Cisco	SF300-24	1	Under Warranty
31	BHUBNESHWAR SITI	Switch	Cisco	SF300-24	1	Under Warranty
32	BHUBNESHWAR SITI	Switch	Cisco	SF300-24	1	Under Warranty
33	BHUBNESHWAR SITI	Switch	Cisco	SF300-24	1	Under Warranty
34	BHUBNESHWAR SITI	Switch	Cisco	SF300-24	1	Under Warranty

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
35	BILASPUR	Switch	Cisco	CISCO SR224	1	Not under AMC
36	BILASPUR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
37	CHANDIGARH	Switch	Netgear	Netgear JFS 524	1	Not in AMC
38	CHANDIGARH	Switch	D-Link	DES-1024D	1	30/04/2016
39	CHENNAI	Firewall	Checkpoint	Checkpoint 4800- CPAP-SG4807	1	30/04/2016
40	CHENNAI	Switch	D-Link	DLINK DES-1024A	1	
41	CHENNAI	Switch	D-Link	DLINK DES1016D	1	30/04/2016
42	CHENNAI	Switch	D-Link	DLINK 3526	1	30/04/2016
43	CHENNAI	Switch	D-Link	DLINK 3526	1	30/04/2016
44	CHENNAI	Switch	Cisco	Cisco WS-C3750X-24	1	30/04/2016
45	CHENNAI	Switch	HP	HP 2530-24G	1	Under Warranty upto 11/08/2016
46	CHENNAI	Switch	Cisco	Cisco SF90-24	1	
47	COIMBATORE	Switch	Cisco	Cisco 2960	1	
48	DEHRADUN	Switch	Other	WIPRO	1	Not in AMC
49	DIMAPUR	Switch	Cisco	LINKYS	1	
50	ERODE	Switch	D-Link	D-LINK DES 3526	1	
51	ERODE	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
52	FARIDABAD	Switch	Cisco	Cisco 2960	1	30/04/2016
53	GANDHIDHAM	Switch	D-Link	D-LINK	1	30/04/2016
54	GREATER NOIDA	Switch	D-Link	LINKYS	1	Not under AMC
55	GREATER NOIDA	Switch	HP	HP-2530-24G	1	Under Warranty upto



S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
						11/08/2016
56	GURGAON	Switch	Cisco	Cisco 2960	1	
57	GUWAHATI	Switch	Cisco	Cisco 2960	1	
58	HOSUR	Switch	Cisco	Cisco 2960	1	
59	HUBLI	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
60	HYDERABAD	Switch	D-Link	D-LINK DES 3526	2	30/04/2016
61	IMPHAL	Switch	Cisco	LINKYS	1	
62	INDORE	Switch	INTELLINET	INTELLINET 30D	1	Not in AMC
63	INDORE	Switch	Cisco	Cisco 2960	1	30/04/2016
64	ITANAGAR	Switch	D-Link	D-LINK DES 3526	1	
65	JAIPUR	Switch	D-Link	D-LINK DES 3526	1	30/04/2016
66	JAIPUR	Switch	D-Link	DLINK DES 1008D	1	
67	JAIPUR	Switch	Cisco	Cisco 2960	1	
68	JALANDHAR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
69	JAMMU	Switch	D-Link	DES-1008	1	30/04/2016
70	JAMNAGAR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
71	JAMSHEDPUR	Switch	Cisco	Cisco 2960	1	
72	JODHPUR	Switch	D-Link	DES-1024A	1	30/04/2016
73	KANPUR	Switch	Cisco	Cisco 2960	1	
74	KISHANGARH	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
75	KOCHI	Switch	D-Link	D-LINK DES 3526	2	30/04/2016
76	KOLHAPUR	Switch	HP	HP-2530-24G	1	Under Warranty upto

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
						11/08/2016
77	KOLKATA	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
78	KOLKATA	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
79	KOLKATA	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
80	KUNDLI	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
81	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
82	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
83	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
84	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
85	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
86	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
87	LUCKNOW	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
88	LUCKNOW	Switch	Cisco	CISCO 3550 Switch	1	30/04/2016
89	LUCKNOW	Switch	Cisco	CISCO 3550 Switch	1	30/04/2016
90	LUCKNOW	Switch	SYNOPTICS LATTIS	Synoptics Lattitude 2803	1	Not in AMC
91	LUCKNOW	Switch	SYNOPTICS LATTIS	Synoptics Lattitude 2803	1	Not in AMC
92	LUCKNOW	Switch	SYNOPTICS LATTIS	Synoptics Lattitude 2803	1	Not in AMC
93	LUCKNOW	Switch	INTELEEE	INTELEEE3330	1	Not in AMC
94	LUDHIANA	Switch	Cisco	CISCO 2960	1	30/04/2016
95	MADURAI	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
96	MORBI	Switch	Cisco	CISCO 2960 Switch	1	

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
97	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
98	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
99	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
100	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
101	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
102	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
103	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
104	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
105	Mumbai, BKC	Switch	Cisco	Cisco WS-C4506	1	Not under AMC
106	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
107	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
108	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
109	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
110	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
111	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
112	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
113	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
114	Mumbai, BKC	Switch	Cisco	CISCO 2960 Switch	1	30/04/2016
115	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
116	Mumbai, BKC	Switch	Cisco	CISCO 2950 Switch	1	30/04/2016
117	Mumbai, BKC	Switch	D-Link	D-LINK 3526	1	30/04/2016
118	Mumbai, BKC	Switch	HP	HP 5500-24G	1	Under Warranty upto 11/08/2016
119	Mumbai, BKC	Switch	HP	HP 5500-24G	1	Under Warranty upto 11/08/2016

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
120	Mumbai, BKC	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
121	Mumbai, BKC	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
122	MYSORE	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
123	NAGPUR	Switch	Cisco	Cisco 2960	1	
124	NARIMAN POINT	Switch	Cisco	Cisco 2960	1	30/04/2016
125	NASIK	Switch	Cisco	LINKYS	1	Not under AMC
126	NASIK	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
127	NEW DELHI	Switch	D-Link	D-LINK 3526	1	
128	NEW DELHI	Switch	D-Link	D-LINK 3526	1	
129	NEW DELHI	Switch	Other	HCL-24T-1S	1	Not in AMC
130	NEW DELHI	Switch	D-Link	D-LINK 3526	1	
131	NEW DELHI	Switch	Cisco	CISCO 2900 XL	2	30/04/2016
132	NEW DELHI	Switch	IBM	IBM 8275-326	1	Not under AMC
133	NEW DELHI	Switch	Cisco	CISCO WS-C2960-48TC-L	1	
134	NEW DELHI	Switch	D-Link	D-LINK D816TP	1	Not under AMC
135	NEW DELHI	Switch	D-Link	D-LINK D816TP	1	Not under AMC
136	NEW DELHI	Hub	HP	3 COM	1	Not under AMC

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
137	OKHLA	Switch	D-Link	D LINK DES-1024D	1	
138	OKHLA	Switch	D-Link	D LINK DES-1024D	1	
139	OKHLA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
140	PANAJI	Switch	Cisco	Cisco 2960	1	
141	PATNA	Switch	D-Link	D-LINK DES 3526	1	
142	PEENYA	Switch	Cisco	LINKYS	1	
143	PEENYA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
144	PIMPRI	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
145	PONDICHERRY	Switch	Super Stack	Super Stack 3C16630A	1	Not in AMC
146	PUNE	Switch	D-Link	D-LINK DES 3526	1	
147	PUNE	Switch	D-Link	D-Link DES 1016D	1	
148	PUNE	Switch	D-Link	D-Link DES 1016D	1	
149	RAIPUR	Switch	D-Link	D-LINK DES 3526	1	
150	RAJAHMUNDRY	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
151	RAJKOT	Switch	Cisco	Cisco 2960	1	
152	RANCHI	Switch	Cisco	Cisco 2950	1	
153	ROURKELA	Switch	D-Link	D-LINK DES 3526	1	
154	RUDRAPUR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
155	SHILLONG	Switch	Cisco	LINKYS	1	
156	SHIMLA	Switch	Cisco	LINKYS	1	Not under AMC

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
157	SHIMLA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
158	SURAT	Switch	Cisco	LINKYS	1	Not under AMC
159	SURAT	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
160	THANE	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
161	TIRUPUR	Switch	Cisco	Cisco 2960	1	
162	TRICHY	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
163	UDAIPUR	Switch	D-Link	DLINK DNT100	1	Not under AMC
164	UDAIPUR	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
165	VARANASI	Switch	D-Link	DLINK DSL 1024A	1	
166	VATVA	Switch	Cisco	LINKYS	1	
167	VATVA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
168	VIJAYWADA	Switch	Cisco	LINKYS	1	Not under AMC
169	VIJAYWADA	Switch	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
170	VISAKHAPATNAM	Switch	Cisco	CISCO 2960	1	
171	BHUBANESHWAR	SWITCH	CISCO	2960	1	
172	New Delhi	SWITCH	HCL	24T-1S-24 port	1	Not under AMC

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
173	New Delhi	SWITCH	D-Link	3226-24 port	1	30/04/2016
174	INDORE	SWITCH	D-Link	3226-24 port	1	30/04/2016
175	NOIDA	SWITCH	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
176	CHANDIGARH	SWITCH	D-LINK	DES-1024A	1	30/04/2016
177	HYDERABAD	SWITCH	D-LINK	10080	1	Not under AMC
178	BANGALORE	SWITCH	DLINK	DES-1016 A 16 PORT	1	Not in AMC
179	BANGALORE	SWITCH	DLINK	DES-1008 D 8 PORT	1	Not in AMC
180	BANGALORE	SWITCH	LINKSYS	LINK SYS 8 PORT	1	Not in AMC
181	BANGALORE	SWITCH	DLINK	DES-1008 D 8 PORT	1	Not in AMC
182	Ahmedabad	Switch	Cisco	Catalyst 2960	1	30/09/2015
183	Ahmedabad	Switch	D-Link	Des-322 GS	1	
184	Ahmedabad	Switch	CISCO	SF90D-08	1	Not Under AMC
185	Coimbatore	Switch	XSTACK	DES-3592	1	Not Under AMC
186	BHUBNESHWAR SITI	Switch	CISCO	WS-C3560X-24	1	
187	GUWAHATI	Switch		Lattis hub 2813	1	Not under AMC
188	GUWAHATI	Switch	D LINK	DES-3526	1	
189	Kolkata	Switch	D-LINK	DFE-2616ix - 10 BASE -T/ 100 BASE TX DUAL SPEED HUB	1	Not under AMC
190	JALANDHAR	SWITCH	CISCO	CATALYST 10/100	1	

S.N.	Location	Equipment Type	Make	Model	Qty.	AMC To date
191	TIRUPUR	SWITCH	D LINK	DES 3526	1	Not under AMC
192	FARIDABAD	SWITCH	DIGISOL	4000	1	Not under AMC
193	Bahadurgarh	SWITCH	HP	HP-2530-24G	1	Under Warranty upto 11/08/2016
194	Gangtok	SWITCH	DLINK	DES 1008	1	
195	Ghaziabad	SWITCH	DLINK	DES1008	1	

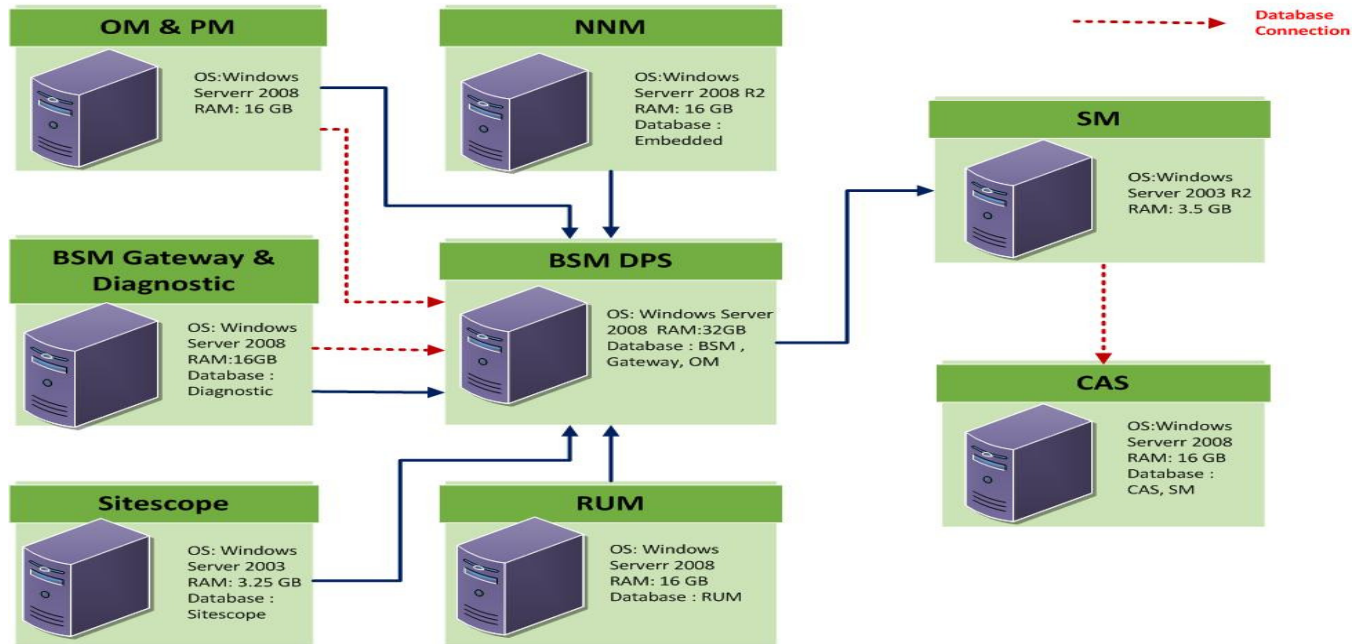


## 6. Appendix VI – Details of EMS Infrastructure

SN	Component	Purpose
1	Network Node Manager	Network device monitoring
2	Operations Manager	Server Health Monitoring
3	Client Automation Server	Server or Desktop Patch deployment
4	Service Manager	Ticketing Tool
5	Business Service Management (BSM) Diagnostic	Deep drill down into transaction for root cause analysis
6	BSM RUM	Real user monitoring – End user Monitoring
7	BSM Site Scope	Agent-less monitoring of IT Infrastructure
8	BSM	Dashboards and reports, Single console for all events
<b>❖ HP - BSM Tools Details</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Business Service Mgmt (BSM-9.1)</li> <li><input checked="" type="checkbox"/> Sitescope 11.24 - Solution (DBA, Websphere &amp; MQ)</li> <li><input checked="" type="checkbox"/> Real user monitoring (RUM – 9.20)</li> <li><input checked="" type="checkbox"/> Diagnostics – 9.1 – (Application Drill Down)</li> </ul>		<b>❖ HP –Other tools</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Service Manager 7.11 (Help Desk)</li> <li><input checked="" type="checkbox"/> Network Monitoring – (NNMi -9.20)</li> <li><input checked="" type="checkbox"/> Operations Manager : Version 9.0 (Server Monitoring)</li> <li><input checked="" type="checkbox"/> Client Automation Service (CAS – 7.9) –</li> </ul>

❖ Overview of HP - BSM Tools deployment

**HP Monitoring Tool Architectural Diagram**



## 7. Details of WAN Connectivity and Network Switches

Location	Category	WAN Connectivity – No of Links			Number of Network Switches		Remarks
		Service Provider -1	Service Provider -2	Service Provider -3	L2	L3	
AHMEDABAD	CAT A	✓	✓		2		
BAHADURGARH	CAT A		?		1		
BANGLORE	CAT A	✓	?		2		
BHUBANESHWAR SITI	CAT A	?			5	1	
CHANDIGARH	CAT A	?	✓		2		
CHENNAI	CAT A				7		Since, DR is currently at Chennai hence no separate WAN links are taken for the Regional Office.
COIMBATORE	CAT A	?	?		2		
FARIDABAD	CAT A	?	?		2		
GUWAHATI	CAT A	?	?		1		
HYDERABAD	CAT A	?	?		2		
INDORE	CAT A	?	?		2		
JAIPUR	CAT A		?		2		
KOLKATA	CAT A	✓	?		2		
LUCKNOW	CAT A	?	?		10	1	
MUMBAI	CATA				20	1	Since, DC is currently at Mumbai hence no separate WAN links are taken for Mumbai Office.
MORBI	CAT A		?		1		
NEW DELHI	CAT A	✓	?		5	1	

Location	Category	WAN Connectivity – No of Links			Number of Network Switches		Remarks
		Service Provider -1	Service Provider -2	Service Provider -3	L2	L3	
		PUNE	CAT A	☐			
AGARTALA	CAT B			✓	1		
AGRA	CAT B	✓			1		
AHMEDNAGAR	CAT B		✓		1		
AIZWAL	CAT B			✓	1		
ALWAR	CAT B	✓			1		
AMBATTUR	CAT B	☐			1		
ANDHERI	CAT B	☐			1		
AURANGABAD	CAT B		✓		1		
BALANAGAR	CAT B	✓			1		
BARODA	CAT B	☐			1		
BHOPAL	CAT B	☐			1		
BHUBANESHWAR	CAT B	☐			1		
CHINCHWAD	CAT B	☐			1		
DEHRADUN	CAT B		✓		1		
DIMAPUR	CAT B			✓	1		
ERODE	CAT B	✓			1		
GANDHIDHAM	CAT B		✓		1		
GANGTOK	CAT B			✓	1		
GAZIABAD	CAT B		☐		1		
GREATER NOIDA	CAT B	✓			1		
GURGAON	CAT B	☐			1		
HOSUR	CAT B		✓		1		
HUBLI	CAT B	✓			1		
IMPHAL	CAT B			✓	1		

Location	Category	WAN Connectivity – No of Links			Number of Network Switches		Remarks
		Service Provider -1	Service Provider -2	Service Provider -3	L2	L3	
ITANAGAR	CAT B			?	1		
JALANDHAR	CAT B	✓			1		
JAMMU	CAT B		✓		1		
JAMNAGAR	CAT B			✓	1		
JAMSHEDPUR	CAT B		✓		1		
JODHPUR	CAT B	✓			1		
KANPUR	CAT B		✓		1		
KISHANGARH	CAT B	✓			1		
KOCHI	CAT B		✓		2		
KOLHAPUR	CAT B		?		1		
KUNDLI	CAT B	✓			1		
LUDHIANA	CAT B	?			1		
MADURAI	CAT B	?			1		
MYSORE	CAT B	?			1		
NAGPUR	CAT B	?			1		
NASIK	CAT B		✓		1		
NOIDA	CAT B	✓			1		
OKHLA	CAT B	?			1		
PANAJI	CAT B		✓		1		
PATNA	CAT B		?		1		
PEENYA	CAT B		?		1		
PUDUCHERY	CAT B	✓			1		
RAIPUR	CAT B	?			1		
RAJKOT	CAT B		✓		1		
RANCHI	CAT B		?		1		

Location	Category	WAN Connectivity – No of Links			Number of Network Switches		Remarks
		Service Provider -1	Service Provider -2	Service Provider -3	L2	L3	
ROURKELA	CAT B	✓			1		
RUDRAPUR	CAT B		✓		1		
SHILLONG	CAT B			✓	1		
SHIMLA	CAT B	✓			1		
SURAT	CAT B	?			1		
THANE	CAT B	?			1		
TIRUPUR	CAT B	?			1		
TRICHY	CAT B	?			1		
UDAIPUR	CAT B			✓	1		
VARANASI	CAT B		✓		1		
VATVA	CAT B	✓			1		
VIJAYWADA	CAT B			✓	1		
VISAKHAPATNAM	CAT B		✓		1		
MUMBAI	DC	✓	?	✓	8	4	
MUMBAI BACKUP	DC	?	?				
CHENNAI	DR	✓	✓	?	2	3	
DC - DR	P2P	?	?				

**Note:**

- i. Three service providers are providing services and locations are distributed based on feasibility of service provider and permissions from landlord for implementation of wired/wireless connectivity.
- ii. Last mile at the locations is either wired or wireless based on feasibility.
- iii. Locations are categorized to two categories:
  - a. CAT A locations are dual homed with WAN links from two service providers terminated on separate routers.

- b. CAT B locations are single homed with backup from same service provider on CDMA, 3G, VPN over broadband, RF etc, based on feasibility. The backup link is either terminated on same router or separate device is attached to router.
- iv. Bandwidth at the locations vary from 256Kbps to 4Mbps with aggregation points (DC and DR) bandwidth varying from 1Mbps to 64Mbps, based on number of locations connected on each service provider.
- v. Details of WAN service providers will be given to the shortlisted bidder.
- vi. Based on its requirement Bank may add additional links from same or new service provider(s).
- vii. Replacement of switches is in progress, for which separate tender is being issued. Hence, the number indicated against each location is the proposed number of switches; however the same may vary depending upon requirement of future projects.

## 8. Details of Security Devices

S.N.	Equipment	Make	Model	Quantity	Remarks
<b>A. Mumbai, Datacenter</b>					
1	Network Intrusion Prevention System	Cisco	4240	01	In process of replacement in current FY.
2	Firewall – Core	Fortigate	3600	02	In HA
3	Firewall – Perimeter	Fortigate	800	02	<ul style="list-style-type: none"> <li>In HA.</li> <li>In process of replacement during current FY.</li> </ul>
4	Firewall	Fortigate	60C	01	For INFINET connectivity
5	Web Gateway Security	Ironport	370	02	<ul style="list-style-type: none"> <li>Includes proxy with content filtering and antivirus, antimalware.</li> <li>The equipments are deployed in cold standby.</li> </ul>
<b>B. Chennai, DR Site</b>					
1	Firewall	Checkpoint	4800	01	
2	Firewall	Fortigate	60D	01	For NDS connectivity

**Note:**

- i. Bank would be replacing the perimeter firewall and NIPS at DC and adding core firewall and NIPS at DR in the current FY. In order to implement the same L2 and L3 switches will also be added. Separate RFP would be issued for the same.
- ii. Bank would be implementing IT security consultant recommendations during the period of contract and setting up SOC.



## 9. Details of Internet

### A. Datacenter

- a. Bandwidth / links contracted from two service providers. Links terminating on separate routers.
- b. Link load balancers (Radware Linkproof) implemented for load balancing between the links

### B. DR Site

- a. Bandwidth contracted from single service providers.

#### Note:

- i. During period of contract Bank may add additional links at DC and DR from existing / new service provider.
- ii. Bank may implement Web Gateway Security and link load balancers at DR.