**List of Appendix**

[1. Appendix I – List of Offices 2](#_Toc440896996)

[2. Appendix III – List of Hardware at Data Center, Mumbai 6](#_Toc440896997)

[3. Appendix II – List of Hardware (Other than Network) at Data Center, Mumbai 17](#_Toc440896998)

[4. Appendix IV – List of Servers at other Offices 19](#_Toc440896999)

[5. Appendix V – Office Wise list of Network Equipments and Security Devices 22](#_Toc440897000)

[6. Appendix VI – Details of EMS Infrastructure 33](#_Toc440897001)

[7. Details of WAN Connectivity and Network Switches 35](#_Toc440897002)

[8. Details of Security Devices 40](#_Toc440897003)

[9. Details of Internet 41](#_Toc440897004)

## Appendix I – List of Offices

|  |  |  |  |
| --- | --- | --- | --- |
| **Office wise count as on August 15, 2015** | | | **1064** |
|  |  |  |  |
| **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** | 15 |
| Branch Office | Ahmedabad | Ahmedabad BO | 22 |
| Branch Office | Baroda | Baroda 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** | 11 |
| Branch Office | Bangalore | Bangalore 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** | 15 |
| Branch Office | Bhubneshwar | Bhubaneshwar 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** | 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 | Indire | Indore BO | 8 |
| Branch Office | Nagpur | Nagpur BO | 6 |
| Branch Office | Raipur | Raipur BO | 5 |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Regional Office** | **Jaipur** | **Jaipur RO** | 10 |
| 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** | 7 |
| 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** | 12 |
| 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** | 14 |
| 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** | 10 |
| Extended Branch Office | Ahmednagar | Ahmednagar XBO | 2 |
| Branch Office | Aurangabbad | 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 |
|  |  | **Total** | **1042** |
|  |  |  |  |
| 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 |
|  |  | **Total** | **22** |
|  |  |  |  |

**## - 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.**

## 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 |
| 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 | 0919BD15FE | 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 |
| 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 | SGH2132WFW |  |  |  |  |  |  | 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 @3.2Ghz | 1 | 16 | 2\*600 | Windows 2008 Standard R2 64 bit | SWIFT Alliance | Warranty |
| 31 | HP | Hp BL860c i2 | SGH2132WFV | 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 | CN7807A036 | 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 | CN7807A035 | 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 | CN7807A03A | 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 - Seconday | Warranty |
| 40 | Dell | Dell Power Edge R710 | CZ3QPQ1 | Intel(R) Xeon(R) E5630 @ 2.53GHz | 1 | 16 GB | 2\*300GB | Windows 2008 Enterprise 64 bit | NDS - Primary | Warranty |
| 41 | HP | HP PROLIANT DL360 G5 | SGH7204TAH |  |  |  |  | Windows 2003 standard 32 bit | RETURES |  |
| 42 |  | HP PROLIANT Chassis | SGH114XW8N |  |  |  |  |  |  | 31/12/2015 |
| 43 | HP | HP Proliant BL460C G7 | SGH112XJXM | 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 | SGH112XJXP | 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 | SGH112XJXR | 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 | SGH123XD4A | 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 | SGH112XJXL | 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 | SGH112XJXK | 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 | SGH123XJSH | Quad-Core Intel Xeon, 2400 MHz | 2 | 48 | 2\*500GB | RHEL 5.5 | DEV - DEV DB / UAT DB | 31/12/2015 |
| 50 | SUN | SUN X4270 | 1010XF7040 | 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 | SGH7143EV9 |  |  |  |  |  |  | 30/04/2016 |
| 52 | HP | BL 20 p - HP | CN770900MD | 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 | CN770900G6 | 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 | CN770900G2 | 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 | CN770900G9 | 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 | CN770900FP | Dual-Core Intel Xeon 5110 (1.60 GHz/1066 FSB) | 1 | 2 | 72GB x 2 | RHEL 6.4 | Lotus Domino-Traveller | 30/04/2016 |
| 57 | HP | BL 20 p - HP | CN770900FS | 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 | CN770900ME | 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 | CN770900FV | 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 | SGH7143EV7 |  |  |  |  |  |  | 30/04/2016 |
| 61 | HP | BL 20 p - HP | CN770900FR | 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 | CN770900G5 | 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 | CN770900FW | 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 | CN770900GB | 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 |
| 65 | HP | BL 20 p - HP | CN770900FN | 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 | CN770900G8 | 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 | CN770900GC | 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 | CN770900FX | 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 | SGH51508A2 | 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 | SGH7143EV8 |  |  |  |  |  |  | 30/04/2016 |
| 71 | HP | BL 20 p - HP | CN770900G4 | 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 | CN770900FZ | 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 |
| 73 | HP | BL 20 p - HP | CN770900G0 | 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 | CN770900G7 | 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 | CN770900FU | 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 | CN770900G3 | 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 | CN770900FT | 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 | CN770900FY | 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 |
| 79 | HP | HP-RX6600 | SGH51508A3 | 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 | SGH007XYAB | 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 | CN701704RK | 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 | SGH1180XE15 | 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 | SGH1180XE13 | 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 | SGH5116NH9 | 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 | PR5071182F |  |  |  |  |  |  | Not in Use |
| 86 | HP | HP Storage Work HSV200A |  |  |  |  |  |  |  | Not in Use |
| 87 | HP | HP EVA4000 (AH051A) | SGH0716XFX |  |  |  |  |  |  | Not in Use |
| 88 | HP | HP EVA 4400 Storage | SGA11401HY |  |  |  | 8\*300GB |  |  | 30/04/2016 |
| 89 | HP | HSV300 Controller | SGH115XNSR |  |  |  |  |  |  | 30/06/2015 |
| 90 | HP | HP Storage SAN Switch | USB330T4E3 |  |  |  |  |  |  | 06/01/2017 |
| 91 | HP | HP Storage SAN Switch | CZC109TWT8 |  |  |  |  |  |  | 02/05/2016 |
| 92 | HP | SAN Storage Work | SGA10901TW |  |  |  | 12\*1024GB |  |  | 05/02/2016 |
| 93 | HP | SAN controller HSV 300 | SGA114006U |  |  |  |  |  |  | 05/02/2016 |
| 94 | HP | HP1840 Ultirum Tape drive | HUE1040KEN |  |  |  |  |  |  | 01/04/2015 |
| 95 | Citrix | Netscalar MPX 5550 | 7GG832AUED |  |  |  |  |  |  |  |
| 96 | HP | HP Storage SAN Switch | MY5142G056 |  |  |  |  |  |  | 01/04/2016 |
| 97 | HP | HP Storage SAN Switch | MY5142G084 |  |  |  |  |  |  | 01/04/2016 |

## 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 | Netscalar | 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 @ 2.40 GHz | 2 | 16 GB | 600 GB | Windows 2003 R2 Enterprise 32 Bit | CITRIX | Warranty |
| 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 |

## 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 |

## 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 |
| 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 |
| 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 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 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 |  |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |  |
| 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 |  |

## 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 | | |
| * **HP - BSM Tools Details** * Business Service Mgmt (BSM-9.1) * Sitescope 11.24 - Solution (DBA, Websphere & MQ) * Real user monitoring (RUM – 9.20) * Diagnostics – 9.1 – (Application Drill Down) | * **HP –Other tools** * Service Manager 7.11 (Help Desk) * Network Monitoring – (NNMi -9.20) * Operations Manager : Version 9.0 (Server Monitoring) * Client Automation Service (CAS – 7.9) – |
| * **Overview of HP - BSM Tools deployment**   D:\01. myProjects\01. LiveProjects\02. IMO_2016.900\11. RfP. Preparation\05. RfP_WiP\00. Live\Support\EMS.jpg | |

## 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 |  |
| PUNE | CAT A |  |  |  | 2 |  |  |
| 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 |  |  |
| 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 |  |  |
| 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:**

1. 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.
2. Last mile at the locations is either wired or wireless based on feasibility.
3. Locations are categorized to two categories:
4. CAT A locations are dual homed with WAN links from two service providers terminated on separate routers.
5. 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.
6. 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.
7. Details of WAN service providers will be given to the shortlisted bidder.
8. Based on its requirement Bank may add additional links from same or new service provider(s).
9. 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.

## Details of Security Devices

| **S.N.** | **Equipment** | **Make** | **Model** | **Quantity** | **Remarks** |
| --- | --- | --- | --- | --- | --- |
| **A.** | **Mumbai, Datacenter** | | | | |
| 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 | * In HA. * In process of replacement during current FY. |
| 4 | Firewall | Fortigate | 60C | 01 | For INFINET connectivity |
| 5 | Web Gateway Security | Ironport | 370 | 02 | * Includes proxy with content filtering and antivirus, antimalware. * The equipments are deployed in cold standby. |
| **B.** | **Chennai, DR Site** | | | | |
| 1 | Firewall | Checkpoint | 4800 | 01 |  |
| 2 | Firewall | Fortigate | 60D | 01 | For NDS connectivity |

**Note:**

1. 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.
2. Bank would be implementing IT security consultant recommendations during the period of contract and setting up SOC.

## Details of Internet

1. **Datacenter**
2. Bandwidth / links contracted from two service providers. Links terminating on separate routers.
3. Link load balancers (Radware Linkproof) implemented for load balancing between the links
4. **DR Site**
5. Bandwidth contracted from single service providers.

**Note:**

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