FORMAT 8 UNPRICED BILL OF MATERIALS

1. **Hardware including all network components and system software required at the DC**

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| --- | --- | --- | --- | --- | --- |
| **A.** | **Hardware including all network components** | | | | |
| **S. No.** | **Name of the Hardware / Networking Component** | **Make** | **Model** | **Unit of Measure** | **Quantity** |
|  | Database Server |  |  |  | 2 |
|  | Application Server |  |  |  | 2 |
|  | Web Server |  |  |  | 2 |
|  | LDAP Server and Antivirus Servers |  |  |  | 2 |
|  | Development and QA Servers |  |  |  | 2 |
|  | Blade Chassis |  |  |  | 1 |
|  | Backup Server |  |  |  | 1 |
|  | MPLS Router |  |  |  | 2 |
|  | Load Balancer |  |  |  | **2** |
|  | Storage Array |  |  |  | 1 |
|  | Tape Library |  |  |  | 1 |
| **B.** | **System Software Licenses / Middleware / Tools etc.** | | | | |
| **S. No.** | **Name of the Software / Middleware / Tools etc.** | **Make** | **Version** | **Year of Release** | **No. of Licenses** |
|  | Server Operating System – Enterprise Edition With 2 virtual nodes |  |  |  | 7 |
|  | Server Operating System – Enterprise Edition With minimum 4 virtual nodes |  |  |  | 4 |
|  | LDAP and IdAM |  |  |  | 700 users |
|  | Middleware |  |  |  | 1 |
|  | Backup Solution |  |  |  | 1 |
|  | Helpdesk |  |  |  | 1 |
|  | Antivirus for Servers |  |  |  | 11 |

1. **Network components (including the hardware required at the Corporate Office and branches)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name of the Hardware / Networking Component / other items** | **Location** | **Make** | **Model** | **Unit of Measure** | **Quantity** |
|  | Core Switch | CO, floor 23 |  |  |  | 2 |
|  | Internet Router | CO, floor 23 |  |  |  | 2 |
|  | MPLS Router | CO, floor 23 |  |  |  | 2 |
|  | L2 - 16 Port Switch | CO, floor 23 |  |  |  | 2 |
|  | UTM | CO, floor 23 |  |  |  | 2 |
|  | Wireless Access Controller | CO, floor 23 |  |  |  | 2 |
|  | POE L2 Switch | CO, floor 23 |  |  |  | 2 |
|  | POE L2 Switch | CO, floor 17 |  |  |  | 2 |
|  | POE L2 Switch | CO, floor 10 |  |  |  | 2 |
|  | POE L2 Switch | CO, floor 6 |  |  |  | 2 |
|  | POE L2 Switch | CO, floor 4 |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, floor 23 |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, floor 17 |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, floor 10 & 10 A |  |  |  | 3 |
|  | Wireless Access Points – ac | CO, floor 7A |  |  |  | 1 |
|  | Wireless Access Points – ac | CO, floor 6 & 6A |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, floor 5 |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, floor 4 & 4A |  |  |  | 2 |
|  | Wireless Access Points – ac | CO, Ground |  |  |  | 1 |
|  | Wireless Access Points – ac | CO, Basement |  |  |  | 1 |
|  | MPLS Wireless Router | Agra |  |  |  | 1 |
|  | Branch Router | Ahmedabad, floor 6 |  |  |  | 2 |
|  | Wireless Access Points – ac | Ahmedabad, floor 6 |  |  |  | 1 |
|  | Wireless Access Points – ac | Ahmedabad, floor 7 |  |  |  | 1 |
|  | MPLS Wireless Router | Bengaluru |  |  |  | 1 |
|  | Branch Router | Chennai, floor 2 |  |  |  | 2 |
|  | Wireless Access Points – ac | Chennai, floor 2 |  |  |  | 1 |
|  | Wireless Access Points – ac | Chennai, floor 3 |  |  |  | 1 |
|  | MPLS Wireless Router | Hyderabad |  |  |  | 1 |
|  | MPLS Wireless Router | Jalandhar |  |  |  | 1 |
|  | Branch Router | Kolkata, floor 9 |  |  |  | 2 |
|  | Wireless Access Points – ac | Kolkata, floor 9 |  |  |  | 1 |
|  | Wireless Access Points – ac | Kolkata, floor 10 |  |  |  | 1 |
|  | Branch Router | Mumbai |  |  |  | 2 |
|  | Wireless Access Points – ac | Mumbai |  |  |  | 1 |
|  | Wireless Access Points – ac | Mumbai |  |  |  | 1 |
|  | MPLS Wireless Router – ac | Cochin |  |  |  | 1 |
|  | MPLS Wireless Router – ac | Coimbatore |  |  |  | 1 |
|  | MPLS Wireless Router - ac | Gandhidham |  |  |  | 1 |
|  | MPLS Wireless Router - ac | Guntur |  |  |  | 1 |
|  | Passive |  |  |  |  |  |
|  | **MPLS Wireless Router - ac** | **Bhopal** |  |  |  | **1** |

1. **Application Software Licenses**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Software** | **Make** | **Version** | **Year of release** | **No. of Licenses** |
| 1. | Finance and Accounts, HR, Payroll and Document Management System |  |  |  | 190 |
| 2. | Employee Self-Service and Intranet Portal with File Tracking |  |  |  | 700 |
| 3. | Antivirus |  |  |  | 400 |

1. **MPLS/Bandwidth for Internet Connectivity**

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| --- | --- | --- | --- |
| **S. No.** | **Item** | **Service Provider** | **Bandwidth** |
| **1.** | **Bandwidth for internet connectivity** | | |
| 1.1 | Primary Connectivity |  | 40 mbps |
| 1.2 | Secondary Connectivity |  | 20 mbps |
| **2.** | **MPLS Bandwidth** | | |
| 2.1 | Corporate Office, New Delhi |  | 8 mbps |
| 2.2 | Agra |  | 512 kbps |
| 2.3 | Ahmedabad |  | 2 mbps |
| 2.4 | Bengaluru |  | 1 mbps |
| 2.5 | Bhopal |  | 512 kbps |
| 2.6 | Chennai |  | 2 mbps |
| 2.7 | Hyderabad |  | 1 mbps |
| 2.8 | Jalandhar |  | 512 kbps |
| 2.9 | Kolkata |  | 2 mbps |
| 2.10 | Mumbai |  | 2 mbps |
| 2.11 | Cochin |  | 512 kbps |
| 2.12 | Coimbatore |  | 256 kbps |
| 2.13 | Gandhidham |  | 512 kbps |
| 2.14 | Guntur |  | 256 kbps |
| 2.15 | Data Centre |  | 8 mbps |

(Authorized Signatory)

Name & Designation