**Annex 7 – Technical specification for CISCO**

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| S/N | Items | Qty | Specifications |
| 1 | CISCO Access switch 48 port | 6 | Catalyst 9200 48-port PoE+, Network Essentials, with stacking, Network Modules C9200L-48PL-4X-E |
| 2 | CISCO Access switch 24 port | 26 | Cisco C9200L-24P-4G-A PoE+, Network Essentials, with stacking, Network Modules |
| 3 | CISCO Core switch 48 port | 2 | C9300L-48P-4X-A Catalyst 9300L 48-port PoE+ 4x10G uplink Switch, Network Advantage, |
| 4 | CISCO Wireless LAN Controller | 2 | Cisco Catalyst 9800-L Wireless Controller Copper Uplink (C9800-L-C-K9) |
| 5 | Access Point | 130 | Cisco Catalyst 9105AX Series (C9115AXI-E) |
| 6 | CISCO Rack Mount Tray | 2 | Cisco C9800 Wireless Controller Rack Mount Tray (C9800L-RMNT) |
| 7 | Cisco ISE 3.1 Virtual Machine | 2 | Cisco ISE 3.1 Virtual Machine Common PID (R-ISE-VMC-K9=) |
| 8 | Cisco Swss upgrades Cisco ISE Virtual Machine Common PID | 2 | Cisco Swss upgrades Cisco ISE Virtual Machine Common PID (ON-ECMU-RISE9KVM) |
| 9 | Cisco Identity Service Engine Advantage Subscription | 1000 | Cisco Identity Service Engine Advantage Subscription (ISE-A-LIC) 3 year |
| 10 | Cisco SmartNet License |  | Cisco SmartNet License For each Cisco product (Item 1 to 8) |