# Supply, Installation, Configuration & Commissioning of Host Server for EMS Hospital



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# EMS MEMORIAL CO-OPERATIVE HOSPITAL & RESEARCH CENTRE PERINTHALMANNA
## Technical Specification of Hardware

### QUOTATION NOTICE FOR HOST SERVERS, STORAGES,RHEL SUBSCIRPTIONS,SAN SWITCHES AND RACK

EMCH/QTN/GEN/46/2025                                    08.12.2025

Sealed quotations are hereby invited from established manufacturers / authorized suppliers for Supply, Installation, Configuration & Commissioning of Host Servers and related equipment in the EMS Hospital. Interested and qualified parties can submit their quotations in accordance with the stipulated guidelines.

The detailed technical specifications for the hardware are available in website. emshospital.org.in/about/tender

Quotation should be in two sealed covers for each item

The technical bid, super scribed "Technical bid," must incorporate the comprehensive technical specifications for each hardware and a detailed list of clients.

Second cover super scribed "Commercial bid " with name of item should include commercial terms such as price, Warranty terms, tax if any ,AMC,CMC Details for next 5 years after warrany, cost of spare parts.

Technical quotation will be scrutinized by a technical committee

Technically qualified quotations will be only being considered for the opening of Commercial quotations. L1, L2 and L3 will be considered for the further negotiations.

Sealed quotations addressed to The General Manager, EMS Memorial Co-Operative Hospital, Perinthalmanna, must be submitted to the Administrative Office of the hospital no later than 3 PM on 22.12.2025.

General Manager

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# 1. INTRODUCTION

- EMS Hospital intends to procure a high-performance Host Server to support critical healthcare applications, HIS/EMR/PACS, database workloads, and virtualization environments. This tender outline the technical specifications, supply requirements, installation responsibilities, and contractual obligations of the selected vendor.

# 2. OBJECTIVE

To select a qualified and experienced bidder for the supply, installation, testing, configuration, commissioning, and warranty support of a Host Server as per the specifications defined in this document.

# 3. SCOPE OF WORK – VENDOR RESPONSIBILITIES

## 3.1 Supply & Delivery

a. Supply hardware as per specifications

b. Ensure original, brand-new products

c. Deliver to EMS Hospital premises within the tendered delivery timeline

## 3.2 Installation & Commissioning

a. Physical installation and rack mounting all the hardware as per SPEC

b. Power and network connectivity setup

c. RAID configuration

d. BIOS configuration and firmware upgrade

e. Assigning IP and setting up remote management

## 3.3 Software Configuration

a. Installation of OS (Linux)

b. Basic system hardening and driver installation

c. KVM VM provisioning as per the EMS requirement

## 3.4 Testing & Validation

a. Performance and stress testing

b. RAID health verification

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c. Network throughput testing

d. PSU redundancy testing

### 3.5 Documentation

Vendor shall provide:

a. Installation Report

b. Configuration Documentation

c. Warranty Certificates

d. OEM Product Data Sheets

e. Remote Management Access Details

### 3.6 Training

a. Basic training to EMS Hospital IT staff on daily operations

# 4 DELIVERABLES

a. Fully installed and operational Host Server

b. All documentation, certificates, manuals, and warranty records

c. Completion & Commissioning Report signed off by EMS Hospital

# 5 TERMS AND CONDITIONS

### 5.1 Eligibility Criteria

a. Bidder must be an OEM or Authorized Partner/Distributor

b. Bid Specific Valid authorization letter required from OEM

c. Bidder must have at least 3 years experience in server supply/installation Minimum 3 similar work orders completed in the last 5 years, A copy of at least Single Purchase Order to the value of Rs.1Cr or above on Servers/Storage for any State / Central Government / Department / Organization / PSUs / Institutes Government funded.

### 5.2 Compliance Requirements

a. All quoted items must strictly adhere to the technical specifications

b. Any deviation must be clearly highlighted with supporting OEM documents

c. Failure to disclose deviations may lead to bid rejection

### 5.3 Delivery Timeline

a. The server must be delivered and installed within 6–8 weeks from PO date

b. Delay without valid justification may attract penalty as per hospital norms

## 5.4 Payment Terms

    a. 30% Advance against MoU in Rs.500/- stamp paper.

    b. 40% after Delivery

    c. 20% after installation & commissioning

    d. 10% after final acceptance

## 5.5 Warranty Support

a. 5 Years Onsite Support

b. Replacement of any defective part at no additional cost

c. Vendor must ensure service availability throughout warranty

d. 5 Year Bidder Onsite Support with SLA for Supplied Hardware

## 5.6 Penalties

a. Delay in delivery/installation may attract liquidated damages

b. Penalty: 0.5% per week, maximum 5% of total order value

## 5.7 Acceptance Criteria

a. Hardware meets all technical specifications

b. Successful installation, testing, and commissioning

c. Final sign-off by EMS Hospital authorized personnel

## 5.8 Subcontracting

a. Subcontracting is not allowed without prior written approval

## 5.9  Governing Law

a. The tender shall be governed by applicable laws under the jurisdiction of the state where EMS Hospital operates

# 6. EXCLUSIONS

a. Third-party application/software installation

b. Network infrastructure not directly related to server

c. Data migration from existing infrastructure

# 7. FORCE MAJEURE

Events such as natural disasters, war, pandemics, or government restrictions may exempt both parties from penalty for non-performance.

# 8. BID SUBMISSION FORMAT

## Technical Bid (Envelope 1)

a. Company Profile

b. PAN, GST Registration

c. Bid Specific OEM Authorization Letter

d. List of Past Projects

e. Compliance Sheet (Annexure-II)

f. Data sheet should be submitted for each item for the technical compliance.

g. Detailed Bill of Materials for all the required components should be mentioned else, the bidder will be disqualified.

h. Signed and sealed copy of tender document

## Financial Bid (Envelope 2)

- Price Bid in prescribed format
- All-inclusive cost (taxes, installation, transport, etc.)

# 9. GENERAL TERMS & CONDITIONS

a. The bidder must quote all items; partial quotes will not be accepted.

b. The hospital reserves the right to accept or reject any bid without assigning reasons.

c. All supplied hardware must be genuine and from authorized channels.

d. Sub-contracting is not permitted without prior written approval.

e. All disputes will be governed by local jurisdiction laws.

f. Force Majeure conditions will be honoured if proven.

# 10. INSTRUCTIONS TO BIDDERS

## 10.1 Mode of Submission:

a. Bids must be submitted in Two Bid System:

    (a) Technical Bid

    (b) Financial Bid

b. Bids must be sealed and submitted to the Procurement Office, EMS Hospital.

## 10.2 Eligibility Criteria:

a. OEM or Authorized Partner (Bid Specific Authorization letter mandatory)

b. At least 5 years of experience in supplying & installing Servers

c. Minimum 3 similar completed projects in last 5 years

d. PAN, GST Certificate, Company Registration Certificate

e. The Bidder should have positive net worth for last three audited Financial Years.

f. Bidder should be an established IT hardware supplier and solution provider and should have been registered office in Kerala for Local Support.

g. Server OEM should be ranked one of the top 2 server OEM's in the country as per the last Three quarters (2022 - 2025) of IDC x86 server market report of India. The copy of these report needs to be submitted in the technical bid

## 10.3 Bid Rejection Conditions:

a. Late submission

b. Incomplete documentation

c. Deviations without proper OEM supporting documents

d. Conditional or vague bids

## 10.4 Bid Validity:

a. Bids must be valid for 90 days from date of submission.

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| INDEX – TECHNICAL SPECIFICATION DOCUMENT | | |
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| 1 | HOST SERVER 1 — DETAILED SPECIFICATION (QTY: 1) |
|---|---|
| CPU | Intel Xeon Silver Series (Latest Generation) |
| | 2 Processors |
| | Total Physical Cores: 64 Cores (32 × 2 CPUs) |
| | Base Frequency: 2.3 GHz or higher |
| | Cache: 22 MB or higher per CPU |
| | Architecture: 64-bit x86_64 |
| | Virtualization Support: Intel VT-x, VT-d |
| Memory | 256 GB DDR4/DDR5 ECC RDIMM |
| | Speed: 3200 MHz or higher |
| | Expandable up to 1 TB |
| Storage | OS: 2 × 2TB SAS 12Gbps (RAID 1) |
| | Data: 4 × 2TB SAS 12Gbps (RAID 5/6) |
| RAID | Hardware RAID Controller, 12Gbps |
| | RAID 0/1/5/6/10 |
| | 2GB NV Cache with battery/capacitor backup |
| Networking | 2 × 10G SFP+ |
| | 2 × 1G RJ45 |
| Fibre Channel | Dual Port 32Gb FC HBA |
| Management | Dedicated 1Gb management port |
| | iDRAC/iLO/IPMI with virtual KVM, remote media, firmware updates |
| | Power & Form Factor |
| Power & Form Factor | Redundant Platinum PSU |
| | 2U Rack Server |
| Warranty | 5 Years Onsite Warranty |

| 2 | HOST SERVER 2 — DETAILED SPECIFICATION (QTY: 1) |
|---|---|
| | Intel Xeon Silver Series (Latest Generation) |
| | 2 Processors |
| | Total Physical Cores: 64 Cores (32 × 2 CPUs) |

| | |
|---|---|
| CPU | Base Frequency: 2.3 GHz or higher |
| | Cache: 22 MB or higher per CPU |
| | Architecture: 64-bit x86_64 |
| | Virtualization Support: Intel VT-x, VT-d |
| Memory | 128 GB DDR4/DDR5 ECC RDIMM |
| | Speed: 3200 MHz or higher |
| | Expandable up to 1 TB |
| Storage | OS: 2 × 2TB SAS 12Gbps (RAID 1) |
| | Data: 4 × 2TB SAS 12Gbps (RAID 5/6) |
| RAID | Hardware RAID Controller, 12Gbps |
| | RAID 0/1/5/6/10 |
| | 2GB NV Cache with battery/capacitor backup |
| Networking | 2 × 10G SFP+ |
| | 2 × 1G RJ45 |
| Fibre Channel | Dual Port 32Gb FC HBA |
| Management | Dedicated 1Gb management port |
| | iDRAC/iLO/IPMI with virtual KVM, remote media, firmware updates |
| | Power & Form Factor |
| Power & Form Factor | Redundant Platinum PSU |
| | 2U Rack Server |
| Warranty | 5 Years Onsite Warranty |

| 3 | HOST SERVER 3 — DETAILED SPECIFICATION (QTY: 1) |
|---|---|
| CPU | Intel Xeon Silver Series (Latest Generation) |
| | 2 Processors |
| | Total Physical Cores: 64 Cores (32 × 2 CPUs) |
| | Base Frequency: 2.3 GHz or higher |
| | Cache: 22 MB or higher per CPU |
| | Architecture: 64-bit x86_64 |
| | Virtualization Support: Intel VT-x, VT-d |
| Memory | 96 GB DDR4/DDR5 ECC RDIMM |
| | Speed: 3200 MHz or higher |
| | Expandable up to 1 TB |
| Storage | OS: 2 × 520GB SSD (RAID 1) |
| | Data: 3 × 1TB SAS 12Gbps (RAID 5/6) |
| RAID | Hardware RAID Controller, 12Gbps |
| | RAID 0/1/5/6/10 |
| | 2GB NV Cache with battery/capacitor backup |
| Networking | 2 × 10G SFP+ |
| | 2 × 1G RJ45 |
| Fibre Channel | Dual Port 32Gb FC HBA |
| Management | Dedicated 1Gb management port |
| | iDRAC/iLO/IPMI with virtual KVM, remote media, firmware updates |
| | Power & Form Factor |
| Power & Form Factor | Redundant Platinum PSU |
| | 2U Rack Server |

| | |
|---|---|
| Warranty | 5 Years Onsite Warranty |

| 4 | HOST SERVER 4— DETAILED SPECIFICATION (QTY: 1) |
|---|---|
| CPU | Intel Xeon Silver Series (Latest Generation) |
| | 2 Processors |
| | Total Physical Cores: 64 Cores (32 × 2 CPUs) |
| | Base Frequency: 2.3 GHz or higher |
| | Cache: 22 MB or higher per CPU |
| | Architecture: 64-bit x86_64 |
| | Virtualization Support: Intel VT-x, VT-d |
| Memory | 128 GB DDR4/DDR5 ECC RDIMM |
| | Speed: 3200 MHz or higher |
| | Expandable up to 1 TB |
| Storage | OS: 2 × 2TB SAS 12Gbps (RAID 1) |
| | Data: 4 × 2TB SAS 12Gbps (RAID 5/6) |
| RAID | Hardware RAID Controller, 12Gbps |
| | RAID 0/1/5/6/10 |
| | 2GB NV Cache with battery/capacitor backup |
| Networking | 2 × 10G SFP+ |
| | 2 × 1G RJ45 |
| Fibre Channel | Dual Port 32Gb FC HBA |
| Management | Dedicated 1Gb management port |
| | iDRAC/iLO/IPMI with virtual KVM, remote media, firmware updates |
| | Power & Form Factor |
| Power & Form Factor | Redundant Platinum PSU |
| | 2U Rack Server |
| Warranty | 5 Years Onsite Warranty |

| 5 | HOST SERVER 5— DETAILED SPECIFICATION (QTY: 1) |
|---|---|
| CPU | Intel Xeon Silver Series (Latest Generation) |
| | 2 Processors |
| | Total Physical Cores: 64 Cores (32 × 2 CPUs) |
| | Base Frequency: 2.3 GHz or higher |
| | Cache: 22 MB or higher per CPU |
| | Architecture: 64-bit x86_64 |
| | Virtualization Support: Intel VT-x, VT-d |
| Memory | 256 GB DDR4/DDR5 ECC RDIMM |
| | Speed: 3200 MHz or higher |
| | Expandable up to 1 TB |
| Storage | OS: 2 × 2TB SAS 12Gbps (RAID 1) |
| | Data: 5 × 2TB SAS 12Gbps (RAID 5/6) |
| RAID | Hardware RAID Controller, 12Gbps |
| | RAID 0/1/5/6/10 |
| | 2GB NV Cache with battery/capacitor backup |
| Networking | 2 × 10G SFP+ |

| | |
|---|---|
| Networking | 2 × 1G RJ45 |
| Fibre Channel | Dual Port 32Gb FC HBA |
| Management | Dedicated 1Gb management port |
| | iDRAC/iLO/IPMI with virtual KVM, remote media, firmware updates |
| | Power & Form Factor |
| Power & Form Factor | Redundant Platinum PSU |
| | 2U Rack Server |
| Warranty | 5 Years Onsite Warranty |

| 6 | SAN STORAGE 60TB Usable Approx (QTY: 1) |
|---|---|
| | Dual Active–Active Storage Controllers |
| | No Single Point of Failure |
| | Each Controller with Minimum 12 GB Cache |
| Controller | Total Cache: 24 GB or Higher |
| Architecture | Enterprise Unified SAN Storage |
| Usable Capacity | Minimum 60 TB Usable After RAID |
| Disk Type | Supports SSD + SAS / NL-SAS |
| SSD Tier | 10 TB After RAID |
| SSD RAID | RAID 5 |
| SSD Usable Capacity | Approx. 9.6 TB |
| NL-SAS Tier | 50 TB After RAID |
| NL-SAS RAID | RAID 6 |
| NL-SAS Usable Capacity | 50 TB |
| Total Usable Capacity | 60TB |
| RAID Support | RAID 0 / 1 / 5 / 6 / 10 |
| Front-End Ports | 8 × 32Gb Fibre Channel Ports |
| Back-End Ports | 2 × 12Gb SAS Ports |
| Multipathing | MPIO Supported |
| Thin Provisioning | Supported |
| Auto Tiering | Supported (SSD ↔ NL-SAS) |
| Snapshots | Supported |
| Cloning | Supported |
| Replication | Supported |
| LUN Support | 1000+ LUNs |
| Host Compatibility | VMware ESXi 7/8 |
| | Windows Server 2019/2022 |
| | RHEL / Rocky / Ubuntu |
| Management | Web GUI Based Management |
| | CLI Management |
| | SNMP Monitoring |
| Scalability | Expandable with Disk Shelves |
| Power Supply | Redundant Hot-Swap Power Supplies |
| Cooling | Redundant Hot-Swap Fans |
| Form Factor | 2U / 4U Rack Mountable |
| Security | Role-Based Access Control |
| Firmware | Non-Disruptive Firmware Upgrade |

| Certification | VMware VAAI & VASA Certified |
|---|---|
| Warranty | 5 Years Comprehensive Onsite OEM Warranty |

| 7 | SAN SWITCH  (QTY: 2) |
|---|---|
| Form Factor | 1U Rack Mountable Fibre Channel Switch |
| Port Count | Minimum 24 × 32Gb Fibre Channel Ports |
| Port Status | All Ports Active from Day-1 |
| Speed Support | 32G / 16G / 8G Auto Negotiation |
| Switching Bandwidth | ≥ 307.2 Gbps |
| Latency | Ultra-low latency for SAN traffic |
| Zoning | Port Based / WWN Based / Fabric Zoning |
| Trunking | ISL Trunking Supported |
| NPIV | NPIV Supported |
| Fabric Services | Principal Switch, Fabric Login |
| Management | Web GUI Based Management |
|  | CLI Based Management |
| Monitoring | SNMP v1 / v2 / v3 |
| Logging | Syslog Supported |
| Firmware Upgrade | Non-Disruptive (ISSU) Upgrade |
| Security | Role Based Access Control |
| Power Supply | Dual Redundant Hot-Swap PSUs |
| Cooling | Redundant Hot-Swap Fan Modules |
| Compatibility | Compatible with All Major SAN Storage |
|  | Compatible with 32G / 16G / 8G HBAs |
| Mounting Kit | Complete Rack Mount Kit Included |
| Warranty | 5 Years Comprehensive OEM Warranty |
| Support | 24×7 OEM Technical Support |

| 8 | SFP Modules(QTY- 8) |
|---|---|
| Type | 32Gb Fibre Channel SFP+ |
| Wavelength | 1310 nm |
| Connector Type | LC Duplex |
| Fiber Type | OM4 Multimode Fiber |
| Distance Support | Up to 100 meters |
| Speed Compatibility | Backward Compatible with 16G / 8G |
| Standard | MSA Compliant |
| Branding | OEM Branded / OEM Approved |
| Hot Pluggable | Supported |
| Power Consumption | Low Power |
| Operating Temperature | 0°C to 70°C |
| Mounting | Plug-and-Play |
| Warranty | Minimum 1 Year (Preferably 5 Years) |

| 9 | Layer 3 Managed Network Switch(QTY 2) |
|---|---|
| Switch Type | Layer 3 Managed Network Switch |

| | |
|---|---|
| Form Factor | 1U Rack Mountable |
| Port Count (Access Ports | Minimum 24 × 1G RJ45 Ethernet Ports |
| Uplink Ports | Minimum 4 × 10G SFP+ Uplink Ports |
| Switching Capacity | ≥ 128 Gbps |
| Forwarding Rate | ≥ 95 Mpps |
| Stacking Support | Virtual Stacking / Physical Stacking Supported |
| Switching Mode | Store-and-Forward |
| Layer 2 Features | VLAN, Trunking (802.1Q), STP, RSTP, MSTP |
| Layer 3 Features | Static Routing, RIP, OSPF, VRRP |
| Multicast Support | IGMP Snooping, PIM |
| QoS | 802.1p, DSCP, Traffic Shaping |
| Security | ACLs, Port Security, DHCP Snooping, IP Source Guard |
| Authentication | 802.1X Port Based Authentication |
| Management | Web GUI, CLI |
| | SNMP v1 / v2 / v3 |
| | Syslog, NTP |
| Remote Management | SSH, Telnet |
| IPv4 / IPv6 Support | Supported |
| Redundancy | Link Aggregation (LACP) |
| Power Supply | Dual Redundant Hot-Swap Power Supplies |
| Cooling | Hot-Swap Redundant Fan Modules |
| Power over Ethernet (Po | Not Required / As Per Requirement |
| Mounting Kit | Complete Rack Mount Kit Included |
| EMI / EMC Compliance | FCC, CE Certified |
| Operating Temperature | 0°C to 45°C |
| Warranty | 5 Years Comprehensive OEM Warranty |
| Support | 24×7 OEM Technical Support |

| 10 | LC–LC Fiber Optic Patch Cord(30 nos) |
|---|---|
| Cable Type | LC–LC Fiber Optic Patch Cord |
| Fiber Type | Multimode OM4 |
| Core Type | Duplex (2 Core) |
| Connector Type – End A | LC Connector |
| Connector Type – End B | LC Connector |
| Polish Type | UPC |
| Operating Wavelength | 850 nm |
| Bandwidth | 4700 MHz·km |
| Jacket Type | LSZH (Low Smoke Zero Halogen) |
| Jacket Color | Aqua |
| Cable Length | 3 Meters / 5 Meters (As Required) |
| Insertion Loss | ≤ 0.3 dB |
| Return Loss | ≥ 35 dB |
| Bend Radius | As per OM4 Standard |
| Operating Temperature | -20°C to +70°C |
| Application | 32G / 16G / 8G Fibre Channel |
| Usage | SAN Switch ↔ SAN Storage |
| | SAN Switch ↔ Server FC HBA |

| | Direct Server ↔ Storage (If Required) |
|---|---|
| Compatibility | Fully Compatible with 32G FC SFP Modules |
| Standard Compliance | IEEE 802.3, TIA/EIA |
| Branding | OEM Branded / OEM Approved |
| Packaging | Individually Packed |
| Warranty | Minimum 1 Year Warranty |

| 11 | Red Hat Enterprise Linux (RHEL) (QTY 5) |
|---|---|
| OS Type | Red Hat Enterprise Linux (RHEL) |
| Version | RHEL 9.x (Latest Stable) |
| Architecture | 64-bit (x86_64) |
| License Type | Enterprise Subscription |
| Virtualization Support | KVM, VMware, Hyper-V |
| Cluster Support | Supported |
| Security | SELinux Enforcing Mode |
| Firewall | firewalld Supported |
| File System | XFS / EXT4 |
| Logical Volume Manager | LVM Supported |
| Multipathing | Device Mapper Multipath (DM-Multipath) |
| Storage Protocols | FC, iSCSI, NFS |
| Network Features | VLAN, Bonding, IPv4, IPv6 |
| Monitoring | Cockpit, Red Hat Insights |
| Patch Management | yum / dnf |
| System Logging | journald, rsyslog |
| Cloud & Container Support | Podman, Docker Compatible |
| Compliance | OpenSCAP Security Compliance |
| Support Type | Standard / Premium Support |
| Subscription Validity | 5 Years |
| Updates & Patches | Included for Full Subscription Term |
| Documentation | Official OEM Documentation |
| Warranty / Support | As per Red Hat Subscription |

| 12 | Red Hat Enterprise Linux (RHEL) (QTY 11) |
|---|---|
| OS Type | Red Hat Enterprise Linux (RHEL) |
| Version | RHEL 8.x / 9.x |
| Architecture | 64-bit (x86_64) |
| License Type | Guest VM Subscription |
| Hypervisor Compatibility | VMware, KVM, Hyper-V |
| Virtual NIC Support | VirtIO / VMXNET3 |
| Security | SELinux Enforcing Mode |
| Firewall | firewalld |
| File System | XFS / EXT4 |
| Logical Volume Manager | LVM Supported |
| Application Support | Web, Database, Java, Middleware |
| Container Support | Podman / Docker |
| Patch Management | yum / dnf |
| System Logging | journald, rsyslog |

| | |
|---|---|
| User Management | Local & AD Integrated |
| Security Hardening | CIS / SCAP Hardening |
| Backup Compatibility | Veeam, Commvault, Native Snapshots |
| Monitoring Compatibility | Zabbix / PRTG / Nagios |
| Support Type | Standard / Premium Support |
| Subscription Validity | 5 Years |
| Updates & Patches | Included |
| Documentation | Official OEM Documentation |
| Warranty / Support | As per Red Hat Subscription |

| 13 | RACK 42 U (QTY: 1) |
|---|---|
| Rack Height | 42U |
| Standard | 19-Inch EIA-310-D |
| Width | 600 mm / 800 mm |
| Depth | 1000 mm / 1200 mm |
| Construction | Heavy-Duty Steel Structure |
| Finish | Powder Coated |
| Front Door | Perforated with Lock |
| Rear Door | Perforated with Lock |
| Side Panels | Removable & Lockable |
| Mounting Rails | Adjustable 19-Inch Rails |
| U-Numbering | Front & Rear U Markings |
| Ventilation | Top Mounted Fan Tray (4 / 6 Fans) |
| Cable Entry | Top & Bottom Cable Entry |
| Vertical Cable Manager | Provided |
| Horizontal Cable Manager | Provided |
| PDU | Rack Mount PDU with Surge Protection |
| Shelf | 1 No Fixed / Sliding Shelf |
| Load Capacity | ≥ 1000 Kg Static Load |
| Mobility | Heavy-Duty Castor Wheels |
| Levelling Feet | Provided |
| Earthing Kit | Included |
| Standards | ISO 9001 Certified Manufacturer |
| Warranty | 5 Years on Rack Frame |
| Accessories Warranty | 1 Year on Fans & PDU |