

#### ELECTRONICS CORPORATION OF TAMILNADU LIMITED (ELCOT), CHENNAI -600035 ELCOT CIN No. U27209TN1977SGC007291 ELCOT GST No.33AAACE1670K1ZU

#### **EOI NOTICE**

Expression of Interest for providing data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre

EOIRef.	ELCOT/DC/EOI/33930/TNSDC/Tech
	Refresh/2024-25
Pre-bid meeting and e-	12.03.2025 @ 11.00AM
Tender Training on	
submission of EOI.	
Due date and time for	27.03.2025 @ 03.00 PM
submission of EOI	
EOI opening Date & Time	27.03.2025 @ 04.00 PM
The Bidders may download	ad the EOI documents, help documents and user

The Bidders may download the EOI documents, help documents and user manuals from https://tntenders.gov.in

Sd/MANAGING DIRECTOR
ELECTRONICS CORPORATION OF TAMIL NADU LIMITED
692, II Floor, MHU Complex, Anna Salai,
Nandanam, Chennai – 600035.
e-mail :md@elcot.in Website URL : www.elcot.in

### **ELECTRONICS CORPORATION OF TAMIL NADU (ELCOT)**(A Government of Tamil Nadu Undertaking)

EoI Ref. ELCOT/DC/EOI/33930/TNSDC/Tech Refresh/2024-25

#### **EXPRESSION OF INTEREST (EoI)**

Expression of Interest for providing suitable model for data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre

Digitally approved
Karthikeyan K P
05-03-2025
MANAGING DIRECTOR

# ELECTRONICS CORPORATION OF TAMIL NADU (ELCOT) (A Government of Tamil Nadu Undertaking)

#### EoI Ref. ELCOT/DC/EOI/33930/TNSDC/Tech Refresh/2024-25

#### **EXPRESSION OF INTEREST (EoI)**

Expression of Interest for providing suitable model for data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre

Date of release of Eol	05.03.2025
Visit to State Data Centre/DRC	11.03.2025, 10 AM - 4PM
Pre-Bid meeting	12.03.2025 @ 11.00AM
Last date for submission of Eol	27.03.2025 @ 3.00 PM
Date of opening of EOI	27.03.2025 @ 4.00 PM

Regd. Office: Electronics Corporation of Tamil Nadu (ELCOT),
II Floor, MHU Complex, 692, Anna Salai, Nandanam,
Chennai-600 035.

Office No: 044-66401400

Mail id: itinfra@elcot.in, md@elcot.in

Website: www.elcot.in

#### **LETTER OF INVITATION**

Electronics Corporation of Tamil Nadu (ELCOT)
II Floor, MHU Complex, 692, Anna Salai, Nandanam,

. Chennai-600 035

Eol Ref. ELCOT/DC/EOI/33930/TNSDC/Tech Refresh/2024-25

Dear Sir/Madam,

Electronics Corporation of Tamil Nadu (**ELCOT**) invites Expression of Interest (EOI) from companies for providing data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre.

The EOI Document containing the details of qualification criteria, submission requirement, brief objective & scope of work and method of evaluation etc. is enclosed.

You may submit your EoI in prescribed format to the office of the undersigned through speed post or by dropping in the tender box at ELCOT, Corporate Office latest by 27.03.2025 03:00 P.M.

Managing Director,

Electronics Corporation of Tamil Nadu (ELCOT),
II Floor, MHU Complex, 692, Anna Salai, Nandanam,
Chennai-600 035.

Office No: 044-66401400

Queries if any may be referred in writing to the **Managing Director**, **ELCOT**in the E-mail: md@elcot.in;itinfra@elcot.in.

Encl.:EOIDocument.

**Important Notice** 

This EOI process is governed by The Tamil Nadu Transparency in Tenders Act 1998 and The Tamil Nadu Transparency in Tenders Rules 2000, as amended from time to time. In case of any conflict between the terms and conditions in the EOI and the Tamil Nadu Transparency in Tenders Act 1998 and The Tamil Nadu Transparency in Tenders Rules 2000, the Act and Rules shall prevail.

## Expression of Interest for providing suitable model for data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre

#### 1. Preamble

Under the National e-governance Plan (NeGP), State Data Centre (SDC) was set up in the State of Tamil Nadu (TNSDC) to support various State Departments in running their applications catering to G2G (Government to Government), G2C (Government to Citizen), and G2B (Government to Business) services.

The TNSDC is housed at Perungudi complex (Chennai – 600096) of the Electronics Corporation of Tamil Nadu (ELCOT) and is maintained with a strict Service Level Agreement (SLA) to ensure 24 X 7 operations. Some of the Government applications which are operational in TNSDC are Tamil Nadu Health System, Registration Department, E-Office, Chennai Metro Rail Project, State Election Commission Electoral Roll project, High Court of Madras, etc. TNSDC is a highly secured infrastructure in which the Government departments can host their applications on a common, redundant, secured and controlled environment, easing the process of integration and resource optimization. However, risk pertaining to natural disasters such as Tsunami, earthquakes, floods etc, poses a challenge to any data centre to the business continuity of these application services.

In order to address above, The Tamil Nadu Disaster Recovery Centre (TNDRC) has been established in the year 2017-2018 for the state to consolidate its services, applications, and infra-structure to provide business continuity, efficient electronic delivery of Government to Government (G2G), Government to Citizens (G2C) and Government to Business (G2B) services.

#### 2. EOI Requirement

#### **ELCOT** intends to do the following

1. To upgrade the Tamil Nadu State Data Centre (TNSDC) and Tamil Nadu State Disaster Recovery Centre (TNDRC) to a state of art modern

private cloud. The modern private cloud shall provide the latest technology that is software defined and is readily available to be consumed, providing superior & predictable performance, security, High Availability (HA) and reliability. Private cloud platform shall provide a unified platform to build modern cloud native applications, modernize existing applications with containers/microservices to help implement digital transformation initiatives.

- 2. To provide O&M for the existing components for 3 years
- 3. Migration of existing applications to the new set up

In this regard, EOI is being published for the following:

- 1. To provide a suitable model among the following for the above works.
  - a. Capital Investment Model the entire asset will be procured, installed and operated by ELCOT
  - Build Operate Transfer Model The vendor may custom provide a suitable modern state of the art data centre, operate it for 5 years and transfer it to ELCOT
  - c. Service Provider Model The vendor to do capital investment in the facility of ELCOT (plug and play) for the exclusive use of ELCOT, ELCOT will provide all support services like power and pay annual service charges to the vendor.
  - d. Any other model prevailing in the market at present
- 2. Among all the models, the best and most suitable solution within the requirement and budget of ELCOT available in the market shall be proposed in following lines:
  - a. Network & perimeter solution covering routers, network security, end point security, network components.
  - b. Private cloud platform available in the market.
  - c. Storage and backup solution
- 3. To provide technical solution in above lines for Data Centre and Disaster Recovery site with RPO, RTO parameters that can be achieved.
- 4. The Bill of Material to achieve above solution.
- 5. Rough cost estimate for the following in the proposed models:
  - a. Tech refresh of TNSDC & TNDRC (IT-Components)
  - b. Private Cloud Platform

c. O&M of the TNSDC & TNDRC for a period of 5 years from Completion of implementation.

#### 3. AS-IS Condition

In order to arrive at the solution, following details related to existing system is being listed out below:

As on date, 440 applications are being hosted in TNSDC. TNDRC hosts Co-location servers. 340 Applications are running in Cloud setup and remaining in Co-location model. All the 340 cloud applications are running in following cloud setup:

S. No	Description	Current State			
1	Physical servers	24 Nos (Details in			
		Annexure-I)			
2	Operating system deployedacross	1.Ubuntu			
	different applications	2.Alma Linux 8.5			
		3.Cent OS 6.10			
		4.RHEL 7.4			
		5.Windows 2012 R2			
3	Database across different	1.Postgres			
	applications	2.MySQL			
		3.MSSQL			
4	Cloud /Management platform	KVM,Ovirt			
5	No. of VMs	~1500			
6	Average Resource Provisioning for	4 vCPU, 8 GB RAM and 100			
	each VM	GB Storage.			

#### 4. Instruction to Bidders

- The applicant should submit all the necessary documents/ proofs/ declarations as per the requirement of this document in prescribed formats to record their participation and facilitate the evaluation process.
- Proposals without necessary supporting documents or without meeting the prescribed qualification criteria will be treated as non-responsive and will not be considered for further evaluation.

- Applicants must ensure that their proposal is submitted online as per the formats attached with this document.
- Tender committee reserves the right to request for any document/ clarification from the applicant(s) which the authority feels that it is required to facilitate the evaluation process.
- The Expression of Interest is to be uploaded in e-Tender Portal in the manner prescribed below:
  - Applicant's Expression of Interest as per Format-1 with all annexures.
  - Organizational Contact Details as per Format-2.
  - Declaration as per Format-3
- Bidders have the option to send the proposal in registered/speed post addressed to Managing Director, ELCOT.

#### 5. Minimum Eligibility Criteria

The Applicants should have the following MEC for participating in the EOI. The Applicants should enclose documentary evidence for fulfilling the MEC in the technical proposal. If an Applicant fails to enclose the documentary proof for MEC, their technical proposal may be rejected. ELCOT decision is final in this regard.

S.No.	MEC	Attachments
5.1	The Bidder should be a company registered in India under the Companies Act, 1956 / 2013, as amended from time to time, and should be in operation for at least the last 5 years as of 31.01.2025.	a. Copy of valid Certificate of Incorporation from Registrar of Companies b. Copy of Corporate Identification Number (CIN) c. Copy of GST registration certificate d. Copy of PAN e. Copy of MOA & AOA of the company.
5.2	The average annual turnover of the Bidder in any three of the last five financial years, FY 2019-20, 2020-21, 2021-22, FY 2022-23 and FY 2023-24 should be at least <b>INR 75 Crore</b>	Audited balance sheet duly certified by the chartered accountant. Certificate from the Statutory auditor/ CA clearly specifying the annual turnover for the specified years along with audited balance sheet of the bidding entity.
5.3	The bidder should have experience in <b>Data Centre</b> including activities such as Supply, Installation, Configuration, Maintenance and Operations of the	Copies of Purchase Order, completion/ Go-live certificate or partial completion certificate complying to the clause requirement from client to

	ICT infrastructure(Networking, Security, Storage and Backup Equipment, Servers) for any of the Central/State Governments/State or Central PSUs in India during last 10 Years having with a project value not less than INR 50 Crores or two projects with a project value not less than INR 30 Crores each. Or the bidder shall be a MEITY empaneled Cloud service provider (CSP).	be enclosed along with Technical Bid
	For completed projects: Go-live certificate should be provided.	
	For ongoing projects: Client certificate should be provided clearly mentioning worth of completed work for active components.	
5.4	Bidder should have experience in implementation of private cloud infrastructure for any Central/State Governments/State or Central PSUs in India with minimum 1000 VM cores in a single project	Copies of work order mentioning the VM cores or Server CPUs, Delivery challan and completion certificate.
5.5	The Bidder shall ensure that proposed	Undertaking from Bidder to support the proposed solution for minimum 5 years.
5.6	The Bidder should not have been blacklisted by any Central or State Govt. Department or PSU on the date of bid submission	Bidder should submit an undertaking, that it has not been blacklisted/debarred by any Govt. department or any PSU in India as of the bid submission date.

The applicants who have submitted required documents and meet the eligibility criteria as mentioned above and as determined by the ELCOT shall only be eligible and invited for next level process.

#### 6. Earnest Money Deposit

EMD is exempted for this EOI.

#### 7. Scope of Work

a. Setup a private cloud infrastructure encompassing scalability, high availability, performance efficient, business continuity embracing VM's,

- Kubernetes and HCI.
- b. Critical workloads need to be operated in private enterprise cloud and noncritical workloads can be operated in open-source cloud or any other platform without compromising performance and with high cost effectiveness
  - Critical application cores: 3000 vCPU Cores (100 Applications)
  - Non-Critical application Core: 1200 vCPU Cores (300 Applications)
  - New Applications: 1600 vCPU Cores (200 Applications)
  - Disaster Recovery Manager: Number of VM's: 1000 Nos
- c. Perimeter security should have minimum throughput capacity of 20Gbps on Day 1 scalable up to 40G with redundant hardware devices configured in high available mode.
- d. Perimeter security should take care of following functionalities DDOS, LLB, External firewall, Internal firewall, SSL Inspector, IPS, WAF, NDR/XDR/Anti APT, Server Security/EDR, VPN Concentrator, SIEM with SOAR.
- e. BCP Continuity should be in ratio of 1:0.5(DC:DR),RPO and RTO needs to be established based on criticality of applications and disaster recovery management needs to be established.
- f. Logging Capability- To capture logs from all the devices to corelate information from various sources and provide diagnostics.
- g. Backup Appliance (can be dedicated or standalone appliance) with D2D backup or VTL backup. 200TB on Day1, scalable up to 400 TB.
- h. Storage 2.4Pb NVME All Flash Block, 1.6 Pb File SSD, NL SAS, 1 Pb Object.
- i. Tools to monitor and remediate anomalies east west malicious traffic.
- j. SLA for server, network service and storage service storage availability should be minimum of 99.75%. Helpdesk SLA has be maintained as per ITIL standards. Required manpower for achieving the SLA can be considered.
- k. Responsible of migration of applications and data from existing setup to new private cloud proposed.
- I. Implementation of observability using best in class enterprise management solution.
- m. Responsible for migration of applications and data from existing colocation server to new private cloud proposed.
- n. Implementation of necessary tools for monitoring and utilization across layers using best in class enterprise management solution.
- o. Implementation of tools to enable SOC team to ease their daily operations with automatic detection and remediation system.

p. Implementation of platform as a service for continuous integration and continuous deployment with open source tools encompassing for source control management, automatic deployment, performance testing , penetration testing , docker container registry and Software composition analysis as per Industry standards.

#### 8. Deliverables

- a. A comprehensive report including following as part of technical bid
  - a. Proposed technical architecture for TNSDC & TNDRC.
  - b. Proposed model (CAPEX or BOT or Plug & Play)
  - c. Detailed specification with bill of material and quantity.
  - d. Cost estimate for the proposed solution in INR.
  - e. Availability of solution with multiple OEMs.
  - f. Proposed model of implementation (Payment, SLA, Penalties)
  - g. Implementation timeline.
  - h. Reference implementation in other SDC or Banks, etc.
- b. The **detailed presentation** to the committee formed for the purpose.
- c. Submission of the report after addressing the committee remarks, if any.

#### 9. Evaluation Criteria and Method of Evaluation

- a. Screening of EOIs shall be carried out as per eligibility conditions mentioned in this document and based on verification of testimonials submitted.
- b. EOI will be evaluated for short listing inter alia based on their past experience of handling similar type of project, strength of their man power, financial strength of firm and presentation / proposal to the selection committee whose decision will be final.
- c. Agencies who qualify as per the eligibility conditions will be provided a brief about the current scope. The agencies may be required to make a presentation, if required, to a selection committee show-casing their proposals.
- d. ELCOT will take up references and reserves the right not to consider proposal submitted and adapt a different methodology for implementation.
- e. Participating in EOI will not bind any acceptance or guarantee for finalization/selection.

#### 10. **Response**

a. Applicants must ensure that their proposal is submitted as per the formats

- attached with this document. Special comments on the objectives and scope of the service projected in the enquiry may also be submitted along with the offer.
- Application to be mailed with the subject line as "Expression of Interest for providing data center and a dedicated private cloud platform for ELCOT -Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre". Proposal and Documents attached should be digitally signed.
- c. Agency may opt for all or any of the models in which they are interested to work with ELCOT. Incase if the agency is interested in more than one model, separate estimates with costing for each model to be submitted.

#### 12. Condition under which EOI is issued

The EOI is not an offer and is issued with no commitment. ELCOT reserves the right to withdraw EOI completely and/or vary any part thereof at any stage without assigning any reasons thereof. ELCOT further reserves the right to accept or reject EOI submitted.

13. Last date of submission of EOI (Through speed post or delivery at the tender box at ELCOT Corporate Office): 27.03.2025 at 03.00 PM

Proposal opening date & time is 27.03.2025 at 04.00 PM.

#### 14. FORMATS FOR SUBMISSION

#### **FORMAT - 1: APPLICANT'S EXPRESSION OF INTEREST**

To

The Managing Director Electronics Corporation of Tamil Nadu (ELCOT), II Floor, MHU Complex, 692, Anna Salai, Nandanam, Chennai-600 035.

Office No: 044-66401400

**Sub:** Expression of Interest for providing suitable model for data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre

Dear Sir,

In response to the Invitation for Expressions of Interest (EOI) published on 05.03.2025 for the above purpose, we would like to express interest to carry out the above proposed task. We are submitting the following details and have enclosed the documents as per the requirement of eligibility criteria.

S.No	Organizational Contact Details			
1	Name of Organization			
2	Main areas of business			
3	Type of Organization - Firm/ Company/ partnership firm registered under the Indian Companies Act, 1956/the partnership Act, 1932			
4	Whether the firm has been blacklisted by any Central Govt./State Govt./PSU/Govt.Bodies/Autonomous. Ify es, details thereof.			
5	Address of registered office with telephone no.			
6	Address of offices in Chennai			

7	Contact Person with telephone no.& e-mail ID	

**Enclosures:** 

- a. Self Certified Copy of valid Certificate of Incorporation from Registrar of Companies & Copy of Corporate Identification Number (CIN).
- b. Self Certified Copy of GST registration certificate.
- c. Copy of PAN.
- d. Audited balance sheet duly certified by the chartered accountant for financial years, FY 2019-20, 2020-21, 2021-22, FY 2022-23 and FY 2023-24, as may be applicable
- e. Self Certified Copies of Purchase Order, completion/ Go-live certificate or partial completion certificate complying to the clause requirement from client to be enclosed along with Technical Bid.
- f. Self certified Copies of work order, Delivery challan against Eligibility Criteria
- g. Copies of Purchase Order, completion/ Go-live certificate or partial completion certificate complying to the clause requirement from client to be enclosed along with Technical Bid.
- h. Bidder should submit self-certification, that it has not been blacklisted/debarred by any Govt. department or any PSU in India as of the bid submission date
- i. Comprehensive report and presentation as detailed in the deliverables.

#### **Declaration**

We hereby confirm that we are interested in submitting our Expression of Interest for providing suitable model for data center and a dedicated private cloud platform for ELCOT - Tamil Nadu State Data Centre & Tamil Nadu Disaster Recovery Centre'

We hereby certify that our organisation has not been blacklisted/debarred by any Govt. department or any PSU in India as of the EoI submission date

All the information provided herewith is genuine and accurate to the best of our knowledge and available records.

Sincerely Yours,

Signature of the Authorised Personnel

[Full name and Designation of Authorised Personnel]

Stamp & Date

Note: This is to be furnished on the letter head of the organization.

#### **Annexure-I**

#### List of existing Cloud servers

SNo	Make & Model	Product S/N	Processor	RAM (in TB)	HDD	HBA CARD	Network port	Year of purchase
1	HPE Proliant DL560 GEN10	SGH109YK4W	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
2	HPE Proliant DL560 GEN10	SGH109YK3L	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
3	HPE Proliant DL560 GEN10	SGH109YK3Q	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
4	HPE Proliant DL560 GEN10	SGH109YK4M	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
5	HPE Proliant DL560 GEN10	SGH109YK3Z	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
6	HPE Proliant DL560 GEN10	SGH109YK3V	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
7	HPE Proliant DL560 GEN10	SGH109YK4C	4*Intel(R) Xeon(R) Gold 6248 CPU @ 2.5 GHz (20 Core*4)	1.5	600GB *5 no's	16GB 1PORT *2	10Gb 2port *1	2021
8	HPE Proliant DL580 GEN10	SGH250VWRH	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	2	600GB *4 no's	16GB 2PORT *2	10Gb 2port *2	2022
9	HPE Proliant DL580 GEN10	SGH250VWRR	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	3	600GB *4 no's	16GB 2PORT *2	10Gb 2port *2	2022
10	HPE ProLiant DL580 Gen10	SGH315VB0D	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	2	600GB *4 no's	16GB 2PORT *4	10Gb 2port *2	2023
11	HPE ProLiant DL580 Gen10	SGH315VB0S	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	2	600GB *4 no's	16GB 2PORT *4	10Gb 2port *2	2023
12	HPE ProLiant DL580 Gen10	SGH315V9ZM	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	2	600GB *4 no's	16GB 2PORT *4	10Gb 2port *2	2023
			4* Intel(R) Xeon(R) Gold			16GB		

13	HPE ProLiant DL580 Gen10	SGH315V9ZZ	6230 CPU @ 2.10GHz (20 Core *4)	3.5	600GB *4 no's	2PORT *4	10Gb 2port *2	2023
14	HPE ProLiant DL580 Gen10	SGH315V9Z3	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	3.5	600GB *4 no's	16GB 2PORT *4	10Gb 2port *2	2023
15	HPE ProLiant DL580 Gen10	SGH315V9ZC	4* Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz (20 Core *4)	3	600GB *4 no's	16GB 2PORT *4	10Gb 2port *2	2023
16	Dell Poweredge R840	3S9YPW3	4*Intel(R) Xeon(R) Gold 6248 @ 2.5 GHZ (20 core*4)	1.5	600GB * 3no's	16GB 1PORT *2	10Gb 2port *2	2023
17	Dell Poweredge R840	HR9YPW3	4*Intel(R) Xeon(R) Gold 6248 @ 2.5 GHZ (20 core*4)	1	600GB * 3no's	16GB 1PORT *2	10Gb 2port *2	2023
18	Dell Poweredge R840	JR9YPW3	4*Intel(R) Xeon(R) Gold 6248 @ 2.5 GHZ (20 core*4)	1	600GB * 3no's	16GB 1PORT *2	10Gb 2port *2	2023
19	Dell Poweredge R840	5S9YPW3	4*Intel(R) Xeon(R) Gold 6248 @ 2.5 GHZ (20 core*4)	1.5	600GB * 3no's	16GB 1PORT *2	10Gb 2port *2	2023
20	Dell Poweredge R840	4S9YPW3	4*Intel(R) Xeon(R) Gold 6248 @ 2.5 GHZ (20 core*4)	1.5	600GB * 3no's	16GB 1PORT *2	10Gb 2port *2	2023
21	Dell PowerEdge R960	4RKST04	4* Intel(R) Xeon(R) Platinum 8450H (28*4 Core)	8	600GB *4 no's	32GB 2PORT *4	10Gb 2port *2	2024
22	Dell PowerEdge R960	5RKST04	4* Intel(R) Xeon(R) Platinum 8450H (28*4 Core)	8	600GB *4 no's	32GB 2PORT *4	10Gb 2port *2	2024
23	Dell PowerEdge R960	6RKST04	4* Intel(R) Xeon(R) Platinum 8450H (28*4 Core)	8	600GB *4 no's	32GB 2PORT *4	10Gb 2port *2	2024
24	Dell PowerEdge R960	3RKST04	4* Intel(R) Xeon(R) Platinum 8450H (28*4 Core)	8	600GB *4 no's	32GB 2PORT *4	10Gb 2port *2	2024

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Digitally approved Karthikeyan K P 05-03-2025 MANAGING DIRECTOR