



TRANSNET PORT TERMINALS

SUPPLY AND DELIVERED THIRTY (30) LAPTOPS FOR RCB ICT, RCB TERMINAL

REVISION 01:

Scope of Work

1 INTRODUCTION

Transnet Port Terminals (TPT) an operating division of Transnet SOC Ltd invites suitable service providers to Supply and Deliver **thirty (30)** Laptops for Information Technology Department at Port of Richards Bay Terminals.

2 BACKGROUND

TPT RCB is experiencing a period of significant growth, with a substantial influx of new employees joining the organization. As we expand our workforce to meet increasing demands and explore new opportunities, equipping our team with the necessary tools becomes imperative. To ensure that each new employee can perform their duties effectively and seamlessly integrate into our operations, there is a pressing need to provide laptops for all incoming staff members. This investment in technology will not only facilitate efficient onboarding but also enhance productivity, collaboration, and communication across the organization, enabling TPT RCB to maintain its competitive edge and achieve its strategic objectives.

3 SCOPE OF WORK

The service provider must supply and deliver the Specified Laptops on the specification. This Equipment must be delivered to IT department in the Richards Bay Terminal.

4 SPECIFICATION

Specification for Lenovo ThinkPad L14 G4 Win 11 Enterprise Laptop X 40	Quantity
Performance	20
Processor: Intel Core i5 4-Core (Latest Gen)	
Graphics: Integrated Intel® Iris® Xe Graphics Functions as UHD Graphics	
Chipset: Intel® SoC Platform	
Memory: 1x 16GB SO-DIMM DDR4-3200	
Memory Slots: Two DDR4 SO-DIMM slots, dual-channel capable	
Max Memory: Up to 64GB DDR4-3200	
Storage	
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal 2.0	
Storage Support: One drive, up to 2TB M.2 2242 SSD	
Storage Slot: One M.2 2242 PCIe® 4.0 x4 slot	
Card Reader: microSD Card Reader	
Audio Chip: Non-vPro® models: High Definition (HD) Audio, Realtek® ALC3287 codec	
Speakers: Stereo speakers, 2W x2, Dolby® Audio™	
Camera: FHD 1080p with Privacy Shutter	
Microphone: 2x, Array	
Battery: Integrated 46.5Wh	
Power Adapter: 65W USB-C® (3-pin)	
Design	
Display: 14" FHD (1920x1080) IPS 250nits Anti-glare, 45% NTSC	

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Touchscreen: None
Keyboard: Backlit, English (EU)
Case Color: Thunder Black
Case Material: PC-ABS (Top), PC-ABS (Bottom)
Dimensions (WxDxH): 325.4 x 217 x 19.83 mm (12.81 x 8.54 x 0.78 inches)
Weight: Starting at 1.4 kg (3.09 lbs)
Software
Operating System: Windows® 11 Enterprise, English
Connectivity
Ethernet: 100/1000M (RJ-45)
WLAN + Bluetooth: Intel® Wi-Fi® 6 AX201, 11ax 2x2 + BT5.1
WWAN: Quectel EM05-G, 4G LTE CAT4, with Embedded eSIM
SIM Card slot: Yes
NFC: Yes
Standard Ports
1x Ethernet (RJ-45)
1x HDMI® 2.1, up to 4K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
1x microSD card reader
Optional Ports (configured)
1x Nano-SIM Card Slot
Docking
Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® L14 Gen 4 (Intel®)
Security Chip: Discrete TPM 2.0 Enabled
Discrete TPM 2.0 Enabled
Fingerprint Reader: Touch Style, Match-on-Chip, Integrated in Power Button
Touch Style, Match-on-Chip, Integrated in Power Button
Physical Locks: Kensington® Nano Security Slot™, 2.5 x 6 mm
Kensington® Nano Security Slot™, 2.5 x 6 mm
Other Security: Camera privacy shutter
Manageability
System Management: Non-vPro®
Service
Base Warranty: 1-year, Courier or Carry-in
Included Upgrade: 3Y Courier/Carry-In from 1Y Courier/Carry-In WHB (CPN)
Certifications
Green Certifications
ENERGY STAR® 8.0

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EPEAT™ Gold Registered	
ErP Lot 26	
ErP Lot 6	
RoHS compliant	
TCO Certified 9.0	
Mil-Spec Test: MIL-STD-810H military test passed	

Specification for Lenovo ThinkPad L15 G4 Win 11 Enterprise Laptop 21H30049ZA	Quantity
Technical Specification	5
Product: Lenovo ThinkPad L15 G4	
Product type: Notebook	
Form factor: Clamshell	
Processor family: Latest Generation Intel Core i5	
Processor model: i5-1335U	
Processor Frequency: 3.40 / 4.60 GHz (12 MB Cache, 10 Cores)	
Display diagonal: 39.6 cm (15.6")	
HD type: Full HD	
Display resolution: 1920 x 1080 pixels	
Display: IPS, 250nits, Anti-glare, 45% NTSC	
Internal memory: 16 GB 3200 MHz (1 x 16 GB)	
Internal memory type: DDR4-SDRAM	
Total storage capacity: 512 GB M.2 2242 PCIe 4.0x4 NVMe Opal 2.0	
Storage Type: SSD	
On-board graphics adapter model: Integrated Intel Iris Xe Graphics Functions as UHD Graphics	
Operating system installed: Windows 11 Pro	
WWAN: Quectel EM05-G, 4G LTE CAT4, with Embedded eSIM	
SIM Card: Yes	
Keyboard: Backlit, English (EU)	
Product colour: Thunder Black	
Weight: Starting at 1.77 kg	
Base Warranty: 1-year, Courier or Carry-in	
Included Upgrade: 3Y Courier/Carry-In from 1Y Courier/Carry-In WHB (CPN)	
Ports	
1x Ethernet (RJ-45)	
1x HDMI 2.1, up to 4K/60Hz	
1x Headphone / microphone combo jack (3.5mm)	
1x Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)	
1x USB 3.2 Gen 1	
1x USB 3.2 Gen 1 (Always On)	
1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)	

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1x microSD card reader
Features
Your partner in health & productivity
15.6" laptop with numeric pad, ideal for finance, accounting, & data-entry
Powered by up to Intel vPro with 13 th Gen Intel Core performance
Enhanced videocalls with optional FHD camera, Dolby Audio, & Dolby Voice with AI-based noise suppression
Remarkable Intel & NVIDIA graphics options
Up to WiFi 6E & optional 4G WWAN to stay connected
Microsoft Secured-core PC enabled
Business-class performance
The ThinkPad L15 Gen 4 laptop inspires productivity. Powered by Intel vPro with 13 th Gen Intel Core U Series processors, this 15.6" device also boasts remarkable graphics options, including up to NVIDIA GeForce. Plus, with a choice of larger batteries, you'll enjoy all-day power on this high-performing work-from-anywhere partner.
Stay online, wherever & whenever
Like a smartphone, the ThinkPad L15 Gen 4 laptop offers optional 4G LTE WWAN* connectivity, as well as speedy WiFi 6E** coverage. It also features Dolby Voice AI-based noise suppression, and when combined with the optional FHD camera, videoconferencing will seem like you're all in the same room.
* Optional WWAN availability varies by region and must be configured at time of purchase; it requires a network service provider.
** 6GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi 6E, along with the regional regulatory certifications and spectrum allocation.
Digital wellness
Health and productivity go hand-in-hand with the addition of Glance by Mirametrix software. This functionality supports wellness for both posture and eye health. You'll get posture alerts, as well as reminders to look away for 20 seconds to allow your eyes time to refocus, thereby alleviating fatigue.

Specification for Lenovo ThinkPad T14 G4 14-inch WUXGA Intel Core i7-1355U 16GB RAM 512GB SSD 4G Win 11 Enterprise Laptop 21HD008GZA	Quantity
Technical Specification	5
Product: Lenovo ThinkPad T14 G4	
Product type: Notebook	
Form factor: Clamshell	
Processor family: Latest Generation Intel Core i7	
Processor model: i7-1355U	
Processor Frequency: 3.70 / 5.00 GHz (12 MB Cache, 10 Cores)	
Display diagonal: 35.6 cm (14")	
HD type: WUXGA	
Display resolution: 1920 x 1200 pixels	
Display: IPS, 300nits, Anti-glare, 45% NTSC	

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Internal memory: 16 GB 5200 MHz (Soldered)
Internal memory type: DDR5
Total storage capacity: 512 GB M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
Storage Type: SSD
On-board graphics adapter model: Intel Iris Xe Graphics Functions as UHD Graphics
Operating system installed: Windows 11 Enterprise
WWAN: Quectel EM05-G, 4G LTE CAT4, with Embedded eSIM
SIM Card: Yes
Keyboard: Backlit, English (EU)
Colour: Thunder Black
Weight: Starting at 1.37 kg
Base Warranty: 3-year, Courier or Carry-in
Included Upgrade: 3Y Premier Support HB (CPN)
Ports
1x Ethernet (RJ-45)
1x HDMI 2.1, up to 4K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
2x Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)
Features
Highly configurable powerhouse
14" business laptop powered by up to Intel vPro
Highly configurable with an emphasis on security & speed
Environmentally responsible with the use of recycled materials, plastic-free packaging, & -reduced-emissions during manufacturing
Lightning-quick memory, storage, & connectivity, including optional 4G LTE
Supports up to 4 independent monitors
Power, speed, & convenience
Powered by up to Intel vPro with 13 th Gen Intel Core processing, the Lenovo ThinkPad T14 Gen 4 laptop boasts high performance and blazing-fast memory, storage, and connectivity—it will zip through even your most demanding tasks. IT admins appreciate the convenience of remote deployment and manageability, while everyone can get behind the added security with Intel vPro.
Environmentally responsible
While the lightweight chassis is so convenient to carry around, it's the sustainable materials that make owning this machine a true delight. The ThinkPad T14 Gen 4 laptop is composed of 90% recycled magnesium on the C frame, and for the Storm Grey models, there's 55% recycled aluminum on the D cover. Along with post-consumer content, recycled plastic in the enclosures for the speaker and battery, and the AC adapter, the packaging is plastic-free with 90% recycled and/or sustainable materials. Plus, the manufacturing process uses low-temperature soldering.

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Easy on the eyes	
If you spend hours on your laptop every day, you'll need one that's easy on the eyes. The ThinkPad T14 Gen 4 boasts several display options, ranging from a gorgeous 2.8K OLED with Dolby Vision panel to lower resolution choices that offer touchscreens, PrivacyGuard, and various color gamuts. Plus, most of the displays feature low blue light certifications to help prevent eye fatigue. And with narrower bezels and a high screen-to-body ratio, everyone's sure to appreciate the added screen real estate on this device.	

5 DELIVERY SITES AND TIMES:

These items must be delivered at ICT Office for ICT personal to verify if it the indeed the correct product needs as per specification.

6 DELIVERY EXPECTATIONS

Vendor is requested to deliver the required devices after the PO issued.

7 WARRANTIES

All Laptops must come with 12 months warranty.

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