SCOPE OF WORK

Supply and Delivery of iPads for Transnet SOC LTD operating as Transnet Port Terminals (hereinafter referred to as "TPT).

ACRONYMS AND ABBREVIATIONS

Acronyms or Abbreviations	Descriptions
TPT	Transnet Ports Terminals
RFP	Tender procurement process
SOW	Scope of work

1   INTRODUCTION

Transnet Port Terminals (TPT), an operating division of Transnet SOC Ltd, invites suitable and accredited service providers to submit written proposals for the supply and delivery of iPads (Including Accessories) as per the specifications in Annexure A and Table 1 below. This Scope of Work (SOW) outlines the technical specifications and requirements for the procurement of twenty seven (27) Apple iPads and their respective accessories. The iPads will be used for operational, administrative, and remote tasks by TPT Executives. The supplier is expected to deliver original, new (not refurbished). Each iPad must include a Keyboard Cover & Apple Pencil (USB-C) as per the specifications below. The keyboard cover must have a detachable backlit wireless keyboard with pencil holder, and must be compatible with the iPad 13 Pro. Quote must include the Optional extra of iCare Plus Protection Plan for iPad for two years.

Model	CHIP	QTY	Accessories	iCare
iPad 13" Pro	M4/ M5	5	Keyboard Case Pencil USB -C Tempered Glass Screen Protector	Optional
iPad 13" Air	M4 / M5	22	Keyboard Case Pencil USB -C Tempered Glass Screen Protector	Optional

2 SPECIFICATION

The procurement will consist of the following iPad models:

Description	iPad Pro 13-inch (M4)
Sample Images	
Colours Available:	Black, Silver Grey
In the Box	• iPad Pro • USB-C Charge Cable (1 meter) • 20W USB-C Power Adapter
Display	**Ultra Retina XDR display** • Tandem OLED • 2752-by-2064-pixel resolution at 264 ppi • Pro-Motion technology with adaptive refresh rates from 10Hz to 120Hz • Wide colour (P3) • True Tone • Fingerprint-resistant oleophobic coating • Fully laminated • Antireflective coating • Nano-texture display glass option on 1TB and 2TB models • SDR brightness: 1000 nits' max • XDR brightness: 1000 nits max full screen, 1600 nits peak (HDR content only) • 2,000,000:1 contrast ratio

	• Supports Apple Pencil Pro • Supports Apple Pencil (USB-C) • Apple Pencil hover
Chip:	**Apple M4 chip** • 10-core CPU with 4 performance cores and 6 efficiency cores • 10-core GPU • Hardware-accelerated ray tracing • 16-core Neural Engine • 120GB/s memory bandwidth • 16GB RAM **Media Engine** • Hardware-accelerated 8K H.264, HEVC, ProRes, and ProRes RAW • Videos decode engine • Videos encode engine • ProRes encode and decode engine • AV1 decode
Storage Capacity	• 512GB
Connectivity: **Cellular and Wireless**	• Wi-Fi 6E (802.11ax) with 2x2 MIMO • Simultaneous dual band • Bluetooth 5.3 minimum • eSIM or SIM Slot • Wi-Fi calling **Wi-Fi + Cellular models** • 5G (sub-6 GHz) with 4x4 MIMO • Gigabit LTE with 4x4 MIMO
Connection Ports: **Charging and Expansion**	• USB-C connector with support / USB 4 port with support for: • Charging • DisplayPort • USB 4 (up to 40Gb/s) • USB 3 (up to 10Gb/s)
Sensors	• Face ID • LiDAR Scanner • Three-axis gyro

	• Accelerometer • Barometer • Ambient light sensors
AI	**Apple Intelligence** Built into your iPad, Apple Intelligence is the personal intelligence system that helps you write, express yourself, and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data — not even Apple.
Camera	• 12MP Wide camera, f/1.8 aperture • Digital zoom up to 5x • Five element lenses • Adaptive True Tone flash • Panorama (up to 63MP) • Sapphire crystal lens cover • Autofocus with Focus Pixels • Smart HDR 4 • Wide colour capture for photos and Live Photos • Advanced red-eye correction • Photo geotagging • Auto image stabilization • Burst mode • Image formats captured: HEIF and JPEG
Video Recording	• 4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps • 1080p HD video recording at 25 fps, 30 fps, or 60 fps • 720p HD video recording at 30 fps • ProRes video recording up to 4K at 30 fps (1080p at 30 fps for 256GB storage) • Audio zoom • Adaptive True Tone flash • Slo mo. video support for 1080p at 120 fps or 240 fps • Time lapse video with stabilization • Extended dynamic range for video up to 30 fps • Cinematic video stabilization (4K, 1080p, and 720p) • Continuous autofocus video • Playback zooms • Video formats recorded: HEVC and H.264

	• Stereo recording
Video Calling	• FaceTime video • Center Stage • iPad to any FaceTime-enabled device over Wi-Fi or cellular • Share experiences like TV, Music, and other apps in a FaceTime call with Share Play • Screen sharing • Portrait mode in FaceTime video • Spatial Audio • Voice Isolation and Wide Spectrum microphone modes
Speakers & Microphones	• Four speaker audios • Studio-quality four-mic array for calls, video recording, and audio recording
Power and Battery	• Built-in 38.99-watt-hour rechargeable lithium-polymer battery • Up to 10 hours of surfing the web on Wi-Fi or watching video • Charging via power adapter or USB-C to computer system
Operating System	• iPadOS 18
Accessibility	• Features include: • Voiceover • Zoom • Magnifier • Spoken Content • Voice Control • Switch Control • Assistive Touch • Siri and Dictation • Type to Siri • Real-Time Text • Audio Descriptions • Subtitles and Closed Captioning • Live Captions

Accessories:	• Keyboard Case with integrated stand, compatible with Apple iPad Pro (13") • Apple Pencil (USB-C) • Tempered Glass Screen Protector • All required accessories (charging cables, documentation, etc.) • Manufacturer warranty and after-sales support • Individual retail packaging and/or bulk enterprise packaging.
Sample Images	

Sample Images	
Sample Images

Apple Pencil

USB - C

Compatible Devices

iPad (10th Gen),
iPad Air (4th & 5th Gen),
iPad mini (6th Gen),
iPad Pro 11-inch (1st, 2nd, 3rd & 4th Gen),
iPad Pro 12.9-inch (3rd, 4th, 5th & 6th Gen)

The most affordable Apple Pencil.
Requires iPadOS 17.1.1 or later.

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Description	iPad AIR 13-inch (M4)
Sample Images	
In the Box	• iPad AIR • USB-C Charge Cable • 20W USB-C Power Adapter
Display	**Liquid Retina IPS LCD display** • 2732-by-2048-pixel resolution at 264 ppi • Wide colour (P3) • True Tone • Fingerprint-resistant oleophobic coating • Fully laminated • Antireflective coating • 600 nits' brightness • Supports Apple Pencil (USB-C) • Apple Pencil hover
Chip:	**Apple M4 chip** • 8-core CPU with 3 performance cores and 5 efficiency cores • 9-core GPU • Hardware-accelerated ray tracing • 16-core Neural Engine
Storage Capacity	• 512GB
Connectivity:	• Wi-Fi 7 with 2x2 MIMO

Cellular and Wireless	• Simultaneous dual band • Bluetooth 6 minimum • eSIM or SIM Slot • Wi-Fi calling **Wi-Fi + Cellular models** • 5G (sub-6 GHz) with 4x4 MIMO • Gigabit LTE with 4x4 MIMO
Connection Ports:	• USB-C connector with support / USB
Sensors	• Touch ID • Three-axis gyro • Accelerometer • Barometer • Ambient light sensors
AI	**Apple Intelligence** Built into your iPad, Apple Intelligence is the personal intelligence system that helps you write, express yourself, and get things done effortlessly. With groundbreaking privacy protections, it gives you peace of mind that no one else can access your data — not even Apple.
Camera	• iPad Air features a 12MP Center Stage front camera that's perfect for video calls and selfies and a 12MP Wide back camera for document scanning and capturing photos and 4K videos.
Video Recording	• 4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps • 1080p HD video recording at 25 fps, 30 fps, or 60 fps • 720p HD video recording at 30 fps • ProRes video recording up to 4K at 30 fps (1080p at 30 fps for 256GB storage) • Audio zoom • Adaptive True Tone flash • Slo mo. video support for 1080p at 120 fps or 240 fps • Time lapse video with stabilization • Extended dynamic range for video up to 30 fps

	• Cinematic video stabilization (4K, 1080p, and 720p) • Continuous autofocus video • Playback zooms • Video formats recorded: HEVC and H.264
Operating System	• iPadOS 18
Accessibility	• Features include: • Voiceover • Zoom • Magnifier • Spoken Content • Voice Control • Switch Control • Assistive Touch • Siri and Dictation • Type to Siri • Real-Time Text • Audio Descriptions • Subtitles and Closed Captioning • Live Captions
Accessories:	• Keyboard Case with integrated stand, compatible with Apple iPad Pro (13") • Apple Pencil (USB-C) • Tempered Glass Screen Protector • All required accessories (charging cables, documentation, etc.) • Manufacturer warranty and after-sales support • Individual retail packaging and/or bulk enterprise packaging.

| **Sample Images** | |

2.1 DELIVERABLES

- Supply and deliver iPads and Accessories as per quantities and in compliance with specifications.