REPUBLIC OF KENYA **GOVERNMENT OF MAKUENI COUNTY**

DEPARTMENT OF ICT, EDUCATION & INTERNSHIP

Website: makueni.go.ke *Email: education@makueni.go.ke*

MINIMUM TECHNICAL SPECIFICATIONS FOR POS DEVICES		
Notes: • Only BRANDED and established equipment should be included in quotations • Prices to be VAT inclusive • Attach a catalogue of each item quoted • At least Two Years Warranty		
Device Description		**Qty**
Device Type	Rugged handheld Android POS; IP54 minimum; 1.2 m drop-tested; battery-powered	230
OS	Android 10 or later; vendor security patching	
Display	4.5″+ colour capacitive touch; 480×854 minimum; 400 nits minimum	
CPU / Memory	Quad-core 1.5 GHz+; 2 GB RAM+; 16 GB storage+; microSD	
Connectivity	4G/LTE with 3G/2G fallback; dual-band Wi-Fi; Bluetooth 4.2+	
SIM / Security	Dual SIM or SIM+eSIM; secure element/hardware keystore	
Payments	Cash, mobile money (M-Pesa/Airtel Money), EMV card, NFC/contactless; PCI DSS flows	
Scanning / Printing	Integrated 1D/2D barcode/QR scanner; 58 mm thermal printer	
GPS	Integrated GNSS; ±5 m accuracy minimum	
Camera	Rear 5 MP+ with flash	
Authentication	PIN and/or fingerprint; auto-logout/lockout	
Receipting	E-receipt via SMS/email/print with QR/barcode	
Battery / Power	Removable battery, 8 h+ typical use; spare battery; USB-C/dock charging; 0–45 °C	
Management / Security	MDM support; remote lock/wipe; AES-256; TLS 1.2+; secure boot	
Performance	Transaction response ≤3 s for 95% of transactions	
Receipt / Reversal	Secure reprint; reversal/refund with maker-checker	
Language / Standards	English and Kiswahili; CBK, ICT Authority, Data Protection Act, PCI DSS where applicable	
Warranty	2 years minimum; spare parts/device pool	

GOVERNMENT OF MAKUENI COUNTY
P.O BOX 78 MAKUENI-90300
ICT DIRECTORATE
TECHNICAL SUPPORT UNIT
DATE
SIGN:
DEPARTMENT OF ICT, EDUCATION & INTERNSHIPS