



## RFQ012202TERMINAL2024

Quotations are invited from service providers to provide **Point-of-sale system** for PACOFS as follows. Kindly complete SBD forms attached and send with your quotation.

### 2.1 TP805 3" Thermal Receipt Printer x4

Item		Parameter
Printing	Print Method	Direct Thermal Line Printing
	Resolution	Standard 203dpi(8dots/mm) Emulated 180dpi (7 dots/mm)
	Print Speed	Max. 250mm/s
	Printing Width	48mm/72mm
Interface	Standard Optional	USB + Serial + Ethernet Parallel, Bluetooth or wi-fi
Page Mode		Support
Memory	RAM	16Mb
	Flash	32Mb
Fonts	Chinese	GBK 24x24dots
	Alphanumeric	ASCII 9x17, 12 x24 dots
	User-defined	YES
	Codepage	48
Barcode	1D	UPC-A, UPC-E, EAN8, EAN13, CODE39, ITF, CODEBAR, CODE128, CODE93
	2D	PDF417, QR code
Graphics		Support bitmap printing with different density and user defined bitmap printing. (Max size of each bitmap is 40K, The total size of bitmap is 256k)
Detection	Sensors	Paper out detection, cover open detection,
LED Indicator	Power	Green LED
	Paper	Red LED
	Error	Red LED
Reliability	TPH life Cutter	150km 1.5 million cuts

Power Supply	Input Output	AC 100V-240V 50-60HZD DC 24V/2A	
Paper	Paper Type	Thermal Receipt Paper	
	Paper Width	58mm/80mm	
	Paper Thickness	0.056-0.1mm	
	Roll Paper Diameter	Max. OD 83mm	
	Paper Load	Easy paper loading	
	Paper Cut	Partial cut or full cut	
Environment	Operation	0°C ~40°C, 20%~85%RH	
	Storage	-20°C~70°C, 5%~95%RH	
Physical	Dimension	195 (L)x147 (W)147 (H)mm	
Characteristics	Weight	1.8KG	
Options & Accessories		USB/Serial/Parallel Cable, Paper roll, Power Adapter, Power Cord, CD, Quick Start Guide	
Software Emulation	Emulation	ESC/POS XP/Win7/Win8/Win10/POSReady/ Linux/OPOS	
	Driver SDK	WinCE, Win Mobile, Android	

## 2.2 N101 2D HANDHELD BARCODE SCANNER X4

Parameter Scanning	
Image Sensor	CMOS
Pixel	6.4X480
Illumination	Red LED
Focus	Red LED
Barcode Scanning Type	2D:PDF417,QR Code,Data Matrix, HanXin, Maxicode.Postal Codes etc 1D:Code 128,UCC/EAN-128, AIM128,EAN-8,EAN-13,ISBN/ISSN,UPC-E,UPC-A,Interleaved 2 of 5, ITF-6, ITF-4,Matrix 2 of 5, Industrial 25, Standard 25, Code39,Codabar,Code 93, Code 11, Plessey, MSI -Plessey, RSS-14, RSS-Limited ,RSS- Expand etc.
Resolution Scanning	≥4mil
Classical DOF Scanning	5mil Code39: 20mm-150mm 13milENA:30mm-300mm 6.7mil PDF417:25mm-130mm 10milDM:15mm-100mm 20mil QR: 15mm-210mm
Barcode sensibility FOV Relative Contrast Value	Pitch±60 Til+360 Skew ±60 Horizontal : 32, vertical 25 ≥20%
Physical Parameter	
Dimension (mm)	83 (D) * (W)* 175V(H) 128 (g) RJ-45 crystal head PC + TPU Buzzer, LED Indicator

	RS-232 Serial Port,USB Keyboard , USB Virtual Serial Port Manual keystroke, automatic induction, Continuous Recognition
<b>Electrical Parameter</b>	
Operating Voltage	5VDC±10%
Operating Current	Standby:100m A; Work:230m A
Power	Standby: 0.5W; Work: 1.15W
<b>Environment Parameter</b>	
Operating Temperature	-20°~+50°C
Storage Temperature	-40°~+70°C
Relative Humidity	5% ~95% (No condensation)
±15 Kv Air Discharge, ±8 Kv Direct Discharge	
1.5 m	
IP42	
CE,FCC,ROHS	
USB: use to connect the scanner to the information receiving host RS-232: use to connect the scanner to the information receiving host	
5V, coordinate with RS-232 cable to power the scanner	
Environment temperature =23°C Environment temperature illumination = 300LUX DOF scanning depends on the resolution, contrast and illumination of barcode	

### 2.3 THE SLEEK HIGH-PERFORMANCE BEZEL- FREE POS TERMINAL X4

Model Name	DG-150	
Main Board	CPU	Intel ® BayTrail-Mobile/Desktop Soc Processor: Celeron®j1900 (4 cores, up to 2.42 GHz. Max TDP 10 Watt)
	Chipset	Intel®HD Graphics
	System Memory	SO-DIMM DDR3L x 1 1067/1333MHz, Max,8GB
	Thermal Solution	Fanless
	BIOS	Phoenix BIOS
	OS	Windows 7,WES 7, POSReady7 Windows 8, Windows Embedded 8 Standard/ Industry Retail WIN 10
Display	LCD size	15" TFT LCD Panel (LED Backlight)
	Brightness	400nits
	Resolution	1024 X 768
	Panel backlight type	LED
	Touch Screen	P-cap

Storage Device	Interface	SATA x 2 (3.0 Gb/S)
	HDD/SSD	2.5" SATA HDD / SSD x1 M.2 2242 SSD Slot x 1
I/O Ports	COM	COM 1: DB9 RS232 x 1 (RI/ 5V/12V by BIOS selection) COM2 :DB9 RS232 X 1 (RI/5V/12V by BIOS selection)
	USB	USB 3.0 x 4 USB 2.0 x 2
	LAN	Gigabit Ethernet by RJ-45x 1, support Wake on LAN
	Cash Drawer	RJ12 x 1, support 12V/ 24V DC cash drawer
	Audio	2 Watt Speaker x 1 (R Channel)
	Video	Mini Display Port x 1
	DC-in	19 VDC input , 2pins jack x 1
	Power Button	Power button x 1
Internal Connector	COM	COM 3: RS232 pin – header x 1 (no power, option) COM 4: RS232 pin- header x 1(no power, option) COM 6: RS232 pin- header x 1(5v for VFD)
	SATA	SATA connector ( NB type) x 1
	50pin pin-header	50pin pin-header x1 (EDP, COM6 (12V,VFD),USB2.0*3, Power Switch and LED)
	Audio	Pin Header for Speaker x 1
	Battery	Pin Header x 1
	Cash Drawer Power	Pin Header 12V/24V
	Power Switch and LED	Pin Header
Others	Expansion Slot	M.2 2230 E-key slot x1 (for Wi-fi module, include USB2.0 signal) M.2 2242 SSD Slot x1
	Communication	Wireless LAN module, M.2V2230 E-key (optional)
	Wall Mount	Option VESA mounting bracket
	Power Supply	External adapter, 19V DC input,65 watt
	Colour	Black/White
	Material	Plastic / Aluminium
	EMC & Safety Compliance	CE/FCC/VCCI/CB/WEEE/RoHS
	Dimension	36x 18.9 x 29cm (14.2x 7.5 x11.4 inch)
	Weight	4.5 kg

## **Compulsory Site Briefing**

Please note that all service providers are required to come to a compulsory site briefing on 27 February 2024 at 10h00 at Chorus room. Any service providers who submits a quote without attending the briefing session will not be considered.

**For any queries, please contact Supply Chain at [quotation@pacofs.co.za](mailto:quotation@pacofs.co.za) or 051 – 447-7771**

1. Please provide your CSD supplier and unique registration number for verification on the CSD database. Please attach a valid tax clearance and B-BBEE certificate.
2. Please submit the completed SBD 4 Bidders Disclosure and SBD 6.1 Preference Points claim form in terms of the Preferential Procurement Regulations 2022.
3. Evaluation criteria 80/20 will be applicable as per Preferential Procurement Regulations 2022.
4. The service provider will be allocated points based on the goals stated in table 1 of SBD 6.1 as may be supported by proof/ documentation/. The CSD report shall be used to verify claim of such points.
5. The offer scoring the highest points should win the quote. This quotation is subject to the Preferential Procurement Policy Framework Act, 2000 and the Preferential Procurement Regulations, 2022, the Conditions of Contract (GCC) and, if applicable, any other special conditions of contract

## **VERY IMPORTANT**

### **NOTICE!**

1. PLEASE SUBMIT QUOTATIONS ON A COMPANY LETTERHEAD.
2. PAYMENT WILL BE DONE WITHIN 30 DAYS AFTER RECEIPT OF THE ORIGINAL INVOICE.
3. BANKING DETAILS (REMITTANCE NAME; BRANCH CODE AND ACCOUNT NUMBER) MUST APPEAR ON YOUR INVOICE AND MUST CORRESPOND WITH THE BANKING DETAILS DISPLAYED ON THE CSD REGISTRATION REPORT.
4. PLEASE REMEMBER TO SIGN YOUR QUOTATION. UNSIGNED QUOTATIONS – INVALID.
5. THE TOTAL PRICE QUOTED MUST INCLUDE VAT AS WELL AS DELIVERY COSTS (THE COMPANY WHICH IS NOT VAT REGISTERED SHOULD NOT INCLUDE VAT IN THE PRICE).
6. IF VAT IS CLAIMED, VAT NUMBER SHOULD APPEAR ON THE QUOTATION.
7. NO CESSIONS WILL BE SIGNED.
8. A VALID B-BBEE CERTIFICATE SHOULD BE SUBMITTED.
9. QUOTATIONS SHOULD BE VALID FOR 30 DAYS.
10. PRICE QUOTED SHOULD NOT BE ON SPECIAL OR SALE.
11. PLEASE DO NOT INFLATE PRICES.
12. PACOFS RESERVES THE RIGHT TO AWARD OR WITHDRAW THE BID.
13. NO PREPAYMENT/UPFRONT PAYMENT WILL BE MADE BY PACOFS.
14. QUOTATIONS NOT OBTAINED THROUGH THE DEDICATED QUOTATIONS EMAIL WILL NOT BE USED TO APPOINT A SERVICE PROVIDER.

**OPENING DATE: 22 FEBRUARY 2024**

**COMPULSORY BRIEFING SESSION:27 FEBRUARY 2024 at 10h00**

**CLOSING DATE & TIME FOR QUOTATION / PROPOSALS:**

**01 MARCH 2024 at 11h00**

**Please submit quotation via E-mail to [quotation@pacofs.co.za](mailto:quotation@pacofs.co.za)**

**No late submission will be accepted!**