DISTRICT & SESSIONS COURT
MARDAN

TENDER NOTICE

Sealed tenders are invited from the original manufacturers / authorized distributors / Resellers registered with Income Tax and Sales Tax Departments and who are on Active Taxpayers list of the Federal Board of Revenue, for supply of **Solar System, Thermal Printer and Label Printer etc.**

1. Pre-bid meeting shall be held on **22** / **02** / **2025** from **10:00 a.m**. to **12:00 p.m**.

2. Last date for submission of bids is **01** / **03** / **2025** at **10:00 a.m.**

3. Technical bids shall be opened on **01** / **03** / **2025** at **11:00 a.m.**

4. Bidding solicitation documents containing detailed specifications and terms & conditions can be obtained from office of the undersigned on any working day during working hours. The advertisement may also be downloaded from www.kppra.gov.pk and www.mardandc.peshawarhighcourt.gov.pk/public/app website.

Additional District & Sessions Judge-VII
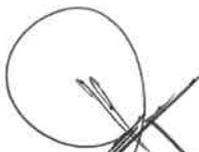Chairperson Purchase Committee, Mardan
Ph. 0937-920201

20. Tender Specification

MAIN ITEM	SUB ITEMS	SPECIFICATIONS
SOLAR SYSTEM	a) **6kW Hybrid Inverter**	• 6kW Power Dual Output (Branded) • 97.6% Max Efficiency • 40-60V Battery Compatible: Works with Lead-Acid or Lithium-Ion. • Dual MPPT Trackers (150-425V): Optimize solar harvest from various panels. • 7.8kW Max DC Input: Handle a larger solar panel array. • WiFi Monitoring: Track performance & manage energy from anywhere. • Durable (IP65): Built to withstand harsh weather conditions. • Safe & Reliable: Integrated protections & 5-year warranty. • Silent Operation (<30 dB) • Grid Backup (40A Passthrough) • Flexible Grid Connection • High Power Factor • Operating Temperature Range: -40°C to +60°C,>45°C Derating
	b) **Lithium Battery**	• 5.3KWh 48V 100AH Lithium Ion Battery (Branded) Power Wall • Nominal voltage:51.2 V • Capacity:104 Ah • Type: Lithium Ion Battery • Weight: 45 kg • Dimensions: 440 × 581 × 165 mm • With 5-years warranty • Wall Mount/ Rack Mount
	c) **Soler Panel**	• 585 to 600-watt soler panel A Grade Double glass (Branded) • 10 Years Replacement warranty • L-3 Stand Full 14-Guage with Bolts • Concrete foundation
	d) **Wiring/Cabling**	• 10mm PV Solar Cable (branded) 100Meter • 25mm Battery cable 6 Meter • Solar DC SPD KA-PV-2P-1000V • Protector 63A • DC Solar Breaker 63amp • Two pole AC Breaker 63 amp • Single AC Breakers 32amp • DC 125amp Braker& Box for Batteries • Changeover Switches for L1, L2 Load • Voltmeter • PVC Pipes • 40*40 Ducking panel • MC4 Connectors • MC4-Ycable Connectors • DB Box
	e) **Earthing**	• Installation of earthing system in copper cables /Plates, Electrodes, with complete solutions
	f) **Installation**	• Complete solution required for solar system installation
THERMAL PRINTER		• Printing Method: Thermal Line • Printing Speed: 300mm/s

	• Resolution: 8 dots/mm, 576 dots/line • Standard: Paper out, Cover open, Cutter jam • Effective Printing Width 72mm • Media Type: Continuous form, Reflection, Roll. • Barcode Type: UPC-A, UPC-E, EAN-8, EAN-13, CODE 39 ITF, CODBAR, CODE 128, CODE 93, QR, PDF417 • Driver support: With all necessary software. • Memory: built-in memory supported. • Character Set ANK, GB18030(Chinese) • Print Font ANK: 12 x 24, 9 x 17, Chinese: 24 x 24 • Character per Line 48-font A/64-font B • Paper Type Thermal paper • Paper Width 79.5 ± 0.5mm • Paper Roll Diameter Max: 80.0 mm • Roll Core Inner Diameter 13 mm (min.) • Paper Thickness 0.06 to 0.07 mm • Drop-in paper load • MCBF 60 million lines • Auto Cutter 3,000,000 cuts • TPH 100 km • Windows 2000/XP/7/VISTA/8/10 • Paper Near End Sensor, Paper End Sensor • RS-232, USB and Lan Port • AC 100 ~ 240V (± 10%) DC 24V, 2A • Type Guillotine • SDK: Yes • Accessories: USB Cable, CD, Power Cable • Life 3,000,000 cuts • Net Weight 1.3 kg • Gross Weight 2.8 kg • Printer Dimension (WxLxH) 145 x 195 x 148 mm • Application Restaurants, Department Stores, Kitchen, Convenience Stores, Specialty Retail, Super market
LABEL PRINTER	• Keyboard: QWERTY • Display: LCD, 16 digits x 3 lines • Tape Widths: 6mm, 9mm, 12mm, 18mm, 24mm • Resolution: 200 dpi • Speed: 6.0 mm/sec • Max Print Height: 12mm, Lines: 3 • Fonts: Sans-serif, Roman (Italic & Rounded) • Styles: Normal, Bold, Outline, Shadow, Raised • Effects: Shading, Underline, Box • Characters: 248 (Alphanumeric: 62, Symbols: 87, Accents: 99) • Frame Printing: 65, Layouts: 24 • Mirror & Vertical Printing: Yes • Numbering: 9, Logos: 60 • With extra ribbons multiple colours and chargeable cells and charging device
Temperature Sensor	• Temperature sensor for Server

Note:

1. It will be responsibility of the successful bidder to Install, configure the items (as per requirements) & provide necessary training to the concerned staff of the Purchaser.

2. During warranty period of the above mentioned Items, it will be responsibility of the successful bidder to replace faulty part(s) with genuine new part(s) at his own expense.

Additional District & Sessions Judge-VII,
Mardan