



AGRICULTURE DELIVERY UNIT (ADU)/PMU
Sindh Water & Agriculture Transformation (SWAT) Project
Hyderabad

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Say No to Corruption

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No. PD/SWAT/2025/

Dated: 13/6/2025

REQUEST FOR QUOTATION

Description	Procurement of IT Equipment & Essential Items for CRS, CSA and Agri Marketing
Activity Reference No:	PK-SAD-496621-GO-RFQ
Loan No:	IDA-72550-PK

The Government of Sindh through the Agriculture, Supply & Prices Department is implementing Sindh Water & Agriculture Transformation (SWAT) Project with financial assistance of the World Bank under International Development Association (IDA) No. 72550-PK.

Agriculture Delivery Unit (ADU) of Sindh Water & Agriculture Transformation (SWAT) Project invites sealed quotations from the reputed (NTN/GST/SRB) registered Firms, Manufactures, Authorized Dealers and Distributors having at least 5 years of previous experience to provide following types of office equipment

Technical Specifications and Schedule of Requirements

S.#	Particulars/Specifications	Quantity Required
	<u>Lot No. I</u>	
1.	<u>Laptops</u> i. Generation: 12th Generation ii. Processor: 12th Generation Intel Core i5-1235U Processor (10 Cores - 12 Threads) iii. Processor Speed: 1.30 GHz up to 4.40 GHz Turbo (12.0 MB Cache) iv. RAM: 16 GB DDR4-3200 MHz v. Storage: 512 GB PCIe NVMe M.2 SSD vi. Graphic Series: Intel Iris Xe Graphics vii. Screen Size: 15.6" FHD (1920x1080) viii. Backlit Keyboard: Full-size, backlit, natural silver keyboard with numeric keypad ix. Operating System: DOS x. 10. Cache: 12.0 MB Cache	10
2.	<u>Desktop Computer</u> i. Processor Model: Intel Core i3-14100 ii. Processor Generation: 14th Generation Intel Core i3 processor iii. Number of Cores: 4 cores iv. Number of Threads: 8 threads v. Clock Speed: Up to 4.7 GHz vi. RAM Capacity: 8GB vii. RAM Type: DDR5 viii. Storage Capacity: 512GB ix. Storage Type: Solid-State Drive (SSD) x. Graphics: Intel UHD Graphics 730	03

	<ul style="list-style-type: none"> xi. System Type: Desktop Computer xii. Operating System: (Optional) Windows or Ubuntu xiii. Form Factor: Micro Tower (MT) or Small Form Factor (SFF) xiv. Display Size: 19.5 inches xv. Display Type: LED 	
3	<p><u>Desktop Computer for Video Editing card</u></p> <ul style="list-style-type: none"> i. Processor: Intel Core i7-14400F ii. Processor Generation: 14th Gen Intel Core i7 iii. Number of Cores: 10 cores (6P + 4E) iv. Number of Threads: 16 threads v. Clock Speed: Up to 4.7 GHz vi. RAM: 32GB vii. Storage: 1TB HDD + 512GB SSD viii. Graphics Card: NVIDIA GeForce RTX 4060 ix. Graphics Card Memory: 8GB GDDR6 x. Graphics Architecture: NVIDIA Ada Lovelace xi. Display Size: 24 inches xii. Operating System: (Optional) Windows 11 or other supported OS 	04
4	<p><u>Printer Black & White</u></p> <ul style="list-style-type: none"> i. Print Technology: Laser ii. Number of Print Cartridges: 1 (black) iii. Print Resolution: Up to 1200 x 1200 dpi iv. Input Capacity: Up to 150 sheets v. Output Capacity: Up to 100 sheets vi. Media Sizes Supported: A4, A5, B5, Oficio, Letter, Legal, Executive vii. Connectivity: Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n (for 111w model) viii. Memory: 64 MB ix. Power Consumption: <ul style="list-style-type: none"> a. Active: 320 watts b. Ready: 33 watts c. Sleep: 1.1 watts d. Off: 0.2 watts x. Dimensions: approximately 367 mm x 325 mm x 378 mm 	03
5	<p><u>Printer Color</u></p> <ul style="list-style-type: none"> i. Print Technology: Laser ii. Color Printing: Yes iii. Number of Print Cartridges: 4 (CMYK) iv. Print Resolution: Up to 600 x 600 dpi v. Input Capacity: 150 sheets vi. Output Capacity: 50 sheets vii. Connectivity: Hi-Speed USB 2.0, Ethernet, Wireless 802.11 b/g/n viii. Mobile Printing: Apple AirPrint, Google Cloud Print, Mopria Certified ix. Power Consumption: <ul style="list-style-type: none"> a. Active: 282 watts b. Sleep: 1 watt x. Dimensions: 382 x 309 x 211.5 mm (minimum) to 382 x 397.8 x 274.4 mm (maximum) xi. Weight: 10.04 kg 	02

	xii. Recommended Monthly Page Volume: 100 to 500 pages	
6	<u>Photostat Machine</u> <ul style="list-style-type: none"> i. Multifunctional Device: Yes (Print, Copy, Scan) ii. Print Technology: Laser iii. Color Printing: Yes iv. Print Resolution: Up to 1200 x 1200 dpi v. Print Speed: Up to 27 ppm (A4) vi. Paper Capacity: Up to 550 sheets vii. Connectivity: Ethernet, USB, Wireless (optional) viii. Touchscreen Display: Yes ix. Scanning Resolution: Up to 600 x 600 dpi x. Scan to Email: Yes xi. Network Protocols: TCP/IP, HTTP, FTP, SMB xii. Security Features: Yes (various security options) 	04
7	<u>Digital Camera</u> <ul style="list-style-type: none"> i. Megapixels: 24.2MP APS-C CMOS Sensor ii. Image Processor: DIGIC X for fast focus and shooting speeds iii. Autofocus Points: 651 automatically-selected AF zones with Dual Pixel CMOS AF II iv. Continuous Shooting: <ul style="list-style-type: none"> v. - Up to 12 frames per second with Electronic First Curtain shutter mode vi. - Up to 15 frames per second with Electronic Shutter mode vii. ISO Range: 100-12800 (expandable to 25600) viii. Video Resolution: UHD 4K 30p video recording with 6K oversampling ix. Viewfinder: High-precision 0.39-inch OLED EVF with approximately 2.36 million dots and 120 fps refresh rate x. Lens Mount: Compatible with RF and RF-S lenses 	02
8	<u>Portable / Mini Projectors</u> <ul style="list-style-type: none"> i. Resolution: WXGA (1280x800) ii. Brightness: 3,600 lumens iii. Contrast Ratio: 20,000:1 iv. Throw Ratio: 1.39 - 1.68:1 v. Connectivity: HDMI, VGA, USB vi. Keystone Correction: <ul style="list-style-type: none"> vii. - Vertical: $\pm 40^\circ$ viii. - Horizontal: $\pm 30^\circ$ ix. Lamp Life: Up to 15,000 hours (eco mode) x. Display Technology: DLP (Digital Light Processing) xi. Aspect Ratio: 16:10 xii. Zoom Ratio: 1.21x xiii. Speaker: 10W mono speaker xiv. Input Lag: 16ms xv. Weight: Approximately 2.9 kg (6.4 lbs) 	02
9	<u>Loud Speaker & Wireless Mic</u> <ul style="list-style-type: none"> Active 600-Watt 12" PA Speaker System i. Power Output: 600W peak ii. Frequency Response: 20 Hz to 20 kHz (-10 dB) iii. Maximum SPL: 95 dB iv. LF Driver: 1 x 12" woofer v. HF Driver: 1 x 1" compression driver 	02

	<ul style="list-style-type: none"> vi. Audio I/O: vii. - 2 x XLR mic inputs viii. - 2 x 1/4" TRS unbalanced mic inputs ix. - 2 x RCA line inputs x. - 2 x RCA line outputs xi. - 1 x speakON speaker output xii. Wireless Connectivity: Bluetooth 4.2 xiii. Dimensions: 25 x 16.5 x 13.4" (63.5 x 42 x 34.1 cm) Handheld Dual-Channel UHF Wireless System xiv. Frequency Range: UHF xv. Number of Channels: 2 xvi. Wireless Range: Up to 300 feet xvii. Audio Frequency Response: 50 Hz to 15 kHz xviii. Dynamic Range: >100 dB A-weighted xix. Signal-to-Noise Ratio: >85 dB xx. Transmitter Battery Life: Up to 8 hours using two AA batteries xxi. Receiver Output: <ul style="list-style-type: none"> - Dual balanced XLR outputs - 1/4" unbalanced mix output 	
	<u>Lot No. II</u>	
1	<p><u>Uninterrupted Power Supply (Solar System) for Head Office(06KV)</u></p> <p>System Components</p> <ul style="list-style-type: none"> i. Inverter: 6 kW Hybrid Solar System Inverter (IP 54) ii. Solar Panels: 12 x 615W Solar Panels (total 7.38 kW) iii. Batteries: 24 x Deep Cycle Batteries iv. Mounting System: 6 x L2 Stands v. Wiring: <ul style="list-style-type: none"> - 4mm AC wire - 7/36 AC wire vi. Protection: <ul style="list-style-type: none"> - AC Breaker - AC/DC Box vii Accessories: <ul style="list-style-type: none"> - Channel patti - Pipes - Wire ties 	01

2	<p><u>Uninterrupted Power Supply (Solar System) for Head Office(04KV)</u></p> <p>System Components</p> <ol style="list-style-type: none"> i. Inverter: 4 kW Hybrid Solar System Inverter (IP 54) ii. Solar Panels: 4 x 615W Solar Panels (total 2.46 kW) iii. Batteries: 2 x Deep Cycle Batteries iv. Mounting System: 4 x L2 Stands v. Wiring: <ul style="list-style-type: none"> - 4mm AC wire - 7/36 AC wire vi Protection: <ul style="list-style-type: none"> - AC Breaker - AC/DC Box vii. Accessories: <ul style="list-style-type: none"> - Channel patti - Pipes - Wire ties - Other necessary components 	02
	<u>Lot No. III</u>	
	<p><u>Other Accessories (CCTV Security System + 4TB External HDD + MIFI/WIFI Devices)</u></p> <p>System Components</p> <ol style="list-style-type: none"> i. IP Camera: <ul style="list-style-type: none"> - Resolution: 4MP (2560x1440) - Image Sensor: 1/2.8" CMOS - Lens Options: 2.8mm, 3.6mm, or 6mm - Night Vision: Dual light (IR and warm light) - Video Compression: H.265 ii. NVR: <ul style="list-style-type: none"> - Model: NVR4000-4KS3 Series - Main Processor: Industrial-grade processor - Operating System: Embedded Linux - AI Features: SMD Plus, face detection, face recognition, perimeter protection, people counting, stereo analysis, heat map iii. Storage: <ul style="list-style-type: none"> - 4TB SATA III 3.5" internal hard drive iv. Display: <ul style="list-style-type: none"> - 32" Smart LED display v. Networking: <ul style="list-style-type: none"> - LSZH Cat 6 cable vi. Installation: <ul style="list-style-type: none"> - Wall mount - Metal junction box vii. Accessories: <ul style="list-style-type: none"> - All necessary accessories for setup 	08 Cameras Setup
	<u>Lot No. IV</u>	

	<p><u>Air Conditioners Inverter (1.5 tons heat & cool)</u></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> i. Type: Inverter Air Conditioner ii. Capacity: 1.5 Tons (18,000 BTU) iii. Cooling Mode: High-efficiency cooling iv. Heating Mode: Heat pump technology v. Inverter Technology: Energy efficiency and precise temperature control vi. Energy Efficiency Ratio (EER): High EER vii. Refrigerant: R-32 or R-410A viii. Power Supply: Single-phase, 230V ix. Power Consumption: Low x. Dehumidify Function: Yes xi. Auto-Restart: Yes xii. Operating Temperature Range: Suitable for various climates xiii. Noise Level: Low noise operation 	05
	<p><u>Dispenser/Water Cooler</u></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> i. Type: Water Dispenser ii. Cooling System: Compressor-based cooling iii. Heating System: Yes, with thermostat control iv. Temperature Control: Adjustable temperature settings v. Water Dispenser Type: Top-loading or bottom-loading vi. Material: Stainless steel or durable plastic vii. Safety Features: <ul style="list-style-type: none"> - Thermal protection 	30

The Subject item(s) will be procured under Shopping Method, in accordance with the World Bank Procurement Regulations for IPF Borrowers 2016 (revised November 2017, August 2018 and November 2020).

Companies having previous experience of above work and NTN/GST/SRB Registered may quote their competitive prices on or before **June 17, 2025**.

Delivery Time:	Within 15 working days after issuance of purchase order.
Mode of Payment:	Through crossed cheque after delivery and verification of items. Payment will be made lot-wise
Taxes:	Taxes will be deducted according to government rules.
Validity of Quotations:	The quotation validity required is Thirty (30) days.
Place of Delivery:	House No. 144, DOHS-I, Cantonment, Hyderabad, Sindh

The quotations with complete details of the quoted item may be addressed and submitted to the following on the address given below:

Date of Deadline:	June 17, 2025	Time of Deadline:	1300hrs (local time)
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Project Director

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