



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

Tel: 022-2721812 | 022-2721824 | Email: [pdswatagri@gmail.com](mailto:pdswatagri@gmail.com)



**Say No to Corruption**  
E-mail: [pdswatagri@gmail.com](mailto:pdswatagri@gmail.com)  
**No. PD/SWAT/PS/2026/ 1427**

Dated: 21/01/2026

**REQUEST FOR QUOTATION**

<b>Description</b>	Procurement of IT Equipment & Essential Items for CRS, CSA and Agri Marketing
<b>Activity Reference No:</b>	PK-SAD-496621-GO-RFQ
<b>Loan No:</b>	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 IT Equipment & Essential Items.

**Technical Specifications and Schedule of Requirements as Annexure- A**

*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 **February 06, 2026**.

<b>Delivery Time:</b>	Within 15 working days after issuance of purchase order.
<b>Mode of Payment:</b>	Through crossed cheque after delivery and verification of items. Payment will be made item-wise
<b>Taxes:</b>	Taxes will be deducted according to government rules.
<b>Validity of Quotations:</b>	The quotation validity required is Thirty (30) days.
<b>Place of Delivery:</b>	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:

<b>Date of Deadline:</b>	February 06, 2026	<b>Time of Deadline:</b>	1600hrs (local time)
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**PROJECT DIRECTOR**

Agriculture Delivery Unit (ADU)/PMU  
*Sindh Water & Agriculture Transformation Project (SWAT)*  
*House No. 144, DOHS-I, Cantonment*  
*Hyderabad, Sindh*  
*Ph: 0222-721812/ 0222-721824*

## Technical Specifications/General Information & Requirements

S.#	Particulars/Specifications	Quantity
1.	<p><b><u>Laptops</u></b></p> <ul style="list-style-type: none"> <li>i. Generation: 12th Generation</li> <li>ii. Processor: 12th Generation Intel Core i5-1235U Processor (10 Cores - 12 Threads)</li> <li>iii. Processor Speed: 1.30 GHz up to 4.40 GHz Turbo (12.0 MB Cache)</li> <li>iv. RAM: 16 GB DDR4-3200 MHz</li> <li>v. Storage: 512 GB PCIe NVMe M.2 SSD</li> <li>vi. Graphic Series: Intel Iris Xe Graphics</li> <li>vii. Screen Size: 15.6" FHD (1920x1080)</li> <li>viii. Backlit Keyboard: Full-size, backlit, natural silver keyboard with numeric keypad</li> <li>ix. Operating System: DOS</li> <li>x. 10. Cache: 12.0 MB Cache</li> </ul>	09
2.	<p><b><u>Desktop Computer</u></b></p> <ul style="list-style-type: none"> <li>i. Processor Model: Intel Core i5-14100</li> <li>ii. Processor Generation: 12th Generation Intel Core i3 processor</li> <li>iii. Number of Cores: 4 cores</li> <li>iv. Number of Threads: 8 threads</li> <li>v. Clock Speed: Up to 4.7 GHz</li> <li>vi. RAM Capacity: 8GB</li> <li>vii. RAM Type: DDR5</li> <li>viii. Storage Capacity: 512GB</li> <li>ix. Storage Type: Solid-State Drive (SSD)</li> <li>x. Graphics: Intel UHD Graphics 730</li> <li>xi. System Type: Desktop Computer</li> <li>xii. Operating System: (Optional) Windows or Ubuntu</li> <li>xiii. Form Factor: Micro Tower (MT) or Small Form Factor (SFF)</li> <li>xiv. Display Size: 22-24 inches</li> <li>xv. Display Type: LED</li> </ul>	03
3	<p><b><u>Desktop Computer with Video Editing card</u></b></p> <ul style="list-style-type: none"> <li>i. Processor: Intel Core i5-14400F</li> <li>ii. Processor Generation: 12th Gen Intel Core i7</li> <li>iii. Number of Cores: 10 cores (6P + 4E)</li> <li>iv. Number of Threads: 16 threads</li> <li>v. Clock Speed: Up to 4.7 GHz</li> <li>vi. RAM: 32GB</li> <li>vii. Storage: 1TB HDD + 512GB SSD</li> <li>viii. Graphics Card: NVIDIA GeForce RTX 4060</li> <li>ix. Graphics Card Memory: 8GB GDDR6</li> <li>x. Graphics Architecture: NVIDIA Ada Lovelace</li> <li>xi. Display Size: 27 inches</li> <li>xii. Operating System: (Optional) Windows 11 or other supported OS</li> </ul>	04
4	<p><b><u>Printer Black &amp; White</u></b></p> <ul style="list-style-type: none"> <li>i. Print Technology: Laser</li> <li>ii. Number of Print Cartridges: 1 (black)</li> <li>iii. Print Resolution: Up to 1200 x 1200 dpi</li> <li>iv. Input Capacity: Up to 150 sheets</li> <li>v. Output Capacity: Up to 100 sheets</li> <li>vi. Media Sizes Supported: A4, A5, B5, Oficio, Letter, Legal, Executive</li> <li>vii. Connectivity: Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n (for 111w model)</li> <li>viii. Memory: 64 MB</li> <li>ix. Power Consumption: <ul style="list-style-type: none"> <li>a. Active: 320 watts</li> <li>b. Ready: 33 watts</li> <li>c. Sleep: 1.1 watts</li> </ul> </li> </ul>	03

	<p>d. Off: 0.2 watts</p> <p>x. Dimensions: approximately 367 mm x 325 mm x 378 mm</p>	
5	<p><b>Printer Color</b></p> <ul style="list-style-type: none"> <li>i. Print Technology: Laser</li> <li>ii. Color Printing: Yes</li> <li>iii. Number of Print Cartridges: 4 (CMYK)</li> <li>iv. Print Resolution: Up to 600 x 600 dpi</li> <li>v. Input Capacity: 150 sheets</li> <li>vi. Output Capacity: 50 sheets</li> <li>vii. Connectivity: Hi-Speed USB 2.0, Ethernet, Wireless 802.11 b/g/n</li> <li>viii. Mobile Printing: Apple AirPrint, Google Cloud Print, Mopria Certified</li> <li>ix. Power Consumption: <ul style="list-style-type: none"> <li>a. Active: 282 watts</li> <li>b. Sleep: 1 watt</li> </ul> </li> <li>x. Dimensions: 382 x 309 x 211.5 mm (minimum) to 382 x 397.8 x 274.4 mm (maximum)</li> <li>xi. Weight: 10.04 kg</li> <li>xii. Recommended Monthly Page Volume: 100 to 500 pages</li> </ul>	02
6	<p><b>Photostat Machine</b></p> <ul style="list-style-type: none"> <li>i. Multifunctional Device: Yes (Print, Copy, Scan)</li> <li>ii. Print Technology: Laser</li> <li>iii. Color Printing: Yes</li> <li>iv. Print Resolution: Up to 1200 x 1200 dpi</li> <li>v. Print Speed: Up to 27 ppm (A4)</li> <li>vi. Paper Capacity: Up to 550 sheets</li> <li>vii. Connectivity: Ethernet, USB, Wireless (optional)</li> <li>viii. Touchscreen Display: Yes</li> <li>ix. Scanning Resolution: Up to 600 x 600 dpi</li> <li>x. Scan to Email: Yes</li> <li>xi. Network Protocols: TCP/IP, HTTP, FTP, SMB</li> <li>xii. Security Features: Yes (various security options)</li> </ul>	04
7	<p><b>Digital Camera</b></p> <ul style="list-style-type: none"> <li>i. Megapixels: 24.2MP APS-C CMOS Sensor</li> <li>ii. Image Processor: DIGIC X for fast focus and shooting speeds</li> <li>iii. Autofocus Points: 651 automatically-selected AF zones with Dual Pixel CMOS AF II</li> <li>iv. Continuous Shooting: <ul style="list-style-type: none"> <li>v. - Up to 12 frames per second with Electronic First Curtain shutter mode</li> <li>vi. - Up to 15 frames per second with Electronic Shutter mode</li> </ul> </li> <li>vii. ISO Range: 100-12800 (expandable to 25600)</li> <li>viii. Video Resolution: UHD 4K 30p video recording with 6K oversampling</li> <li>ix. Viewfinder: High-precision 0.39-inch OLED EVF with approximately 2.36 million dots and 120 fps refresh rate</li> <li>x. Lens Mount: Compatible with RF and RF-S lenses</li> </ul>	02
8	<p><b>Portable / Mini Projectors</b></p> <ul style="list-style-type: none"> <li>i. Resolution: WXGA (1280x800)</li> <li>ii. Brightness: 3,600 lumens</li> <li>iii. Contrast Ratio: 20,000:1</li> <li>iv. Throw Ratio: 1.39 - 1.68:1</li> <li>v. Connectivity: HDMI, VGA, USB</li> <li>vi. Keystone Correction: <ul style="list-style-type: none"> <li>vii. - Vertical: <math>\pm 40^\circ</math></li> <li>viii. - Horizontal: <math>\pm 30^\circ</math></li> </ul> </li> <li>ix. Lamp Life: Up to 15,000 hours (eco mode)</li> <li>x. Display Technology: DLP (Digital Light Processing)</li> <li>xi. Aspect Ratio: 16:10</li> <li>xii. Zoom Ratio: 1.21x</li> <li>xiii. Speaker: 10W mono speaker</li> <li>xiv. Input Lag: 16ms</li> <li>xv. Weight: Approximately 2.9 kg (6.4 lbs)</li> </ul>	02

9	<p><b><u>Loud Speaker &amp; Wireless Mic</u></b></p> <ul style="list-style-type: none"> <li>Active 600-Watt 12" PA Speaker System</li> <li>i. Power Output: 600W peak</li> <li>ii. Frequency Response: 20 Hz to 20 kHz (-10 dB)</li> <li>iii. Maximum SPL: 95 dB</li> <li>iv. LF Driver: 1 x 12" woofer</li> <li>v. HF Driver: 1 x 1" compression driver</li> <li>vi. Audio I/O:</li> <li>vii. - 2 x XLR mic inputs</li> <li>viii. - 2 x 1/4" TRS unbalanced mic inputs</li> <li>ix. - 2 x RCA line inputs</li> <li>x. - 2 x RCA line outputs</li> <li>xi. - 1 x speak ON speaker output</li> <li>xii. Wireless Connectivity: Bluetooth 4.2</li> <li>xiii. Dimensions: 25 x 16.5 x 13.4" (63.5 x 42 x 34.1 cm)</li> <li>Handheld Dual-Channel UHF Wireless System</li> <li>xiv. Frequency Range: UHF</li> <li>xv. Number of Channels: 2</li> <li>xvi. Wireless Range: Up to 300 feet</li> <li>xvii. Audio Frequency Response: 50 Hz to 15 kHz</li> <li>xviii. Dynamic Range: &gt;100 dB A-weighted</li> <li>xix. Signal-to-Noise Ratio: &gt;85 dB</li> <li>xx. Transmitter Battery Life: Up to 8 hours using two AA batteries</li> <li>xxi. Receiver Output: <ul style="list-style-type: none"> <li>- Dual balanced XLR outputs</li> <li>- 1/4" unbalanced mix output</li> </ul> </li> </ul>	02
10	<p><b><u>Uninterrupted Power Supply (Solar System) for Head Office(5-6KV)</u></b></p> <p>System Components</p> <ul style="list-style-type: none"> <li>i. Inverter: 5- or 6-kW Hybrid Solar System Inverter (IP 54)</li> <li>ii. Solar Panels: 12 x 615W Solar Panels (total 7.38 kW)</li> <li>iii. Batteries: 24 x Deep Cycle Batteries</li> <li>iv. Mounting System: 6 x L2 Stands</li> <li>v. Wiring: <ul style="list-style-type: none"> <li>- 4mm AC wire</li> <li>- 7/36 AC wire</li> </ul> </li> <li>vi. Protection: <ul style="list-style-type: none"> <li>- AC Breaker</li> <li>- AC/DC Box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- Channel patti</li> <li>- Pipes</li> <li>- Wire ties</li> </ul> </li> </ul>	01
11	<p><b><u>Uninterrupted Power Supply (Solar System) for Head Office(3-4KV)</u></b></p> <p>System Components</p> <ul style="list-style-type: none"> <li>i. Inverter: 03- or 04-kW Hybrid Solar System Inverter (IP 54)</li> <li>ii. Solar Panels: 4 x 615W Solar Panels (total 2.46 kW)</li> <li>iii. Batteries: 2 x Deep Cycle Batteries</li> <li>iv. Mounting System: 4 x L2 Stands</li> <li>v. Wiring: <ul style="list-style-type: none"> <li>- 4mm AC wire</li> <li>- 7/36 AC wire</li> </ul> </li> <li>vi. Protection: <ul style="list-style-type: none"> <li>- AC Breaker</li> <li>- AC/DC Box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- Channel patti</li> <li>- Pipes</li> <li>- Wire ties</li> <li>- Other necessary components</li> </ul> </li> </ul>	02
12	<p><b><u>Other Accessories (CCTV Security System + 4TB External HDD + MIFI/WIFI Devices)</u></b></p> <p>System Components</p>	08 Cameras Setup

	<ul style="list-style-type: none"> <li>i. IP Camera: <ul style="list-style-type: none"> <li>- Resolution: 4MP (2560x1440)</li> <li>- Image Sensor: 1/2.8" CMOS</li> <li>- Lens Options: 2.8mm, 3.6mm, or 6mm</li> <li>- Night Vision: Dual light (IR and warm light)</li> <li>- Video Compression: H.265</li> </ul> </li> <li>ii. NVR: <ul style="list-style-type: none"> <li>- Model: NVR4000-4KS3 Series</li> <li>- Main Processor: Industrial-grade processor</li> <li>- Operating System: Embedded Linux</li> <li>- AI Features: SMD Plus, face detection, face recognition, perimeter protection, people counting, stereo analysis, heat map</li> </ul> </li> <li>iii. Storage: <ul style="list-style-type: none"> <li>- 4TB SATA III 3.5" internal hard drive</li> </ul> </li> <li>iv. Display: <ul style="list-style-type: none"> <li>- 32" Smart LED display</li> </ul> </li> <li>v. Networking: <ul style="list-style-type: none"> <li>- LSZH Cat 6 cable</li> </ul> </li> <li>vi. Installation: <ul style="list-style-type: none"> <li>- Wall mount</li> <li>- Metal junction box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- All necessary accessories for setup</li> </ul> </li> </ul>	
13	<p><b><u>Air Conditioners Inverter (1.5 tons heat &amp; cool)</u></b></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> <li>i. Type: Inverter Air Conditioner</li> <li>ii. Capacity: 1.5 Tons (18,000 BTU)</li> <li>iii. Cooling Mode: High-efficiency cooling</li> <li>iv. Heating Mode: Heat pump technology</li> <li>v. Inverter Technology: Energy efficiency and precise temperature control</li> <li>vi. Energy Efficiency Ratio (EER): High EER</li> <li>vii. Refrigerant: R-32 or R-410A</li> <li>viii. Power Supply: Single-phase, 230V</li> <li>ix. Power Consumption: Low</li> <li>x. Dehumidify Function: Yes</li> <li>xi. Auto-Restart: Yes</li> <li>xii. Operating Temperature Range: Suitable for various climates</li> <li>xiii. Noise Level: Low noise operation</li> </ul>	05
14	<p><b><u>Dispenser/Water Cooler</u></b></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> <li>i. Type: Water Dispenser</li> <li>ii. Cooling System: Compressor-based cooling</li> <li>iii. Heating System: Yes, with thermostat control</li> <li>iv. Temperature Control: Adjustable temperature settings</li> <li>v. Water Dispenser Type: Top-loading or bottom-loading</li> <li>vi. Material: Stainless steel or durable plastic</li> <li>vii. Safety Features: <ul style="list-style-type: none"> <li>- Thermal protection</li> </ul> </li> </ul>	30

## Quotation Submission Sheet

S.#	Particulars/Specifications	Quantity	Unit Price (PKR)	Total Price (PKR)
1.	<p><b>Laptops</b></p> <ul style="list-style-type: none"> <li>i. Generation: 12th Generation</li> <li>ii. Processor: 12th Generation Intel Core i5-1235U Processor (10 Cores - 12 Threads)</li> <li>iii. Processor Speed: 1.30 GHz up to 4.40 GHz Turbo (12.0 MB Cache)</li> <li>iv. RAM: 16 GB DDR4-3200 MHz</li> <li>v. Storage: 512 GB PCIe NVMe M.2 SSD</li> <li>vi. Graphic Series: Intel Iris Xe Graphics</li> <li>vii. Screen Size: 15.6" FHD (1920x1080)</li> <li>viii. Backlit Keyboard: Full-size, backlit, natural silver keyboard with numeric keypad</li> <li>ix. Operating System: DOS</li> <li>x. Cache: 12.0 MB Cache</li> </ul>	09		
2.	<p><b>Desktop Computer</b></p> <ul style="list-style-type: none"> <li>i. Processor Model: Intel Core i5-14100</li> <li>ii. Processor Generation: 12th Generation Intel Core i3 processor</li> <li>iii. Number of Cores: 4 cores</li> <li>iv. Number of Threads: 8 threads</li> <li>v. Clock Speed: Up to 4.7 GHz</li> <li>vi. RAM Capacity: 8GB</li> <li>vii. RAM Type: DDR5</li> <li>viii. Storage Capacity: 512GB</li> <li>ix. Storage Type: Solid-State Drive (SSD)</li> <li>x. Graphics: Intel UHD Graphics 730</li> <li>xi. System Type: Desktop Computer</li> <li>xii. Operating System: (Optional) Windows or Ubuntu</li> <li>xiii. Form Factor: Micro Tower (MT) or Small Form Factor (SFF)</li> <li>xiv. Display Size: 22-24 inches</li> <li>xv. Display Type: LED</li> </ul>	03		
3	<p><b>Desktop Computer with Video Editing card</b></p> <ul style="list-style-type: none"> <li>i. Processor: Intel Core i5-14400F</li> <li>ii. Processor Generation: 12th Gen Intel Core i7</li> <li>iii. Number of Cores: 10 cores (6P + 4E)</li> <li>iv. Number of Threads: 16 threads</li> <li>v. Clock Speed: Up to 4.7 GHz</li> <li>vi. RAM: 32GB</li> <li>vii. Storage: 1TB HDD + 512GB SSD</li> <li>viii. Graphics Card: NVIDIA GeForce RTX 4060</li> <li>ix. Graphics Card Memory: 8GB GDDR6</li> <li>x. Graphics Architecture: NVIDIA Ada Lovelace</li> <li>xi. Display Size: 27 inches</li> <li>xii. Operating System: (Optional) Windows 11 or other supported OS</li> </ul>	04		
4	<p><b>Printer Black &amp; White</b></p> <ul style="list-style-type: none"> <li>i. Print Technology: Laser</li> <li>ii. Number of Print Cartridges: 1 (black)</li> <li>iii. Print Resolution: Up to 1200 x 1200 dpi</li> <li>iv. Input Capacity: Up to 150 sheets</li> <li>v. Output Capacity: Up to 100 sheets</li> <li>vi. Media Sizes Supported: A4, A5, B5, Oficio, Letter, Legal, Executive</li> <li>vii. Connectivity: Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n (for 111w model)</li> <li>viii. Memory: 64 MB</li> <li>ix. Power Consumption:</li> </ul>	03		

	<ul style="list-style-type: none"> <li>a. Active: 320 watts</li> <li>b. Ready: 33 watts</li> <li>c. Sleep: 1.1 watts</li> <li>d. Off: 0.2 watts</li> </ul> <p>x. Dimensions: approximately 367 mm x 325 mm x 378 mm</p>			
5	<p><b><u>Printer Color</u></b></p> <ul style="list-style-type: none"> <li>i. Print Technology: Laser</li> <li>ii. Color Printing: Yes</li> <li>iii. Number of Print Cartridges: 4 (CMYK)</li> <li>iv. Print Resolution: Up to 600 x 600 dpi</li> <li>v. Input Capacity: 150 sheets</li> <li>vi. Output Capacity: 50 sheets</li> <li>vii. Connectivity: Hi-Speed USB 2.0, Ethernet, Wireless 802.11 b/g/n</li> <li>viii. Mobile Printing: Apple AirPrint, Google Cloud Print, Mopria Certified</li> <li>ix. Power Consumption: <ul style="list-style-type: none"> <li>a. Active: 282 watts</li> <li>b. Sleep: 1 watt</li> </ul> </li> <li>x. Dimensions: 382 x 309 x 211.5 mm (minimum) to 382 x 397.8 x 274.4 mm (maximum)</li> <li>xi. Weight: 10.04 kg</li> <li>xii. Recommended Monthly Page Volume: 100 to 500 pages</li> </ul>	02		
6	<p><b><u>Photostat Machine</u></b></p> <ul style="list-style-type: none"> <li>i. Multifunctional Device: Yes (Print, Copy, Scan)</li> <li>ii. Print Technology: Laser</li> <li>iii. Color Printing: Yes</li> <li>iv. Print Resolution: Up to 1200 x 1200 dpi</li> <li>v. Print Speed: Up to 27 ppm (A4)</li> <li>vi. Paper Capacity: Up to 550 sheets</li> <li>vii. Connectivity: Ethernet, USB, Wireless (optional)</li> <li>viii. Touchscreen Display: Yes</li> <li>ix. Scanning Resolution: Up to 600 x 600 dpi</li> <li>x. Scan to Email: Yes</li> <li>xi. Network Protocols: TCP/IP, HTTP, FTP, SMB</li> <li>xii. Security Features: Yes (various security options)</li> </ul>	04		
7	<p><b><u>Digital Camera</u></b></p> <ul style="list-style-type: none"> <li>i. Megapixels: 24.2MP APS-C CMOS Sensor</li> <li>ii. Image Processor: DIGIC X for fast focus and shooting speeds</li> <li>iii. Autofocus Points: 651 automatically-selected AF zones with Dual Pixel CMOS AF II</li> <li>iv. Continuous Shooting: <ul style="list-style-type: none"> <li>v. - Up to 12 frames per second with Electronic First Curtain shutter mode</li> <li>vi. - Up to 15 frames per second with Electronic Shutter mode</li> </ul> </li> <li>vii. ISO Range: 100-12800 (expandable to 25600)</li> <li>viii. Video Resolution: UHD 4K 30p video recording with 6K oversampling</li> <li>ix. Viewfinder: High-precision 0.39-inch OLED EVF with approximately 2.36 million dots and 120 fps refresh rate</li> <li>x. Lens Mount: Compatible with RF and RF-S lenses</li> </ul>	02		
8	<p><b><u>Portable / Mini Projectors</u></b></p> <ul style="list-style-type: none"> <li>i. Resolution: WXGA (1280x800)</li> <li>ii. Brightness: 3,600 lumens</li> <li>iii. Contrast Ratio: 20,000:1</li> <li>iv. Throw Ratio: 1.39 - 1.68:1</li> <li>v. Connectivity: HDMI, VGA, USB</li> <li>vi. Keystone Correction: <ul style="list-style-type: none"> <li>vii. - Vertical: ±40°</li> </ul> </li> </ul>	02		

	<ul style="list-style-type: none"> <li>viii. - Horizontal: ±30°</li> <li>ix. Lamp Life: Up to 15,000 hours (eco mode)</li> <li>x. Display Technology: DLP (Digital Light Processing)</li> <li>xi. Aspect Ratio: 16:10</li> <li>xii. Zoom Ratio: 1.21x</li> <li>xiii. Speaker: 10W mono speaker</li> <li>xiv. Input Lag: 16ms</li> <li>xv. Weight: Approximately 2.9 kg (6.4 lbs)</li> </ul>		
9	<p><b><u>Loud Speaker &amp; Wireless Mic</u></b></p> <ul style="list-style-type: none"> <li>Active 600-Watt 12" PA Speaker System</li> <li>i. Power Output: 600W peak</li> <li>ii. Frequency Response: 20 Hz to 20 kHz (-10 dB)</li> <li>iii. Maximum SPL: 95 dB</li> <li>iv. LF Driver: 1 x 12" woofer</li> <li>v. HF Driver: 1 x 1" compression driver</li> <li>vi. Audio I/O: <ul style="list-style-type: none"> <li>- 2 x XLR mic inputs</li> <li>- 2 x 1/4" TRS unbalanced mic inputs</li> <li>- 2 x RCA line inputs</li> <li>- 2 x RCA line outputs</li> <li>- 1 x speak ON speaker output</li> </ul> </li> <li>vii. Dimensions: 25 x 16.5 x 13.4" (63.5 x 42 x 34.1 cm)</li> <li>xii. Wireless Connectivity: Bluetooth 4.2</li> <li>xiii. Handheld Dual-Channel UHF Wireless System</li> <li>xiv. Frequency Range: UHF</li> <li>xv. Number of Channels: 2</li> <li>xvi. Wireless Range: Up to 300 feet</li> <li>xvii. Audio Frequency Response: 50 Hz to 15 kHz</li> <li>xviii. Dynamic Range: &gt;100 dB A-weighted</li> <li>xix. Signal-to-Noise Ratio: &gt;85 dB</li> <li>xx. Transmitter Battery Life: Up to 8 hours using two AA batteries</li> <li>xxi. Receiver Output: <ul style="list-style-type: none"> <li>- Dual balanced XLR outputs</li> <li>- 1/4" unbalanced mix output</li> </ul> </li> </ul>	02	
10	<p><b><u>Uninterrupted Power Supply (Solar System) for Head Office(5-6KV)</u></b></p> <ul style="list-style-type: none"> <li>System Components <ul style="list-style-type: none"> <li>i. Inverter: 5- or 6-kW Hybrid Solar System Inverter (IP 54)</li> <li>ii. Solar Panels: 12 x 615W Solar Panels (total 7.38 kW)</li> <li>iii. Batteries: 24 x Deep Cycle Batteries</li> <li>iv. Mounting System: 6 x L2 Stands</li> <li>v. Wiring: <ul style="list-style-type: none"> <li>- 4mm AC wire</li> <li>- 7/36 AC wire</li> </ul> </li> <li>vi. Protection: <ul style="list-style-type: none"> <li>- AC Breaker</li> <li>- AC/DC Box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- Channel patti</li> <li>- Pipes</li> <li>- Wire ties</li> </ul> </li> </ul> </li> </ul>	01	

11	<p><b><u>Uninterrupted Power Supply (Solar System) for Head Office(3-4KV)</u></b></p> <p>System Components</p> <ul style="list-style-type: none"> <li>i. Inverter: 03- or 04-kW Hybrid Solar System Inverter (IP 54)</li> <li>ii. Solar Panels: 4 x 615W Solar Panels (total 2.46 kW)</li> <li>iii. Batteries: 2 x Deep Cycle Batteries</li> <li>iv. Mounting System: 4 x L2 Stands</li> <li>v. Wiring: <ul style="list-style-type: none"> <li>- 4mm AC wire</li> <li>- 7/36 AC wire</li> </ul> </li> <li>vi. Protection: <ul style="list-style-type: none"> <li>- AC Breaker</li> <li>- AC/DC Box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- Channel patti</li> <li>- Pipes</li> <li>- Wire ties</li> <li>- Other necessary components</li> </ul> </li> </ul>	02		
12	<p><b><u>Other Accessories (CCTV Security System + 4TB External HDD + MIFI/WIFI Devices)</u></b></p> <p>System Components</p> <ul style="list-style-type: none"> <li>i. IP Camera: <ul style="list-style-type: none"> <li>- Resolution: 4MP (2560x1440)</li> <li>- Image Sensor: 1/2.8" CMOS</li> <li>- Lens Options: 2.8mm, 3.6mm, or 6mm</li> <li>- Night Vision: Dual light (IR and warm light)</li> <li>- Video Compression: H.265</li> </ul> </li> <li>ii. NVR: <ul style="list-style-type: none"> <li>- Model: NVR4000-4KS3 Series</li> <li>- Main Processor: Industrial-grade processor</li> <li>- Operating System: Embedded Linux</li> <li>- AI Features: SMD Plus, face detection, face recognition, perimeter protection, people counting, stereo analysis, heat map</li> </ul> </li> <li>iii. Storage: <ul style="list-style-type: none"> <li>- 4TB SATA III 3.5" internal hard drive</li> </ul> </li> <li>iv. Display: <ul style="list-style-type: none"> <li>- 32" Smart LED display</li> </ul> </li> <li>v. Networking: <ul style="list-style-type: none"> <li>- LSZH Cat 6 cable</li> </ul> </li> <li>vi. Installation: <ul style="list-style-type: none"> <li>- Wall mount</li> <li>- Metal junction box</li> </ul> </li> <li>vii. Accessories: <ul style="list-style-type: none"> <li>- All necessary accessories for setup</li> </ul> </li> </ul>	08 Cameras Setup		
13	<p><b><u>Air Conditioners Inverter (1.5 tons heat &amp; cool)</u></b></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> <li>i. Type: Inverter Air Conditioner</li> <li>ii. Capacity: 1.5 Tons (18,000 BTU)</li> <li>iii. Cooling Mode: High-efficiency cooling</li> <li>iv. Heating Mode: Heat pump technology</li> <li>v. Inverter Technology: Energy efficiency and precise temperature control</li> <li>vi. Energy Efficiency Ratio (EER): High EER</li> <li>vii. Refrigerant: R-32 or R-410A</li> <li>viii. Power Supply: Single-phase, 230V</li> <li>ix. Power Consumption: Low</li> <li>x. Dehumidify Function: Yes</li> <li>xi. Auto-Restart: Yes</li> <li>xii. Operating Temperature Range: Suitable for various climates</li> <li>xiii. Noise Level: Low noise operation</li> </ul>	05		

14	<p><b><u>Dispenser/Water Cooler</u></b></p> <p>Technical Specifications</p> <ul style="list-style-type: none"> <li>i. Type: Water Dispenser</li> <li>ii. Cooling System: Compressor-based cooling</li> <li>iii. Heating System: Yes, with thermostat control</li> <li>iv. Temperature Control: Adjustable temperature settings</li> <li>v. Water Dispenser Type: Top-loading or bottom-loading</li> <li>vi. Material: Stainless steel or durable plastic</li> <li>vii. Safety Features: <ul style="list-style-type: none"> <li>- Thermal protection</li> </ul> </li> </ul>	30		
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**Note:** The suppliers may submit bids for one or more items. However, evaluation and award of Contract will be done individually for each item. Prices of items are also to be submitted at this stage. The quantities of items listed may increase or decrease by 15% depending on the requirement of Project.

## Form of Quotation

Date: / /

To:

\_\_\_\_\_  
\_\_\_\_\_  
(Purchaser's Name)  
(Purchaser's Address)

We offer to execute the material supply (name and number of Contract) in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of \_\_\_\_\_ (amount in words and numbers) (\_\_\_\_\_\_). We propose to complete the Supplies described in the Contract for a period of \_\_\_\_\_ words and number) \_\_\_\_\_ calendar days from the Start Date.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive. We hereby confirm that this Quotation complies with the Validity of the Quotation required by the proposal documents.

**Authorized Signature**


**Name and Title of Signatory**

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**Name of Supplier**


**Address**


**Phone Number**

**Email, if any**