



**Government of Sindh
Planning & Development Department
Project Coordination & Monitoring Unit
Sindh Barrages Improvement Project
Sindh Water & Agriculture Transformation Project**

REQUEST FOR QUOTATION

STEP Reference: **PK-PCMU-386682-GO-RFQ**

Dated: **4th September, 2023**

Dear:

Subject: Request for Quotations for Procurement of Office IT Equipment.

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

Project Coordination & Monitoring Unit (PCMU) of Sindh Water & Agriculture Transformation (SWAT) Project invites sealed quotations from the reputed (NTN/GST/SRB) registered Firms, Manufactures, Authorized Dealers and Distributors having previous experience to provide following types of office equipment.

Sr. #	Description	Qty
1	LAPTOP EXECUTIVE <ul style="list-style-type: none">▪ Processor Type M2 Chip.▪ Processor Speed 8-core CPU with 4 performance cores and 4 efficiency cores 8-core GPU 16-core Neural Engine.▪ Installed RAM 16 GB unified memory.▪ Type of memory 512 SSD.▪ Graphics processor Intel.▪ Backlight LED▪ Screen size 13.3" Retina Display with True Tone & IPS Technology▪ Fingerprint Reader Touch ID sensor.▪ Backlit keyboard Backlit Magic Keyboard with: 65 (U.S.) or 66 (ISO) keys including 4 arrow keys in an inverted-T arrangement Touch Bar Touch ID sensor Ambient light sensor Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force click.▪ Bluetooth 5.0 wireless technology.▪ 720p Face Time HD camera.▪ Two Thunderbolt / USB 4 ports with support for Charging DisplayPort Thunderbolt 3 (up to 40Gb/s) USB 3.1 Gen 2 (up to 10Gb/s).▪ 1 year Warranty International.	4
2	LAPTOP <ul style="list-style-type: none">▪ Operating system: Windows 11 13th Generation▪ Processor, graphics & memory: Intel® Core™ i7▪ Storage: 512 GB PCIe® NVMe™ TLC M.2 SSD (4x4 SSD)▪ Installed RAM: Minimum 16 GB memory	6

	<ul style="list-style-type: none"> ▪ Display: At least 13.5" diagonal or (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC 3 ▪ Webcam: True Vision 5MP ▪ Keyboard: Full-size, backlit ▪ Finger print reader: Fingerprint reader ▪ External I/O Ports: Minimum 3 with HDMI port ▪ Wireless technology: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card ▪ Primary battery: Minimum 6 hours Backup ▪ Power supply: Rapid Charging Technology ▪ Office software: MS Office (Professional) ▪ Warranty: At least 1-year warranty. 	
3	<p>PRINTER (COLOR)</p> <ul style="list-style-type: none"> ▪ Function: Print, copy and Scan (ADF) ▪ Printing: Automatic Duplex ▪ Speed: Up to 35ppm ▪ Technology: Laser ▪ Display: Required ▪ Processor Speed: Minimum 800MHz ▪ Paper Trays: Minimum 2 ▪ Memory: Standard / Max. 256 ▪ Connectivity: USB and Wireless ▪ Warranty: 1 Year <p><i>Compatible with Windows and other OS</i></p>	3
4	<p>PRINTER (3 in 1) BLACK & WHITE</p> <ul style="list-style-type: none"> ▪ Function: Print, copy and Scan (ADF) ▪ Printing: Automatic Duplex ▪ Speed: At least 20 ppm ▪ Technology: Laser ▪ Display: Required ▪ Connectivity: USB and Wireless ▪ Warranty: 1 Year <p><i>Compatible with Windows and other OS</i></p>	5
5	<p>TABLET</p> <ul style="list-style-type: none"> ▪ Capacity: 256 GB ▪ Display: 12.9" Liquid Retina XDR display ▪ Chip: M2 Chip ▪ Speaker: Four Speaker Audio ▪ Connectivity: Wi Fi 6E (802.11ax) with 2x2 MIMO; speeds up to 2.4 Gbps ▪ Charging & Expansion: Thunderbolt / USB 4 port with support for: Charging, DisplayPort, Thunderbolt 3 (up to 40Gb/s), USB 4 (up to 40Gb/s), USB 3.1 Gen 2 (up to 10Gb/s) ▪ Battery: Built-in 40.88-watt-hour rechargeable lithium-polymer battery ▪ Video Playback: Supported formats include HEVC, H.264, and ProRes, HDR with Dolby Vision, HDR10, and HLG 	1

6	<p>PHOTOCOPIER MACHINE</p> <ul style="list-style-type: none"> • Type: Pedestal • Copying Type: 1 beam laser printing • Copy Resolution: Minimum 600X600 dpi • Print Resolution: 600X600 dpi approx. • Copy/Print Speed: Minimum 20 cpm/ppm • Paper Capacity: Minimum 500 sheets • Drawer: Minimum 2 (A4, A5) • Trolley: Compatible with Matching Color • RAM: Minimum 4/8GB • HDD: Minimum 80GB • Warm up time: Maximum 30 Seconds • Functions: Copy, Print, Scan, Fax & e-filing • RADF: Minimum 50 Sheets • Toner: Included • Interface: Ethernet/USB/Wireless LAN • Duplex: Standard • Drivers Compatibility: Windows/Mac/Unix/Linux • Warranty: Brand Warranty 	02
7	<p>VIDEO CONFERENCING SYSTEM</p> <p>Camera</p> <ul style="list-style-type: none"> ○ Smooth motorized pan, tilt and zoom controlled from remote or console ○ Pan +/- 90° ○ Tilt +35° / -45 ○ 10x lossless HD zoom ○ Field of View <ul style="list-style-type: none"> • Diagonal: 90° • Horizontal: 82.1° • Vertical: 52.2° ○ Full HD 1080p 30fps ○ H.264 UVC 1.5 with Scalable Video Coding (SVC) ○ Autofocus ○ 5 camera presets ○ Far-end control (PTZ) of Conference Cam product (with supported services) ○ Kensington security slot ○ Video mute/unmute LED indicator ○ Standard tripod thread <p>Remote Control</p> <ul style="list-style-type: none"> ○ Camera, speakerphone, and call control ○ 5 camera presets ○ Docks on speakerphone 	01

- IR 8.5 m range
- CR2032 battery (included)

SPEAKERPHONE

- Full-duplex performance
- Acoustic echo cancellation
- Noise reduction technology
- Ultra-wideband audio
- Pairs with mobile devices via Bluetooth and NFC
- LCD for caller ID, call duration and other functional response
- LEDs for speakerphone streaming, mute, hold, and Bluetooth
- Tactile buttons for call answer/end, volume and mute, Bluetooth, and camera controls
- 5 camera presets for pan, tilt, and zoom settings
- Kensington security slot

Microphones

- Pickup Range: 6 m
- Pickup range with expansion mics: 8.5 m
- Four omnidirectional, beamforming microphones
- Frequency Response: 100Hz – 11KHz
- Sensitivity: -28 dB +/-3dB
- Distortion: <5% from 200Hz

HUB / CABLES / POWER

- Central Hub connects and powers all components
- Under-table mounting adhesive included
- One cable to camera: 5 m
- One cable to speakerphone: 5 m
- Extended cables available: 10 and 15 m
- One USB cable for connection to PC/Mac: 2 m
- AC Power adapter with regional plugs
- Power cable: 3 m

MOUNT

- Dual-purpose bracket works for both wall mounting and tabletop elevation

COMPATIBILITY AND CERTIFICATIONS

- Plug-and-play USB connectivity
- Certified for Skype for Business and ready for Teams
- Fuze® Certified
- Microsoft Cortana
- Cisco Jabber®

	<ul style="list-style-type: none"> ○ Compatible with Blue Jeans, BroadSoft, GoToMeeting, Vidyo, and other video conferencing, recording, and broadcasting applications that support USB cameras ○ Compatibility: Windows® 7, 8.1 or 10 macOS 10.10 or later ○ Warranty: Brand Warranty 	
	<p>LED TV (FOR VIDEO CONFERENCING SYSTEM)</p> <ul style="list-style-type: none"> • Screen Size: 65" • Type: 4K UHD Google TV • System of Digital TV (VIDEO/AUDIO): DVB-T+C+T2 H.265+S2 • System of Analog TV (VIDEO/AUDIO): PAL/SECAM • Smart TV: Google TV • Aspect Ratio: 16:9 • Resolutions: 3840*2160 • Refresh Rate: 120Hz • Contrast: 7000:1 • Brightness(cd/m2): 400 • Response Time: 8ms • Color Depth: 1.07B • Viewable Angle(H/V): 178/178 • Dolby Vision: Yes • Resolution: 3840*2160 • Picture Modes: User, Standard, Vivid, Sport, Movie, Game, Energy Saving • Digital Noise Reduction: Yes • Dolby Atmos: Yes • Audio Mode: User, Standard, Night, Sports, Movie, Music, News, Auto • Audio Output Power:15W*2 Speaker 4 Cavity horn • Sound balance: Yes • Mute: Yes • DBX-TV: Yes • Dolby Digital Decoding: Yes • HDMI: 4 (HDMI 2.1) • USB: 2 (USB 2.0) • RF Input: Yes • Composite Input: Yes • Headphone: Yes • Wireless Wifi Access: Yes • Ethernet LAN: Yes • CPU: ARM CA73 Quad core with TEE 1.3Ghz • Graphics: G52 MC1 @550MHZ • RAM: 3GB DDR4 • ROM: 32 GB Flash • System: Google TV • Applications-Google Play: Yes • Hands Free Vice Control: Yes • HDR: YES(HDR10) • Color temperature: User/Standard/Warm/Cool 	01

	<ul style="list-style-type: none"> • Chromecast: Yes • APP Store/Browser: Yes • Auto-Timer on/off: Yes • Bluetooth Remote: Yes • Voltage Range: 100-240V 50/60Hz • Warranty: Brand Warranty 	
8	IT EQUIPMENT	
i.	Wireless Mouse	10
ii.	Mouse Pad	05
iii.	Laptop Stand	05
iv.	Table Light Lamp	05
v.	USB Drive (32 GB)	10
vi.	External HDD (Passport) 1 TB	02

The Subject items will be procured under Procurement Regulations of the World Bank.

Companies having previous experience of above work and NTN/GST/SRB Registered may quote their competitive prices on or before 11th September 2023.

Delivery time: Within 20 working days after issuance of purchase order.

Mode of payment: Through crossed cheque after delivery and verification of items.

Taxes: Taxes will be deducted according to government rules.

Validity of Quotations: The quotation validity required is Thirty (30) days.

Place of Delivery: Project Coordination Monitoring Unit (PCMU), Sindh Water & Agriculture Transformation Project (SWAT), 13, Bureau of Statistics Building, Block-08, Chaudhry Khaliq-uz-Zaman Road, Kehkashan, Clifton Karachi.

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: 11th September, 2023.

Time of deadline: 1700hrs (local time).

Project Coordinator,
Project Coordination Monitoring Unit (PCMU),
Directorate of Sindh Water Sector & Barrages Improvement,
13, Bureau of Statistics Building, Block-08, Chaudhry Khaliq-uz-Zaman Road,
Kehkashan, Clifton Karachi. Phone: 021-99205862-3 Fax: 021-99251255