

**TENDER TERM OF REFERENCE (TOR)**  
**PROCUREMENT OF AUDIO VIDEO CONFERENCE SET UP, LAPTOPS &**  
**PRINTER+SCANNER**

**SUGARCANE RESEARCH AND DEVELOPMENT BOARD (PUNJAB)**  
**Ayub Agriculture Research Institute (AARI), Jhang Road, Faisalabad**

**TENDER NOTICE NO. SRDB/04/2025**

**Overall Objective:**

The objective of this Bid is to hire a reputable enterprises / firm registered in FBR/ PRA (Active Tax payer) & E-Punjab Acquisition and Disposal System (EPADS) through e bid for procurement of audio video conference set up, laptops and printer + Scanner for smooth Functioning. Financial rate must include all taxes duties, levies, travelling, transportation fixing, etc. No claim/expense other than quoted price will be entertained during the supply and Installation at SRDB. SRDB will not be responsible for any costs or expense incurred by bidders in connection with the preparation or delivery of bid. Queries of the bidders for seeking any clarification may be sent by 21-11-2025, after that no query will be entertained. Place of supply & Installation is at SRDB office AARI, Jhang Road Faisalabad. Bidders are also required to state in their proposals, the name title, contact no (land line, Mobile), and email address of bidder authorized representative through whom all communications shall be directed until the process has been completed or terminated.

**Criteria of Evaluation:**

"Quality Cost Based Selection Method" under "Single Stage Two Envelops Method "for hiring of firm/enterprises to supply and installation of Information and Communication Technology (ICT) equipment's (mentioned in Documents) under Punjab Procurement Regulatory Authority (PPRA), will be used. Financial Proposals of only technically qualified firms will be opened. The assignment will be awarded to the firm with lowest rates which will be quoted in bid.

**Opening of Bids:**

Sealed tender documents, prepared in accordance with the instructions in the tender documents must reach at office of, Chief Executive Officer, Sugarcane Research & Development Board Punjab, AARI, Jhang Road, Faisalabad by 03-12-2025 at 11:00 am noon. Tenders will be opened on the same day on 11:30 am in the presence of representatives of the participating firms, anyhow Financial Proposals of only technically qualifying firms will be opened.

**Role and Objectives of Supplier:**

The role of Supplier is to provide quality tools & equipment's to till its smooth working with the prescribed warranty.







The bidder with lowest price will be awarded the contract, subject to provide the judicial papers in favor of Sugarcane Research & Development Board @ of 0.25% of the total tender cost.








Payment by SRDB will be made on completion of the visit of the eminent Scientist after deducting all taxes. No advance payment will be allowed.

**Specifications & warranty of Equipment's, Wires etc. / Services:**

Lot #	Name	Specification	Qty	Estimated Tender Amount Rs.	2% Bid Security Amounts Rs.
1	Audio Video Conference set up	Detail Mentioned below	1 Set	27,50,000/-	55,000/-
2	Laptops	Detail Mentioned below	6	25,00,000/-	50,000/-
3	Printer + Scanner	Detail Mentioned below	1	15,00,000/-	30,000/-

**Lot No. 1: Specifications of Audio Video Conference set up**

Sr	Items	Description	Qty
1		Digital Central Control Unit with Built-In LCD Display & conference camera auto tracking Support Upto 64 Microphones , Frequency response 100Hz—18kHz, Ports 8 Video inputs and 2 output, Consumption rating 400W, Output Voltage 24VDC, Control RS232/RS422/RS485, Power Supply AC110V/240V, 50Hz~60Hz, System Connection 8-PIN DIN×4, Dimension (mm) 483x360x88 mm, 2 U rack 19 or higher	1
2		HTDZ HT-7600BC or Equivalent Digital Goose Neck Chairman Microphone Unit with LCD Display, Built-In Speaker, Headphone and microphone Socket and Volume control, Frequency response 40Hz—16kHz, Sensitivity - 44dB +-2dB, Length of Goose Neck 420mm, Support LCD display, discuss, video, Volume Control Yes, Audio Jacks 2 ports available for head microphone, Priority Button Yes, Speakers Built-in, Net weight 0.9 kg or Higher	1
3		HTDZ HT-7600BD or Equivalent Digital Goose Neck Delegate Microphone Unit with LCD Display, Built-In Speaker, Headphone and microphone Socket and Volume control, Frequency response 40Hz—16kHz, Sensitivity - 44dB +-2dB, Length of Goose Neck 420mm, Support LCD display, discuss, video, Volume Control Yes, Audio Jacks 2 ports available for head microphone, Priority Button No, Speakers Built-in or better	14
4		FLB CLS-506 or Equivalent Audio 5~10 Watt Ceiling Mount Speaker, Speaker Driver 6.25" x 1, Nominal Impedance 100V / 70V, Rated Power 5~10 Watt, Frequency response 100-15KHz, SPL(1W/1M) 90dB ± 2dB, Maximum SPL 95dB, Finish Baffle: ABS White Grille: Steel White, Install Hole Φ163mm, Mounting Ceiling Mount steel clumps or better	6
5		FLB ISA- 150A or Equivalent Audio 120 Watt Mixer Amplifier with 3 Mic,1 Aux Input, 4 Zone with Individual Volume Control, Built-In USB & Bluetooth, Tone Control 2-Band EQ: Treble & Bass, Output Impedance 4-16 ohm / 70V / 100V, Channel 4 Zones with Individual Volume Control, Frequency response 40Hz–20kHz, T.H.D <1% at 1/3 Voltage, Protection Intelligent Temperature Protection; Short Circuit and Overload Protection or better	1
6		Minnray UV- 515 or Equivalent HD 1080p PTZ Conference Camera with 10X Zoom, <b>Image Sensor</b> 1/2.9 Inch High Quality CMOS Sensor, <b>Effective Pixels</b> 2.07MP, 16:9, <b>Low Illumination</b> 0.5Lux (F1.8, AGC ON), <b>DNR</b> 2D&3DDNR, <b>White Balance</b> Auto / Manual/ One Push/ /3000K /3500K/4000K /4500K/5000K/ 5500K/6000K /6500K/7000K, <b>Focus</b> Auto / Manual/ One Push, <b>Electronic Shutter</b> Auto / Manual, <b>BLC</b> On/Off, <b>WDR</b> OFF/ Dynamic Level Adjustment, <b>SNR</b> >50dB, <b>Video Output</b> USB2.0. Type A, <b>Video Compression</b> H.265, H.264, MJPG, <b>Control Port</b> RS232 in & out, RS485, <b>Control Protocol</b> VISCA/Pelco-D/Pelco-P, 1 year warranty	1

7		2 Audio Input & 2 Audio Output USB Interface Device Behringer UM2 or Equivalent	1
8		43 Inch Full HD Smart LED Screen TCL or Equivalent	2
9		HDMI 1 Input & 4 Output 4K Video Splitter U Green or Equivalent	1
10		10 Meter 4K HDMI Cables	4
11		D Tech 10 Meter USB Extension Cable	2
12		YB 2 Core 1.0 mm 8Ohm Copper Speaker Cable 90 Meter Coil	1
13		Wi-Fi Internet Router (Device)	
14	<b>Installation</b>	Complete Installation of Equipment, Wiring, Testing & Commissioning Charges uptill smooth running	1

## **Lot No. 2: Specifications of Laptop**

1. Intel® Core Ultra 7 255H (24M Cache, Upto 5.1GHz), Discrete TPM2.0 or Higher
2. RAM: 32GB (16GB x2) DDR5- Supported RAM upto 64GB or Higher
3. SSD: 1 TB SSD M.2 2280 up to 2TB M.2 SS PCIe or Higher
4. Integrated Intel® Iris® Xe Graphics
5. 1080P FHD with Dual Microphone with Privacy Shutter
6. Display: 14" WUXGA (1920x1200) None-Touch IPS, 300 nits Anti-glare
7. Keyboard 6-row, spill-resistant, backlight
8. Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2 or above
9. Keyboard: Backlit Keyboard 6-row, spill-resistant, multimedia Fn keys, key travel 1.5mm, Copilot key
10. Integrated 45Wh Rechargeable Li-ion Battery, supports Rapid Charge Pro, AC ADAPTER, Type-C, 65W,
11. Weight: less than 1.36kg
12. Pre-Installed Windows 11 Pro OEM License Or higher
13. MIL-STD-810H
14. Ports: 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), 1x HDMI® 2.1, 1x Headphone / microphone combo jack (3.5mm), 1x Ethernet (RJ-45), 1x SD card reader, Kensington® Nano Security Slot or Higher
15. 1 Year Local Warranty On-Site Backed by OEM
16. Wireless Mouse Same Brand
17. Carrying case and Mouse Same Brand or better and should be good quality Charger
18. Warranty of the quoted product should be backed by the OEM.
19. Note: Bidder Must have any type partner for quoted OEM Brand (Attached partner Letter)

## **Lot No. 3: Specifications of Printer + Scanner**

- **Machine Type:** A3 Monochrome Laser Multifunctional
- **Core Functions:** Print, Copy, Scan,

- **Print Speed (A4):** Up to 40 pages per minute (ppm)
- **Print Resolution:** 1200 x 1200 dpi
- **Print Technology:** Laser
- **Duplex Printing:** Automatic
- **Print Languages:** PCL 6, PCL 5
- **Scan Speed (A4): Normal** Up to 50 ppm, Duplex, Up to 19 ipm
- **Scan File format:** PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
- **Processor:** 800 MHz
- **Memory:** 1 GB
- **Internal Storage:** 500 GB
- **Control Panel:** 20.3 cm touchscreen, LCD
- **Network:** 1 Gigabit Ethernet 10/100/1000T network
- **Interface:** 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device
- **Standard Paper Input:** 100-sheet multipurpose tray, two 250-sheet input trays
- **Standard Paper Output:** 250 sheets
- **Supported Media Types:** Paper (colour, letterhead, light, plain, preprinted, prepunched, recycled, rough, tough paper), bond, cardstock, envelope, labels, transparency, vellum
- 1 Year warranty
- **Note:** Bidder Must have any type partner for quoted OEM Brand (Attached partner Letter)

### **Technical and Financial Evaluation**

#### **Initial Screening / Technical Evaluation:**

The following documents / certificates are the pre-requisite and may be used for Initial screening. The Firm will go in the next stage if it fulfills all the requirement of initial screening which are as under:

1. The firm must be registered in FBR" active tax payer & PRA.
2. Declaration on stamp paper regarding non-black listing / delisting
3. Taxpayer Registration Certificate (Income Tax / Sales Tax / PST)
4. Partnership Registration Certificate (in case of Partnership Firm).

#### **Financial Evaluation:**

Tenders will be opened on the same day on 11:30 am in the presence of representatives of the participating firms, anyhow Financial Proposals of only technically qualifying firms will be opened. The Tender will be awarded to enterprises / firms with lowest rates which will be quoted in bid.



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**Chief Executive Officer  
SRDB, Faisalabad**