



**Purchase & Store Section,
Liaquat University of Medical & Health Sciences, Jamshoro.**

Tender opened: 15-02-2023

SPPRA NIT ID# T01904-21-0017

NIT: LUMHS/PSS/-3451 Dated: 30-01-2023

Technical Comparative Statement of Procurement of IT Equipment (Cloud Interactive Board, Multimedia Projector, UPS, Computer Set & Rostrum for the new batch 2022-23 of B.S, Molecular & Genetics Department LUMHSJamshoro.

Sr. No.	Description of required Items	M/S XCL Technologies HYDERABAD	M/S Rajput Engineering Company Karachi	Remarks
01.	Interactive Board Interactive White Board Size 86" multi-touch, support finger or opaque object to write Touch Point: 10 touch minimum or equivalent Display ratio: 4:3 16:9 or equivalent. Resolution: 32768 x 32768 or equivalent Connecting Port: USB 2.0 USB 1.1 USB 3.0 Operating System support: Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8.1, Windows 10, Linux, Mac, Android, Installation: Wall mounted. Compatible with multimedia projectors. All accessories and cables to be included (One Year Warranty)	Interactive Board Interactive model # IB86 White Board Size 86" multi-touch, support finger or opaque object to write Touch Point: 10 touch minimum or equivalent Display ratio: 4:3 16:9 or equivalent. Resolution: 32768 x 32768 or equivalent Connecting Port: USB 2.0 USB 1.1 USB 3.0 Operating System support: Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8.1, Windows 10, Linux, Mac, Android, Installation: Wall mounted. Compatible with multimedia projectors. All accessories and cables to be included (One Year Warranty)	Interactive Board Interactive Model IB 86 White Board Size 86" multi-touch, support finger or opaque object to write Touch Point: 10 touch minimum or equivalent Display ratio: 4:3 16:9 Resolution: 32768 x 32768 or equivalent Connecting Port: USB 2.0 USB 1.1 USB 3.0 Operating System support: Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8.1, Windows 10, Linux, Mac, Android, Installation: Wall mounted. Compatible with multimedia projectors. All accessories and cables to be included (One Year Warranty)	M/s XCL Technologies & M/s Rajput Engineering Company Karachi are Quoted & Accepted.
02	Multimedia Projector Brightness 4,000 ANSI Lumens / 3,200-3600 Lumens (Eco) Resolution 1024x768 Aspect Ratio 4:3 (XGA) Contrast 28,500:1 (full on/off) Display Type DLP Color Wheel 6 segments Color Processing 10-bit Data Modes MAX 1920x1200 3D Modes PC 3D Ready Lamp Type 245W Metal Halide bulb Lamp Life 5,000 hours / 15,000 hours (Eco) or equivalent (One Year Warranty)	Acer X1326awh Multimedia projector Native resolution 1280x800 Maximum Resolution 1920x1200 Mode brightness 4000lm Aspect Ratio 16:10 Computable ratio 4:3 Contrast ratio 20,000:1 Throw ratio 1.54 to 1.72 (1524mm @2000mm) Digital zoom 2x Color support 1.07 billion colors 30-bit Lamp power 220, W Lamp Life 6000 Hours Lamp life 7000 hours (One Year Warranty) with Installation Accessories <ol style="list-style-type: none"> 1. Projector Stand (iron base) 2. HDMI cable good quality 3. VGA Cable good quality 4. Power cable (20 meter) 5. Power Board Extension good Quality 6. Channel duct 7. Installation 	Infocus (USA projector) Model # In134ST Multimedia Projector Brightness 4,000 ANSI Lumens / 3,200-3600 Lumens (Eco) Resolution 1024x768 Aspect Ratio 4:3 (XGA) Contrast 28,500:1 (full on/off) Display Type DLP Color Wheel 6 segments Color processing 10-bit Data Modes MAX 1920x1200 3D Modes PC 3D Ready Lamp Type 245W Metal Halide bulb Lamp Life 5,000 hours / 15,000 hours (Eco) or equivalent (One Year Warranty) with Installation Accessories <ol style="list-style-type: none"> 1. Projector Stand (iron base) 2. HDMI cable good quality 3. VGA Cable good quality 4. Power cable (20 meter) 5. Power Board Extension good Quality 6. Channel duct 7. Installation 	M/s XCL Technologies & M/s Rajput Engineering Company Karachi are Quoted & Accepted.

Central Purchase Committee

Dur Muhammad Mirjat

Incharge, Purchase & Store Section,
LUMHS, Jamshoro (secretary)

Abdul Raheem Shaikh

Director, IT (Services),
LUMHS, Jamshoro (Member)

Tariq Ahmed Shaikh

Deputy Director, Biomedical Engineering,
Department, DUHS Karachi (Ext. Member)

Director Finance/Nominee

LUMHS, Jamshoro (Member)

Prof. Dr. Ali Muhammad Waryah


Incharge, Molecular Biology &
Genetics, Department
LUMHS, Jamshoro (Co. Opt. Member)

Haroon Ahmed Kalhoro

Bursar,
LUMHS, Jamshoro (Chairman)

S. NO.	Description of required Items	M/S XCL Technologies	M/S Rajput Engineering Company Karachi	REMARKS
03	UPS 3KVA UPS 3KVA True On-Line UPS 3000 VA (2400 Watts) Pure Sine wave or equivalent (One Year Warranty)	APC Easy UPS on-line SRV RM 3000VA 230V SRV3KRI Color Black might vary depending availability of model (One Year Warranty)	UPS 3KVA UPS 3KVA True On-Line UPS 3000 VA (2400 Watts) Stabimatic Pure Sine wave (One Year Warranty)	M/s XCL Technologies & M/s Rajput Engineering Company Karachi are Quoted & Accepted.
04	Desktop Computer HP/DELL or equivalent HP/Dell Desktop Computer Core i5 (10TH Generation) 4 GB Ram 1TB Hard Drive DVD ,LAN, VGA, HDMI ,Port One Year Warranty	Desktop Computer HP Slim line -290-p0106hk, 6DW06AA, Menlo board, 4GB memory, 1TB HDD storage, 1TB SATA, intel corei5 10 th Generation speed 2.9 GHz, DVD Writer, (One year warranty)	Desktop Computer HP Desktop Model HP-290G4 Computer Core i5 (10TH Generation) 4 GB Ram 1TB Hard Drive DVD ,LAN, VGA, HDMI ,Port (One Year Warranty)	M/s XCL Technologies & M/s Rajput Engineering Company Karachi are Quoted & Accepted.
05	Rostrum/Podium, Rostrum/Podium, Heavy duty MD Steel body having Electro static powder coated Built in dual Amplifier system with Multi input Pre-Amplifier. Built in two professional speaker systems on front side. External speaker output with independent level control at 100V line to operate as many as 04 wall mount speakers. One Cordless hand held dynamic Microphone with built in RF Receiver and Antenna. One Goose Microphones on dice of the Rostrum with XLR connectors. Complete system designed to operate at 12 V DC Rostrum Doors With Lock System Three Month Warranty	Not Quoted	Rostrum/Podium, Heavy Duty MD steel body having electro static powder coated (Rostrum Body) Separate Amplifier System with Multi input pre- amplifier. (Not Built-in) Separate two Professional wall Mount Speaker Systems (Not Built-in) One Cordless hand held dynamic Microphone with built-in Rf Receiver and antenna One goose Microphones on dice of the rostrum with XLR connectors With Complete Installation Three Month Warranty	M/s Rajput Engineering Company Karachi has single firm Quoted & Accepted.

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