Specifications: -

Category A. Walk Through Metal Detector Gate, Hand Held Metal Detector, Biometric Face Finger Print Devices, Closed Circuit Television (CCTV) with cameras for various Departments at LUMHS, Jamshoro.

S.No.	Name Of Item	Quantity	@ Rate	Amount
01.	**Hand Held Metal Detector,** • Compact, Elegant, Robust and Ergonomic • Uniform Detection of Magnetic and Non-Magnetic Targets • Full Digital Design: Consistent Performance and Calibration-Free Operations • Extended Continuous Operation Time • Advanced Configuration Capability • Indoor and Outdoor Operations **Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe)**	**22 Nos.**		
02.	**Walk Through Metal Detector Gate** • Quick, accurate analysis of all parts of the body People in transit, from the shoe level to the crossbar • Very accurate pinpointing of individual and multiple metal targets • All full-height light bar displays the locations of the detected metal masses in transit. This results in in rapid identifications of threats a reduction or elimination of the need for manual searches • Built in programs to screen visitors and staff for Weapons and contraband. **High Discrimination** • Compliant with and Certified to the • Strictest Standards for Airport Security screening **Features:** • Accurate pinpointing of individual and • multiple metal targets • Exceptional immunity to external interferences • Unmatched Reliability **Unique Alram Singnaling** • Multi-Zone display Bars, each programmable • as entry Stop/Go and / or local alarm indication **Flexible Acoustic Alarm Signaling System** • 10 Continues and Pulsed Tones • 34 special sounds **10 Acoustic Intensity Levels** A complete acoustic alarm systems allows personalization Of the alarm tones and intensities, with a wide choices of Continues, pulsed and special tones at different levels of Intensity. The Wide volume control dynamic allows Operation even in very noisy environments. **Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe)**	**22 Nos.**		

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03. a)	**Face Recognition& Fingerprint** **Biometric Face Finger Print Devices** <u>**Identification Standalone Controller Device with one year parts& maintenance warranty.**</u> Face Detection and Identification. Live Finger Detection (LFD) based with advance Techniques High-precision optical sensor.Fingerprint Scanning Technology to read Wet & Dry fingers Built-in TCP/IP, {WiFi (Optional)} 5000 Face Registration Capacity or Higher 20,000 Fingerprint Registration Capacity or Higher Must have high speed 1.0 GHz Quad Core CPU or Higher Memory at least 1GB Flash or Higher + 256/512 MB RAM or Higher 4.3 inch/Higher High Resolution Touch Screen Color LCD USB Memory slot easy data transfer to PC Battery based Power Back if available Built-in Software for Reporting Advanced Security Time Schedule Configuration	**40 Nos.**		
b)	**Protection Box** Machine Protection Box in Acrylic Aesthetic Design/ better to protect machine from tempering	**40 Nos.**		
c)	**Supply & Installation with all respect** i-e UTP, Power Cable(laying), Channeling, drilling etc. with integration, Interfacing, Commissioning, put into operation & Training at Jamshoro **Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe)**	**Job**		
Optional				
a)	**Power Backup Module:** Heavy Duty Dry Battery based Power Back up module that must give minimum 8 hours backup	**40 Nos.**		
b)	Customize Software for comprehensive Reporting with SMS Alert	**01**		
c)	**Extra Two year maintenance and warranty with faulty parts replacement** **Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe)**	**Job**		

| 04. | **Closed Circuit Television (CCTV) with Cameras,**
Fix Camera 4MP/4K
Full HD network HIK
Network Video Recorder 32 CH
HDD 4TB
40" LED Full HD
HDMI
Supply & Installation of UTP with
Related accessories (RFT)
UPS Stabimatic
Commissioning & Installation of IP cameras & NVR
With receiving Unit@ Control Room
Pole for CCTV & LED light, with
system
50 watt Solar Unit with AH battery+ Inverter
Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe) | **20 Nos.** | | |

Time Attendance System (USA, Korea, Hong Kong, UK, Japan, Europe)