

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

. No	Mandatory Provision / Eligibility	Total Marks	Date of Technical Proposal Ope		
1	2		M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering
_	NTN Certificate	3	4	5	
		Mandatory	1	1	6
2.0	Registration with Sindh Revenue Board (Wherever applicable)	If Applicable	1	N/A	
3.0	General Sales Tax Registration Certificate (GST)	Mandatory	1	1	N/A
4.0	Valid Professional Tax Certificate	If Applicable	N/A		1
5.0	Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any procurement in the Department	Mandatory	1	N/A √	N/A
6.0	Affidavit to the effect that the firm / supplier have not been blacklisted previously by any executing agency.	Mandatory	٨	4	1
7.0	Certificate of Authorized Manufacturer is mandetory (MAL) Manufacturer Authorization Letter	Mandatory	٧	٨	Not Attached
8.0	Bid Security 2% of Bid Cost	Mandatory	1		Not Attached
9.0	Bid Signed & Stamped	Mandatory	J	1	1
10.0	Detail portfolio of Company Profile containing Introduction date of establishment, Company Profile containing Introduction date of establishment, experience (National / International Level) details of supplies to vanous Institutions / International Level including of supplied Equipments Year of Establishment of firm 1. Up to 03 years 2 Marks 2. Up to 05 years 5 Marks 3. Up to 10 years 10 Marks		10	10	5
11.0	Current Financial Position (Bank statements & Audit Report of last three years) Details of turnover (including interms or rupee) at least last three years that average turnover should not be less than 20 million per year as per annual returns 1. Bank Statement 05 Marks 2. Audit Reports 05 Marks	h	10	10	9





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Date of Technical Proposal Opening: 25-09-2023

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S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering				
1	2	3		5	6				
12.0	Availability of Services Center / (s) Provincial / relevant education regarding installation / repairing / service of equipment	10	5	0	5				
13.0	Personal Experience of Technical Staff as per required / relevant education regarding installation / repairing / service of equipment	5	5	5	5				
	Sub Total Marks	35	30	25	24				
	Equipment Technical Evaluation Criteria (Item wise)								
	Quoted Items		Lot # 3 Item # 1 (1.1 to 1.9) Item # 2 (2.1 to 2.6) Item # 3 (3.1 to 3.9) Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12) Item # 7 (7.1 to 7.15) Item # 8 (8.1 to 8.3)	Lot # 2 tem # 1 (1-1)	Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 6				
	LOT NO.1		LOT NO.1	LOT NO.1	LOT NO.1				
	Mini PC		Mini PC	Mini PC	Mini PC				
	HIP/Dell or Equivalent Branded Mini PC -Core 15, Latest Generation CPU (At least 4Core, 8 Threads, Maximum Turbo Frequency 4 20Ghz & 8MB , M 2SSD 25GB, 24 Inch IPS Frameless FHD LED Monitor with Keyboard and mouse		Not Quoted	Not Quoted	Dell OptiPlex Micro 7010PC Processor : 13th Gen i5-13500T (6+8Cores/24MB/20T/1.6GHz to 4.6GHz/35W) Memory: 8GB (1x8GB) DDR4 Non-ECC Chassis: OptiPlex Micro with 35W CPU Hard Drive: 256GB PCle NVMe Class 35 Solid State Drive Dell Wired Keyboard KB216 Black (English) Dell USB Optical Mouse-MS116 (EPEAT) - Black UK Power Cord Client Dual VESA Mount Power Supply: 90 Watt A/C Adapter FREE DOS Dell 24 Monitor - E2424HS 3 Year Basic Onsite Service				

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STRENTHENING & UP CRADATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIS, JAMSHORO"

_		and the second of			
S. N	Mandatory Provision / Eligibility	Total Mark	M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering
	Langious, Company	Total Mark	M/s. MS Technologies		6
1	2	3	1	5	Laptop
2.0	Laptop		Laptop	Laptop	
21	HP/Dell or Equivalent Branded Laptop Core 17, Latest generation, 16GB RAM, \$12GB SSD		Not Quoted		Dell Latitude 3540 13th Gen Intel Core i7-1355U (12 MB cache, 10 cores, up to 5,00 GHz Turbo) Integrated Intel(R) Iris(R) Xe or UHD Graphics for i7-1355U Processor 15.6", HD 1366x768, 60Hz, TN, Non-Touch, Anti-Glare, 220 nit, NTSC 45%, HD Camera, WLAN Palmrest, No Fingerprint Reader, No SIM slot RAM 16 GB, 2 x 8 GB, DDR4, 3200 MT/s 512 GB, M.2 PCIe NVMe, SSD, Class 35 3-cell, 42 Wh, ExpressCharge TM Capable, Intel(R) Wi-Fi 6E (6 if 6E unavailable) AX211, 2x2, 802.11ax, Bluctooth Wireless Card ENERGY STAR Qualified 65W AC rugged adapter, 4-5mm barrel, E4 HD Camera, Temporal Noise Reduction, N FREE DOS Dell Essential Briefcase 15-ES1520C
3.0	Printer - HP/ Equivalent		Printer – HP/ Equivalent	Printer – HP/ Equivalent	Printer – HP/ Equivalent
3.1	Printer speed 40PPM Processor 800MHZ, Memory 1GB, Resolution (print up to 1200 x1200 dpi Interface (Hi-speed USB 2 0 PORT, Ethernet100/1000Mbps)		Not Quoted	Not Quoted	Not Quoted
4.0	Multimedia Projector - Maxel HP/Dell/Sony or Equivalent	N	Aultimedia Projector – Maxel HP/Dell/Sony or Equivalent	Multimedia Projector – Maxel HP/Dell/Sony or Equivalent	Multimedia Projector – Maxel HP/Dell/Sony or Equivalent
41	short-Throw Multimedia Projector 3000ANSI Lumens with WXGA Resolution,3rd generation LED Technology ught source life (hours) with normal mode upto 30,000 hrow Ratio 49, Throw Dis 0 63M-1 58 Meter.		Not Quoted	Not Quoted	Not Quoted



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Date of Technical Proposal Opening: 25-09-2023

			Date of Technical Proposal	Opening: 25-09-2023	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering
1	2	3		5	6
5	Photocopiers		4	3	
5.1	Speed: 55 PPM Max monthly duty cycle: 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply: 1500 x2 550 x2 100 sheet MPT Max paper size II is 17" Max paper weight 110 lb. Index Original size: 11 x17" Duplexing: Standards Network connectivity: Opt Print10/100Base Tx, Opt san10/100Base TX		Not Quoted	Not Quoted	Not Quoted
	0		Scanner	Scanner	Scanner
6.1	Scanner Universal Flatbed scanner scans up to 40 ppm/80 IPM Optical resolution 600dpi scan to text ,PDF Including 50 pages ADF and one-touch scanning custom setting small and slim desktop design		Not Quoted	Not Quoted	Not Quoted
				Interactive Screens 65"	Interactive Screens 65"
	interactive Screens 65"		nteractive Screens 65"	interactive octoors 00	
7 1	Display Size 65" or higher D-LED Backlight Screen resolution 8K Ultra-HD or higher Resolution 7680 × 4320 Operation System X86 Android 11 and Windows 11 dual stem architecture. Fitting technology. Full Fit CPU. 11th Gen Intel Core i5 Memory. 16GB Built-in Storage/ROM 256 GB Touch Type. Touch screen Glass. Zmm thick Touch Pomt. 20-point Pixel. 33 million. 4x digital zoom Response Time. < 12 ms Touch Height. 2 mm Interfaces. HDMI IN × 1 (MAX.4K.@60 Hz), Audio LINE 1, HDMI OUT. × 1, Audio LINE OUT. × 1, RJ45 Ethemet. 1, HDMI OUT. × 1, Audio LINE OUT. × 1, RJ45 Ethemet. 2, USB 3 on on front panel. × 1, USB 3 0 on rear panel. × Interfaces. HDMI IN × 1 (MAX.4K.@60 Hz), Audio LINE LIFE Standard IEEE NO. 2 LIA/big/n/ac/ax ust include Bluetooth 5.0 Camera with auto exposure feature must be included. Ira mounting method must be pluggable.		Not Quoted	Not Quoted	Not Quoted

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Date of Technical Proposal Opening: 25-09-2023

		Date of Technical Proposer of			M/s. Multilink Engineering
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	6
				5	6
1	2	3	4	· · ·	LOT NO.2
	LOT NO.2		LOT NO.2	LOT NO.2	OMR Scanner
1.0	OMR Scanner		OMR Scanner	OMR Scanner	
1.1				SEKONIC SR-3500 OMR Reader Throughput speeds: OMR: 3500 Sheets/h Read-head Sensors: OMR (Pen & Pencil) Read Head: Photo Reflector Reading Side: Single Side (Standard) Read Head Channel: 1/6" (48 Columns) Light Color: Red, Green, Blue (620, 530, 467 nm) Support Accuracy Rate 99.99% Friendly Connect with computers via USB or RS-232C ADF upto: 500 Sheets Mark Position: Upto 5,136 Mark Positions (48 Columns) With Remark Classic result generation software without optional accessories	Not Quoted
_			LOT No. 3	LOT No. 3	LOT No. 3
1.0	LOT No. 3 Uninterruptible Power Supply (UPS) & Electric DB.		Uninterruptible Power Supply (UPS) & Electric DB.		
1.1	UPS True On-Line, 3kVA, Lithium-ion, Rack mount 4U, 230V, 6 IEC C13 + 1 IEC C19 outlets, Intelligent Card Slot, Extended runtime, W/ rail kit complete.		APC SRVL3KRILRK UPS On-Line, 3kVA, Lithium-ion, Rack mount 4U, 230V, 6 IEC C13 + 1 IEC C19 outlets, intelligent Card Slot, Extended runtime, W/ rail kit complete.	Not Quoted	Not Quoted
1.2	UPS True On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit Complete		APC SRVL10KRIL31RK JPS On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit Complete.	Not Quoted	Not Quoted
1.3	UPS True On-Line, 20kVA/20kW, Rackmount 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit Complete	U 3. In	IPC SRVL20KRILRK IPS On-Line, 20kVA/20kW, Rackmount 230V, Hard wire -wire(1P+N+E) outlet, stelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit omplete.	Not Quoted	Not Quoted

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Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP CRAPATION OF ICATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO"

		1	Date of Technical Proposition		M/s. Multilink Engineering
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	6
				5	
1	2	3	4		Not Quoted
1.4	32 Amps Industrial socket 3 pins (Pair) for Racks		SCHNEIDER 32 Amps Industrial socket 3 pins (Pair) for Racks	Not Quoted	Not Quoted
			Fast Cables	Not Quoted	140t Quoted
1.5	6 Sqmm x 3C electric cable (RM) Rack		6 Sqmm x 3C electric cable (RM) Rack	Not Quoted	Not Quoted
1.6	60 Amps Industrial socket 5 pins (Pair) for UPS		SCHNEIDER	Not Quoted	
1.0	(SCHNEIDER or equivalent)		60 Amps Industrial socket 5 pins (Pair) for UPS		Not Quoted
1.7	16Sgmm x 4C electric cable (RM) UPS		Fast Cable 16Sqmm x 4C electric cable (RM) UPS	Not Quoted	
•	rooquium v. ve etterre etter v.		ToSquiii x 40 electro casto (1217)		Not Quoted
			UPS Distribution box	Not Quoted	
1.8	UPS Distribution box		UPS Distribution 502		•
	UPS Distribution Box (Output) DB DB Box size 24x45x8** Phase LED 3 Voltage meter 3 Voltage meter 3 450 Amps triple pole breaker (TP) -1 60 Amps triple pole TP UPS Input)-6 (SCHNEIDER / TERASAKI/ ABB or equivalent)		SCHNEIDER UPS Distribution Box (Output) DB DB Box size 24x45x8" Phase LED-3 Voltage meter — 3 450 Amps triple pole breaker (TP) -1 60 Amps triple pole TP UPS Input)-6	Not Quoted	Not Quoted
1.9	UPS Distribution Box (Input) DB DB Box size 24x45x8** Phase LED 3 Voltage meter 3 700 Amps triple pole breaker (TP)-1 60 Amps triple pole TP UPS Input)-10 (SCHNEIDER / TERASAKI/ABB or equivalent)	776	SCHNEIDER UPS Distribution Box (Input) DB DB Dox size 24x45x8" Phase LED —— 3 Voltage meter 3 00 Amps triple pole breaker (TP) -1 0 Amps triple pole TP UPS Input)- 10	Not Quoted	Not Quoted
- 1	Testing and commissioning of all above items termination and connectivity at both ends including submission of detailed test report from the Principals (Services)	l co	esting and commissioning of all above items termination and onnectivity at both ends, including submission of detailed test report om the Principals (Services)	Not Quoted	Not Quoted
2.0 P	Passive Network	Pa	issive Network	Barrier desired	



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NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF A CADENIC BEST FOR THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

		M/s. Multilink Engineering			
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	6
3.110				5	
_	2	3	4		
2.1	CAT-6, UTP, 23AWG, LSOH, Delta- EC certified, cables, for data from Com Rack to each workstatuon in already laid 25 mm dia PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coil.) (3M/SCHNEIDER/LEVINTON or equivalent)		CONTECH CAT-6, UTP, 23AWG, LSOH, Delta-EC certified, cables, for data from Com Rack to each workstation in already laid 25 mm dia PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coll)	Not Quoted	Not Quoted
2.2	Simplex UK style angled Face plate with 1 No. CAT-6 UTP RJ- 45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.		CONTECH Simplex UK style angled Face plate with 1 No. CAT-6 UTP RJ-45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.	Not Quoted	Not Quoted
2 3	CAT-6. Patch Panels 24 port equipped with RJ-45 U03durability 30 termination cycles: Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.		CONTECH Supply of CAT-6, Patch Panels 24 port equipped with RJ-45 1/Os for Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.	Not Quoted	Not Quoted
	mountaing accessors				Not Quoted
			CONTECH	Not Quoted	
2.4	Supply of RM 19' Cable Manger CAT-6.UTP PVC factory certified patch cords 1 meter long		Supply of RM 19' Cable Manger CONTECH Supply of CAT-6, UTP factory certified patch cords 1 meter long having RJ-45 connectors at both ends for data	Not Quoted	Not Quoted
2.5	CAT-6.UTP PVC Tactory certains path of the communication. (3M/Equ)		communication.	N. O. and	Not Quoted
2.6	CAT-6,UTP PVC factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication. (3M/equ)	1	Supply of CAT-6, UTP factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication.	Not Quoted	*
27	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test separat from the Principals (Services)	10	Festing and commissioning of all above items termination and onnectivity at both ends,including submission of detailed test report from the Principals (Services)	Not Quoted	Not Quoted





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-	S. No	Mandatory Provision / Eligibility	Total M	arks M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering		
-	_	2	3	4	5	6		
\vdash	3.0	Optical Fiber Passive Network		Optical Fiber Passive Network	Ontical Fiber Passive Network	Optical Fiber Passive Network		
	3.1	Fiber Patch Cord Duplex LC/PC. LC/PC Patch Cord OM3Core 10 meters.		CONTECH Fiber Patch Cord Duplex LC/PC. LC/PC Patch Cord OM3 Cord 10 meters.	Not Quoted	Not Quoted		
L	3.2	Fiber Patch Card Duplex LC/PC- LC/PC Patch Cord 052LSZH, 3 Meters		CONTECH Fiber Patch Card Duplex LC/PC- LC/PC Patch Cord 052LSZH, 3 Meters	Not Quoted	Not Quoted		
		Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape.		CONTECH Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape	Not Quoted	Not Quoted		
3	.4 Fi	iber optic 6 Core Multimode OM3 indoor cables. (RM)		CONTECII Fiber optic 6 Core Multimode OM3 indoor cables. (RM)	Not Quoted	Not Quoted		
3.	5 10	Forts Rack Mountable Fiber Optic Patch Panel OFDF saded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC gtails		CONTECH 48 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC Pigtails.	Not Quoted	Not Quoted		
3.6	24 I Loa Pigta	Ports Rack Mountable Fiber Optic Patch Panel OFDF ided with 24 Nos of LC Duplex Adaptor and 24 Nos of LC alls		CONTECII 24 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Pigtails.	Not Quoted	Not Quoted		
3.7	12 Po Load Pigtai	orts Rack Mountable Fiber Optic Patch Panel OFDF led with 12 Nos of LC Duplex Adaptor and 12 Nos of LC ils		CONTECH 12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Pigtails.	Not Quoted	Not Quoted		
3.8	ISUN	Vall Mountable Rack, 540mmx500mm (Double Section) DUs (12 port flat pin UK Type 13AMP)	- 1	CONTECH 5U Wall Mountable Rack, 540mmx500mm (Double Section) with DUs (12 port flat pin UK Type 13AMP)	Not Quoted	Not Quoted		
3.9	12U Da	nta Rack 800mmx1000mm (Double Section) with PDUs if flat pin UK Type 13AMP)	4	ONTECH U Data Rack 800mmx1000mm (Double Section) with PDUs (24 rd flat pin UK Type 13AMP)	Not Quoted	Not Quoted		
. 100	nnectiv	and commissioning of all above items termination and ity at both ends, including submission of detailed test in the Principals (Services)	col	iting and commissioning of all above items termination and nectivity at both ends, including submission of detailed test report in the Principals (Services)	Not Quoted	Not Quoted		

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				To algering				
								M/s. Multilink Engineering
s	. No	Mandatory Provision / Eligibility	Total	al Marks M/s, MS Technologies		M/s. Digital Machine Wold		6
			1			5	1	
	1	2		3 4				Active Network Huawei
11	4.0	Active Network Cisco/Huawei or Equivalent		Active Network Huawei	- 1	Active Network Huawei	-	
	4.1	24 Port Distribution Switch 24 Port SFP+ Supported Redundant Power Supply amust du core, RAM 1 GB or higher Flash 512MB orhigher, Qos Supp embedded free NMS, At least 03Years equipment replacem Warranty	port	HUAWEI S6730-H124X6CV2 24 Port Distribution Switch 24 Port SFP+ Supported Redundant Power Supply amust dua RAM LGB or higher Flash 512MB orhigher, Qos Support embedded free NMS, At least 03Years equipment replaceme Warranty	- 1	Not Quoted		Not Quoted
4		48 Port Switch 48 Port with 4 SFP+ Supported (Non-POE) NMS supported, At least 03Years equipment replacement warranty.		SS73S-LABT4XE-V2 48 Port Switch 48 Port with 4 SFP+ Supported (Non-POE) NMS supported, A least 03 Years equipment replacement warranty.	AI	Not Quoted		Not Quoted
4	12	4 Port Switch 4GE Port with 4 SEP+ Supported (Non-POE) NMS upported, At least 03 Years equipment replacement warranty.		HUAWEI \$573\$-L24T4XE-V2 24 Port Switch 24GE Port with 4 SFP+ Supported (Non-POE) NMS supported, least 01Years equipment replacement warranty.	AI	Not Quoted		Not Quoted
44	24	Port Switch GE Port with 4 SEP+ Supported POE ,NMS supported, AI		HUAWEI \$5735-L4T4XE-V2 24 Port Switch 2-CE Born with 4 SFP+ Supported POE_NMS supported, At least	T	Not Quoted		Not Quoted
,,,	lea	st 03Years equipment replacement warranty.		03Years equipment replacement warranty	+-	Not Quoted		Not Quoted
4.5	SFP	2-10G- LR Single mode		SFP+10G, Single Mode Module SFP-10G- LR Single mode HUAWEI		Not Quoted		Not Quoted
4.6	SFP-	10G-SR Multimode		SFP+10G, Multi Mode Module SFP-10G-SR Multimode Wireless (Access Point)		Not Quoted		Not Quoted
5.0	Wirel	less (Access Point) Cisco/Huawei or Equivalent		Huswei		Not Quoted		Not Quoted
- 1		AC Enterprise WiFi Access Points POE Based		Rack Server - Huswei X Fusion R	Rack Serve	er – HP/Dell or Equivalent 2U 2 Socket	Rack Sec	rver – HP/Dell or Equivalent 2U 2 Socket
. 1	lack S	erver - HP / Dell or Equivalent]2	288HV6-16DIMM				





BIDDER QUALIFICATION / TECHNICAL EVALUATION REPORT

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER. UNDER THE PROJECT TITLE

STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH, AND ACADEMIC RESEARCH AND ACADEMIC R STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMHS, JAMSHORO"

S. N	o Manda	_	Date of Technical Propos	sal Opening: 25-09-2023	M/s. Multilink Engineering
Ļ	o Mandatory Provision / Eligibility	Total Mark	M/s. MS Technologies	M/s. Digital Machine Wold	6
-	1		M/s. MS Technologies		Dell PowerEdge R750xs Server
6.1	Device : 2 Socket Rack Mounted Server	3	4	5	a 6" Chassis with up to
6.2	Processor 2x Intel Very 61		Device : 2 Socket Rack Mounted Server Hunwei X Fusion	Not Quoted	(SAS/SATA), V3
	10 4GT/s, 15M Cache Equivalent or Higher		Hunwel X Fusion Processor 2x Intel - Xeon Silver 43101 2 3G, 10C/20T, 10 4GT/s, 15M Cache Equivalent or Higher	Not Quoted	10 4GT/s, 15M Cache, 1000 100 100 100 100 100 100 100 100 1
6.3	Memory: 8 x 16GB RDIMM, 3200MT/s, Dual Rank, ECC Registered Memory - Equivalent or Higher.	IM	uawei X Fusion emory: 8 x 16GB RDIMM, 3200MT/s, Dual Rank, ECC gistered Memory - Equivalent or Higher.	Not Quoted	PCIe Low Profile, V2 PowerEdge 2U Standard Bezel Cable Management Arm, 2U
6.4	M 2 Card 1 x BOSS Card/ 2x240GB SSD M 2 SATA	1	namei X Fusion 2 Card : I x BOSS Card/ 2x240GB SSD M 2 SATA	Not Quoted	No Operating System 3 Year ProSupport and Next Business Day Onsite Service
6.5	Disk. 6x 1 º2TB SSD SAS 2 5" 12Gbps ReadIntensive-PMG in 3 5" Adapter 2 5" Equivalent or Higher MAX support 25 Disk Bays, Minimum 8: SAS 10K, 15K RPM, 12Gbps, equivalentor higher, Also should support M 2 with separate RAID card for OS Boot and Various other Disk Such as, NL-SAS, SSD SAS/SATA PCI NVME	Dis Ada Min	awei X Fusion " & X 1 92TB SSD SAS 2.5" 12Gbps ReadIntensive-PM6 in 3.5" piter 2.5" Equivalent or Higher MAX support 25 Disk Bays, mum 8, SAS 10K, 15K, RPM, 12Gbps, equivalentor higher, Also lid support M 2 with separate RAID eard for OS Boot and ous other Disk Such as, NL-SAS, SSD SAS/SATA, PCI NVME.	Not Quoted	

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CS CamScanner



SSPRA ID # T01773-23-0001 Dated: 07-09-2023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TIPLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

0	Mandatory Provision / Eligibility		Date of Technical Proposal O	pening: 25-09-2023	M/s. Multilink Engineering
4	·	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	6
١	RAID Controller : Storage Controller Day	3		5	
6.6	RAID Controller Storage Controller RAID Controller 9460-8; PCI RAID. 4GB Cache Supports RAID 0, 1, 10, 5, 50, 6, or 60, optional supercapacitor for cache datapower failure protection, RAID level migration, drive roaming, self-diagnosis, and remote webbased configuration.		Huawel X Fusion RAID Controller - Storage Controller RAID Controller 9460-8i PCI RAID, 4GB Cache Supports RAID 0, 1, 10, 5, 50, 6, or 60, optional supercapacitor for cache datapower failure protection, RAID level migration, drive roaming, self-diagnosis, and remote web-based configuration	Not Quoted	
6.7	Network Adapter 4x GE port AVAGO and XP332 INTEL 4*10GE Optical Interface NIC(Intel XL710 Chipset)(With 4pcs Mullu-mode Optical Transceiver) or Higher Provides expansion capability of multiple types of networks. Provides the OCP3 0 network adapter. The two FlexIO card slots support two OCP 3 0 network adapters respectively, which can be configured as required. Hots swappable function supported.		Huawel X Fusion Network Adapter 4x GE port AVAGO and XP332 INTEL 4*10GE Optical Interface NIC(Intel XL710 Clupset)(With 4pcs Multi-mode Optical Transceiver) or Higher Provides expansion capability of multiple types of networks Provides the OCP3 on network adapter. The two FlexIO card slots support two OCP3 on twork adapters respectively, which can be configured as required. Hots swappable function supported.	Not Quoted	
6.8	Power Supply: Redundant hot-swappable high efficiency ACpower supply or higher in full configuration.		Huawel X Fusion Power Supply: Redundant hot-swappable high efficiency ACpower supply or higher in full configuration.	Not Quoted	
6.9	Stability Support long-term operating temperature under specific conditions.		Huawei X Fusion Stability: Support long-term operating temperature under specific conditions.	Not Quoted	
6.1	Manageability and maintainability: * Supports integrated system management: * Automatically restarts servers: * Monitors and controls fan modules, power supplies, and temperature: * Starts and shust down servers: * Restarts servers in sequence: * Updates local firmware: * Records error logs: * Provides of Colls for management and other advanced management functions: * Provides independent remote management and control ports and GUIs for remote monitoring to implement remote full control includes remote startup, shutdown, and reset, and virtual floppy and DVD-ROM drives: * Support the function for logging in to the board management system through certification based on both client certificates and certificate passwords. A white paper and official website proof materials are required: * The bidding product supports out-of-band fault detection, does not rely on the OS, and can analyze and locate faults such as CPU. 12C and IPMB bus, memory, PCIe device, and hard drive faults, system crash, black screen, blue screen, and abanomal stebous A subte paper and official website proof		Huawei X Fusion Manageability and maintainability. Supports integrated system management: - Automatically restarts servers - Monitors and controls fan modules, power supplies, and temperature - Starts and shuts down servers - Restarts servers in sequence - Updates local firmware - Records error logs - Provides a visualization tool - Provides GUIs for management and other advanced management functions. - Provides independent remote management and control ports and GUIs for remote monitoring to implement remote full control over servers, independently of OSs. Remote full control includes remote startup, shutdown, and reset, and virtual floppy and DVD-ROM drives. - Support the function for logging in to the board management system through certification based on both client certificates and errificate passwords. A white paper and official website proof materials are required - The bidding product supports out-of-band fault detection, does not rely on the OS, and can analyze and locate faults such as CPU, 12C and IPMB bus, memory, PCIe device, and hard drive faults, system	Not Quoted	

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

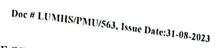
Method & Procedure of Procurement: Single Stage - Two Envelope

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

	Date of Technical Proposal Opening: 25-09-2023								
S. No	Tovision / Englomey	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering				
	2	3	4	5	6				
6.11	Compatibility: Supports mainstream operating systems, such as Microsoft Windows Server, SUSE Linux Enterprise Server, VMware ESXI, Red Hat Enterprise Linux, CentOS, Oracle Linux, Ubuntu, Debian, openEuler, etc.		Huawei X Fusion Compatibility: Supports mainstream operating systems, such as Microsoft Win Server, SUSE Linux Enterprise Server, VMware ESXi, Red Hat Enterprise Linux, CentOS, Oracle Linux, Ubuntu, Debian, openEuler, etc.						
6.12	Reliability: Long-term operating temperature: 5°C to 45°C (41°F to 113°F (ASHRAE Classes AI to A4 compliant)	5) F	Huawei X Fusion Reliability: ong-term operating temperature: 5°C to 45°C (41°F to 113°F) ASHRAE Classes A1 to A4 compliant)	Not Quoted					
7.0	FM 200 fire suppression system for Data Center	FN	N 200 fire suppression system for Data Center	FM 200 fire suppression system for Data Center	FM 200 fire suppression system for Data Center				
7.1	MECHANICAL PART: Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdc. Solenoid valve Wall Mounting Bracket Discharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr.	ME Ope	rsan CHANICAL PART: Cylinder 27 Liters Valve included Manual rrated Actuator 24 Vdc. Solenoid valve Wall Mounting Bracket rharge Hose and Adapter TPED CERTIFICATED SEAMLESS	Not Quoted	Not Quoted				
7.2	Low pressure switch		pressure switch	Not Quoted	Not Quoted				
7.3	HFC-227ea FM200 gas UL/FM listed. Per KG Prices. Room Size: L 12' x W 14' x H 12' RF 12" (Kg)	HFC- 12' x	smos -227ea FM200 gas UL/FM listed. Per KG Prices. Room Size: L W 14' x H 12' RF 12" (Kg)	Not Quoted	Not Quoted				
7.4	CENTRAL NOZZLE		TRAL NOZZLE	Not Quoted	Not Quoted				
7.5	CAUTION-ROOM PROTECTED		TON-ROOM PROTECTED	Not Quoted	Not Quoted				
76 3	2 zone EP extinguishant control panel (to BS/EN12094-1) c/w 3A EN54-4 PSU & 128 x64 pixel graphical LCD display. LPCB Approved - Branded.	2 zone EN54-4 Approv	st Plus EP extinguishant control panel (to BS/EN12094-1) c/w 3A 4 PSU & 128 x64 pixel graphical LCD display. LPCB red Branded	Not Quoted	Not Quoted				
7.7	12V7ah battery	OEM 12V7ah		Not Quoted	Not Quoted				
7.8 W	Approved EN54, LPCB, CE Multi-Purpose Smoke Detector with base Voltage range 12 ~ 30V DC. Sensitivity Setting: Comply to EN54	base. Vo EN54	ed EN54, LPCB, CE Multi-Purpose Smoke Detector with oltage range: 12 ~ 30V DC. Sensitivity Setting: Comply to	Not Quoted	Not Quoted				
7.9 R	Remote Indicating Lamp. CE, UL		Indicating Lamp. CE, UL	Not Quoted	Not Quoted				
7.10 E	Electronic Sounder	Contest I	c Sounder	Not Quoted	Not Quoted				
7.11 EI	electronic Sounder with Flasher	Electronic	: Sounder with Flasher	Not Quoted	Not Quoted				
	fanual call point for Gas Release		Il point for Gas Release	Not Quoted	Not Quoted				
7.13 Ye	ellow Extinguishant Abort button with back box	Contest P	tinguishant Abort button with back box	Not Quoted	Not Quoted				
	, ,								

Eyes & North





NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT/COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE

	S. No					
	1 0.710	Mandatory Provision / Eligibility			osal Opening: 25-09-2023	
	1	- Engiolity	Total	Marks	osal Opening: 25-09-2023	M/s. Multilink Engineering
	7.14	Yellow For		M/s. MS Technologies	M/s. Digital Machine Wold	
	<u> </u>	Yellow Extinguishant Abort button with back box	-		ina Digital material	6
	7.15			SmartLinkAdv 4	5	Not Quoted
	7.13	PSTN/GSM communicator and reserve line generator. Di feature manages 10 telephone numbers and provides 10 e message slots	ialler	Yellow Extinguishant Abort button with back box	Not Quoted	
1	7.16	provides 10 c	ditable	PSTN/GSM communicator and account		Not Quoted
t	7.17	1" schedule 40 pipe with accessories (RFT)		feature manages 10 telephone numbers and provides 10 editable message slots	Not Quoted	Not Quoted
ŀ	7.17	installation and commissioning of all above FM200 system ob)	/	1" schedule 40 pipe with accessories (RFT)	Not Quoted	Not Quoted
- 1	8.0	access Control System		Installation and commissioning of all above FM200 system (Job)		Not 4-1
1	-	Control System		Access Control System	Hot Quotes	Access Control System
	. 0	ne touch, that's all it takes for access control with biometri ader that offer the flexibility to be installed to		HIK-VISION	Access Control System	
	8.1 re	ader that offer the flexibility to be installed standalone or w y third party panel that supports 26-bit Wiccond	ic	HIK-VISION DS-K1T8048BMF		Not Quoted
L		- on wiegand	vith	One touch, that's all it takes for access control with biometric reade	Not Quoted	
	8.2 El	ectric magnetic lock with holding force 500Ibs with		that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand.		Not Quoted
\vdash	end	losure solding force 500lbs with		OEM	Not Quoted	Hot Queres
	Cer	tralized controller :		Electric magnetic lock with holding force 5001bs with enclosure.		
	1.10	0,000 cards and 300 000	1	HIK-VISION	1	
1				DS-K2604T Centralized controller:		
1		API, OSDP supported eader access control	1	100,000 cards and 300,000 events storage		Not Quoted
8.	J P Ala	rm input/output and alarm avent	• Communication via TCP/TP, ISUP5 0 and RS-485 • ISAPL OSDP supported	Communication via TCP/TP, ISUP5.0 and RS-485 ISAPI, OSDP supported	Not Quoted	
1	reade	463 Interface and Wiegand interface for accessing and	1	10reader access control		
1		94 Standard Qualified	f .	Alarm input/output and alarm event upload RS-485 interface and Wiegand interface for accessing card reader		
l	• Supp	upports battery access		UL294 Standard Qualified		
	1	1		Supports battery access		
	Taction	and assemble is a second secon		Festing and commissioning of all above items termination and		
8 4	connect	and commissioning of all above items termination and a livity at both ends, including submission of detailed test	[6	onnectivity at both ends, including submission of detailed test report	Not Quoted	Not Quoted
0.4	report f	om the Principals (Services)	Į r	om the Principals (Services)	Not Quoted	
	-					25
1.0	Conform	ance to the specification	40	25	30	23
				Lot # 3		
		1	1	Item # 1 (1.1 to 1.10) Item # 2 (2.1 to 2.7)		Lot # 1
- 1				Item # 3 (3.1 to 3.10)	Lot # 2	Item # 2 (2.1)
- 1	Qualified	in Items	1	Item # 4 (4 1 to 4 6) Item # 5 (5.1)	Item # 1 (1.1)	Lot # 3
		1	1	Item # 6 (6.1 to 6.12)	V	Item # 6
- 1		1	1	Item # 7 (7.1 to 7.17)	1	
				Item # 8 (8.3 to 8.4)		

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Doc # LUMIIS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

			Date of Technical Proposar	opening. 25-07-2020	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. MS Technologies	M/s. Digital Machine Wold	M/s. Multilink Engineering
1	2	3	4	5	Ü
2.0	Similar nature works Experience 1. Documentry evidence of (03) procurement in completed and certificate of satisfactory completion of works by the employers 15 Marks 2. List of Supplies in progress indicating cost of each work and copy of letter, awarding the work Marks	25	20	15	25
	Sub Total Marks	65	45	45	71
	Grand Total Marks	100	75	70	/
	Note: Minimum 70 Marks are required to qualify for financial opening				

Prof. Ferore Ali Kallibro Dean, Faculty of Dentistry, C LUMHS, JamshoroConverier

Engr. Sughir Ahmed Memon Director (P & D)/Works, MUET, JamshoroExternal Member Mr. Nadeemedi Joor Javeri Director Flaance, LUMHS, Jamshoro Member

Engr. Mukesh Kumar Vasu Assistant Engineer, SABS University, Jamshoro External Member Engr. Gulzar Ahmed Project Coordinator, LUMHS, Jamshoro Member / Secretary Mr. Abdul Rahim Maikh Director IV (Services) LUMHS Jamshoro Co-opted Member

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

Date of Technical Proposal Opening: 25-09-2023

	Date of Technical Proposal Opening: 25-09-2023						
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s, XCL Technologies	M/s. PTCL Business Solution		
1.0	2	3	7	8	9		
1.0	NTN Certificate	Mandatory	V	1	V		
2.0	Registration with Sindh Revenue Board (Wherever applicable)	If Applicable	N/A	N/A	4		
3.0	General Sales Tax Registration Certificate (GST)	Mandatory	1	1	4		
4.0	Valid Professional Tax Certificate	If Applicable	N/A	N/A	N/A		
5 0	Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any procurement in the Department	Mandatory	٧	1	1		
6.0	Affidavit to the effect that the firm / supplier have not been blacklisted previously by any executing agency.	Mandatory	· ·	1	. 1		
7.0	Certificate of Authorized Manufacturer is mandetory (MAL) Manufacturer Authorization Letter	Mandatory	V	4	•		
8.0	Bid Security 2% of Bid Cost	Mandatory	1	1	1		
9.0	Bid Signed & Stamped	Mandatory	1	1	1		
10.0	Detail portfolio of Company Profile containing Introduction date of establishment. Company Profile containing Introduction date of establishment, expenses (National / International Level) details of supplies to various Institutions / International Level including of supplied Equipments Year of Establishment of firm 1. Up to 03 years 2 Marks 2. Up to 05 years 5 Marks 3. Up to 10 years 10 Marks	10	10	10	. 10		
11.0	Current Financial Position (Bank statements & Audit Reports of last three years) Details of turnover (including interms of rupee) at least last futce years that average turnover should not be less than 20 million per year as per annual returns 1. Bank Statement 05 Marks 2. Audit Reports 05 Marks	10	8 23	6	10		

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT/COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & 112 CP ADATION OF 1 COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

Date of Technical Proposal Opening: 25-09-2023

Mandatory Provision / Eligibility 2 vailability of Services Center / (s) Provincial / relevant lucation regarding installation / repairing / service of juipment service of Technical Staff as per required / levant education regarding installation / repairing / service of juipment Sub Total Marks guipment Technical Evaluation Criteria (Item wise) unted Items DT NO.1 ini PC	Total Marks 3 10 5 35	M/s. Future Age 7 10 5 33 Lot # 1 Item # 1 (1.1)	8 10 5 31 Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Item # 3 (3.1) Item # 4 (4.1) Item # 5 (5.1) Item # 6 (6.1)	M/s. PTCL Business Solution 9 10 5 35 Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12) MINI PC
vallability of Services Center / (s) Provincial / relevant lucation regarding installation / repairing / service of luipment resonal Experience of Technical Staff as per required / levant education regarding installation / repairing / service of luipment Sub Total Marks guipment Technical Evaluation Criteria (Item wise) united Items DT NO.1	10 5 35	10 5 33	10 5 31 Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Item # 3 (3.1) Item # 4 (4.1) Item # 5 (5.1) Item # 6 (6.1)	10 5 Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
vallability of Services Center / (s) Provincial / relevant lucation regarding installation / repairing / service of luipment resonal Experience of Technical Staff as per required / levant education regarding installation / repairing / service of luipment Sub Total Marks guipment Technical Evaluation Criteria (Item wise) united Items DT NO.1	10 5 35	10 5 33	Lot #1 Item #1 (1.1) Item #2 (2.1) Item #3 (3.1) Item #4 (4.1) Item #5 (5.1) Item #6 (6.1)	5 Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
levant education regarding installation / repairing / service of juipment Sub Total Marks guipment Technical Evaluation Criteria (Item wise) uoted Items DT NO.1 ini PC	35	33 Lot#1	Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Item # 3 (3.1) Item # 4 (4.1) Item # 5 (5.1) Item # 6 (6.1)	Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
Sub Total Marks quipment Technical Evaluation Criteria (Item wise) uoted Items DT NO.1 Ini PC		Lot#1	Lot # 1 Item # 2 (2.1) Item # 2 (2.1) Item # 3 (3.1) Item # 4 (4.1) Item # 5 (5.1) Item # 6 (6.1)	Lot # 1 Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
uoted Items DT NO.1 Ini PC			Item #1 (1.1) Item #2 (2.1) Item #3 (3.1) Item #4 (4.1) Item #5 (5.1) Item #6 (6.1)	Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
DT NO.1			Item #1 (1.1) Item #2 (2.1) Item #3 (3.1) Item #4 (4.1) Item #5 (5.1) Item #6 (6.1)	Item # 1 (1.1) Item # 2 (2.1) Lot # 3 Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1 to 6.12)
ini PC	-			ACTAIL DC
ini PC				IMINI PC
		Mini PC	Mini PC	Dell OptiPlex Micro (7010)
PiDell or Equivalent Branded Mini PC - Core 15, Latest meration CPU (At least 4 Core, & Threads, Maximum Turbo equency 4.20 Ghz & 8MB, M.2SSD 256GB, 24 Inch IPS medess FHD LED Monitor with Keyboard and mouse	I 8 2 5 H H H 10 65	156 GB 2280 PCIe NVMe Value SSD ree Dos IP 125 BLK Wired Keyboard IP Black 125 Wired Mouse IP P24 G5 24" FHD IPS Frameless LED ntel AX211 Wi-Fi 6E 160 MHz + Bluetooth 5.3 WW WLAN S Wart Smart nPFC Straight AC Adapter		A 13th Gen i5-13500T (6+8 Cores/24MB/20T/1 6GHz to 4 6GHz/35W) 8GB (1x8GB) DDR4 Non-ECC Memory M2 2230 256GB PCIe NVMe Class 35 Solid State Drive Dell Wired Keyboard KB216 Black (English) Dell USB Optical Mouse-MS116 (EPEAT) - Black OS Media Kit Not Included Recovery Options Dell 24 Monitor - E2424HS [Dell 24 Monitor - E2424HS - [AG-MONE2424HS]](210-BGST)
47		Not Quoted	Laptop	Laptop
top Dell or Equivalent dod Laptop Core 17, Latest generation, 16GB RAM. B SSD.		Not Quoted	Model: HP Pavilion 15 17, 12th Gen 16GB RAM, 512 GB SSD	Dell Latitude 3540, XCTO 13th Gen Intel Core i7-1355U (12 MB cache, 10 cores, up to 5 00 GHz Turbo Integrated Intel(R) Iris(R) Xe or UHD Graphics for i7-1355U Processor 15 6°, HD 1366x768, 60Hz, TN, Non-Touch, Anti-Glare, 220 nit, NTSC 45%, HD Camera, WLAN 16 GB, 2 x 8 GB, DDR4, 3200 MT/s 12 GB, M.2 2230, PCIe NVMe, SSD, Class 5
	top Dell or Equivalent ded Laptop Core 17, Latest generation, 16GB RAM.	requency 4.20Ghz & 8MB , M.2SSD 256GB, 24 Inch IPS meless FHD LED Monitor with Keyboard and mouse IF IF IT	Threads, Maximum Turbo Frequency 4 60 GHz, 12M Cache 8GB (186B) DDR4 3200 SODIMM Memory 256 GB 2280 PCIe NVMe Value SSD Free Dos HP 125 BLK Wired Keyboard HP Black 125 Wired Mouse HP P24 G5 24" FHD IPS Frameless LED Intel AX211 Wi-Fi 6E 160 MHz + Bluetooth 5.3 WW WLAN 65 Watt Smart nPFC Straight AC Adapter 1 Year Comprehensive Warranty 1/1/1 (material / labor / onsite) Not Quoted Not Quoted Not Quoted	Threads, Maximum Turbo Frequency 4 06 GHz, 12M Cache 8GB (1x8GB) DR4 3200 SODIMM Memory 256 GB 2280 PCIc NVMe Value SSD Free Dos HP 125 BLK Wired Keyboard HP Black 125 Wired Mouse HP P24 G5 24" FHD IPS Frameless LED Intel AX211 Wi-Fi 6E 160 MHz + Bluetooth 5.3 WW WLAN 65 Watt Smart nPFC Straight AC Adapter 1 Year Comprehensive Warranty 1/1/1 (material / labor / onsite) Not Quoted Laptop Model: HP Pavilion 15 17, 12th Gen 16GB RAM, 81 SSD Not Quoted Not Quoted

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

C N-			Date of Technical Proposal Opening	g: 25-09-2023		
S. No	Total of Provision / Engineery	Total Marks	M/s. Future Age	M/s. XCL Technologies	M/s. PTCL Business Solution	
1.0	2	3	7			
3.0	Printer – HP/ Equivalent			8	9	
3.1	Printer speed 40PPM Processor 800MHZ, Memory 1GB, Resolution (print: up to 1200 x1200 dpi Interface (Hi-speed USB 2 0 PORT, Ethernet100/1000Mbps)		Printer Not Quoted	Printer Model: HP 404DN	Printer Not Quoted	
4.0	Multimedia Projector – Maxel HP/Dell/Sony or Equivalent		Multimedia Projector	Multimedia Projector	Male I D	
4,1	Short-Throw Multimedia Projector 3000 ANSI Lumens with WXGA Resolution, 3rd generation LED Technology Light source life (hours) with normal mode upto 30,000 Throw Ratio-49, Throw Dis 0.63M-1.58 Meter.			Model: Viewsonic PS700w Projector system 0.65" WXGA (1280x800) Brightness 3500 ANSI Lumens Light Source Lamp Lamp Hour (Nor /SuperEco): 4000/7500 Lamp Watt: 240W Offset: 130%±5% Throw Ratio 0.23 Keystone: HV Optical Zoom Fixed	Multimedia Projector Not Quoted	
5	Photocopiers		Photocopiers	Photocopiers	Photocopiers	
5.1	Speed: 55 PPM Max monthly duty cycle: 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper size 11 x 17" Max paper weight: 110 lb. Index Original size 11 x 17" Duplexing: Standards Network connectivity: Opt Print10/100Base Tx, Opt san10/100Base TX		Not Quoted	Model: Ricoh IMC 5500 Speed 55 PPM Speed 55 PPM Max Resolution copy 600x600 dpi Printer: Fast 1200 Mode Recommended paper size - Bypass tray SRA3, A3, A4, A5, A6, B4, B5, B6, Envelopes, Custom Size paper Paper input: standard 1,200 sheets Paper output: maximum: 4,700 sheets Paper output: standard 500 sheets Paper output: standard 500 sheets Paper output: maximum: 3,625 sheets	Not Quoted	
	Scanner		Scanner	Scanner	Scanner	
	Universal Flatbed scanner scans up to 40 ppm/80 IPM Optical resolution. 600dpi scan to text. PDF Including 50 pages ADF and one-touch scanning custom setting small and slim desktop design		Not Quoted	Model: HP Scan Jet Pro 3000 S4 Resolution 600 x 600 dpi Input type Sheetfed Auto document feeder Standard, 50 sheets Connectivity USB 3 0 scans at up to 40 ppm/80 ipm with two-sided scanning clear, tegible scans—up to 1,200-dpi resolution to text ,PDF Including 50 pages ADF 4000-page duty cycle	Not Quoted	



SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

			Date of Technical Proposal Openin		M/s. PTCL Business Solution
	Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s. XCL Technologies	,
S. No	Mandatory Provision / Engining	Total Marie		8	5
1.0	2	3	7		Interactive Screens 65"
			Interactive Screens 65"	Interactive Screens 65"	1
7.1	Interactive Screens 65" Display Size 65" or higher D-LED Backlight Screen resolution 8K Ultra-HD or higher Restolution 7680 + 4320 Operation System, X86 Android 11 and Windows 11 dual system architecture Fitting technology Full Fit CPU 11th Gen Intel Core i5 Memory 16GB Bulli-in Storage/ROM, 256 GB Touch Type Touch serven Glass: Zumm thick Touch Point 20-point Part 30 High 12.5mm Interfaces HDMI IN *1 (MAX 4K@60 Hz). Audio LINE Insertaces HDMI IN *1 (MAX 4K@60 Hz). Audio LINE IN *1, HDMI OUT *1, Audio LINE OUT *1, RU45 Ethernet Ports *2 USB 3 on front panel *1, USB 3 on rear panel * Audio pickup dissance must be up to 8m or higher Wi-Fi stundard IEEE 802.11a/b/g/n/ac/ax Must include Bluetooth 5 0 4K Camera with autio exposure feature must be included.		Not Quoted	Not Quoted	Not Quoted
	Commer mounting method must be pluggable			1.07.10.2	LOT NO.2
	Wireless screen transmitter must be included		LOT NO.2	LOT NO.2	OMR Scanner
	LOT NO.2		OMR Scanner	OMR Scanner	
1.0	OMR Scanner		ONE Scanner		
1.1			Not Quoted	Not Quoted	Not Quoted
	10TV-1		LOT No. 3	LOT No. 3	LOT No. 3
	LOT No. 3 Uninterruptible Power Supply (UPS) & Electric DB.		Uninterruptible Power Supply (UPS) & Electric DB.	Uninterruptible Power Supply (UPS) & Electric DB.	Uninterruptible Power Supply (UPS) & Electric DB.
	UPS True On-Line, 3kVA, Lithium-ion, Rack mount 4U, 236V, 6 [EC Cl3 + 1 [EC Cl9 oudes, Intelligent Card Slot, Extended runtime. W/rail lat complete		Not Quoted	Not Quoted	Not Quoted



Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE
STRENTHENING & LIP GP 4D ATION OF 16 A BATTON OF 16 A BATTON OF 18 A STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

Date of Technical Proposal Opening: 25-09-2023

			Date of Technical Proposal Open	ing. 20 07 2020	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s, Future Age	M/s. XCL Technologies	M/s. PTCL Business Solution
					9
1.0	2	3	7	8	
1.2	UPS True On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete		Not Quoted	Not Quoted	Not Quoted
1.3	UPS True On-Line, 20kVA/20kW, Rackmount 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete		Not Quoted	Not Quoted	Not Quoted
		1		Not Quoted	Not Quoted
1.4	32 Amps Industrial socket 3 pins (Pair)for Racks	3	Not Quoted	Not Quoted	Not Quoted
	6 Sgmm x 3C electric cable (RM) Rack		Not Quoted		Not Quoted
1.6	60 Amps Industrial socket 5 pins (Pair) for UPS		Not Quoted	Not Quoted	
_	(SCHNEIDER or equivalent) 16Sqmm x 4C electric cable (RM) UPS		Not Quoted	Not Quoted	Not Quoted
	UPS Distribution box		Not Quoted	Not Quoted	Not Quoted
	UPS Distribution Box (Output) DB DB Box size 24x45x8** Phase LED — 3 Voltage meter — 3 50 Amps triple pole breaker (TP) -1 0 Amps triple pole TP UPS Input)-6 (SCHNEIDER / ERASAKI/ ABB or equivalent)		Not Quoted	Not Quoted	Not Quoted
9 70 60	PS Distribution Box (Input) DB B Box saze 24x45x8" hase LED —— 3 Islage meter — 3 0 Amps triple pole breaker (TP) -1 Amps triple pole TP UPS (Input) - 10 (SCHNEIDER / RASAKL/ ABB or equivalent)		Not Quoted	Not Quoted	Not Quoted

She & Williams &

CS CamScanner

Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP CRADATION OF ICATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

			Date of Technical Proposal Openin	ig. 25-07 2424	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s. XCL Technologies	M/s. PTCL Business Solution
0.110	Managery Provision / Engiolity	Total Marks	MIS. PULLIC Age		9
1.0	2	3	7	8	Not Quoted
1.10	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	Not Quoted	
2.0	Passive Network		Not Quoted	Not Quoted	Not Quoted
2.1	CAT-6, UTP, 23AWG, LSOH, Delta-EC cerufied, cables, for data from Com Rack to each workstation in already laid 25 mm dia PVC conduit, channel or trench as per drawings including termination and taging at both ends. Complete in all respects. (Col.) CM / SCHEDIER / LEVINTON or equivalent)		Not Quoted	Not Quoted	Not Quoted
2.2	Simplex UK style angled Face plate with 1 No CAT-6 UTP RU- 45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.		Not Quoted	Not Quoted	Not Quoted
2.3	CAT-4. Patch Pancis 24 port equipped with RJ-45 LOsdurability 30 termination cycles. Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.		Not Quoted	Not Quoted	Not Quoted
			Not Quoted	Not Quoted	Not Quoted
	Supply of RM 19" Cable Manger CAT-6.UTP PVC factory certified patch cords 1 meter long having RJ-45 connectors at both ends for data communication.		Not Quoted	Not Quoted	Not Quoted

Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT/COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC DEPOLACY. AND INSTALLATION OF IT/COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC DEPOLACY. STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

			Date of Technical Proposal Openi		M/s. PTCL Business Solution
. No	Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s. XCL Technologies	,
1.0	2	3	7	8	Not Quoted
2.6	CAT-6.UTP PVC factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication. (3M/equ)		Not Quoted	Not Quoted	Not Quoted
2.7	Testing and commussioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	Not Quoted	
3.0	Optical Fiber Passive Network		Not Quoted	Not Quoted	Not Quoted
				Not Quoted	Not Quoted
3.1	Fiber Patch Cord Duplex LC/PC. LC/PC Patch Cord OM3Cord 10meters.		Not Quoted	Not Quoted	Not Quoted
_	Fiber Patch Card Duplex LC/PC- LC/PC Patch Cord 052LSZH.		Not Quoted	Not Quoted	Not Quoted
3.2	3 Meters. Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel		Not Quoted	Not Quoted	Not Quoted
_	Tape Fiber optic 6 Core Multimode OM3 indoor cables. (RM)		Not Quoted	Not Quoted	7.0. Q-1
	40 Pure Bank Mauntable Fiber Onlic Patch Panel OFDF		Not Quoted	Not Quoted	Not Quoted
3.5	Loaded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC Pigtails.			Not Quoted	Not Quoted
6	24 Ports Rack Mountable Fiber Opuc Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Piguils		Not Quoted	Not Quoted	Not Quoted
7 1	Piguals 12 Ports Rack Mountable Fiber Opuc Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Piguals		Not Quoted	1401 Kaning	
1	SU Wall Mountable Rack, 540mmx500mm (Double Section) th PDUs (12 port flat pin UK Type 13AMP)		Not Quoted	Not Quoted	Not Quoted

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BIDDER QUALIFICATION / TECHNICAL EVALUATION REPORT

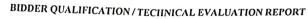
Method & Procedure of Procurement: Single Stage - Two Envelope)

STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

	1			THEILIES.	AI LUI	VIHS, JAMSHORO".			
	S. M	Mandatory Provision / Eligibility		Date of Technical Propos	al Openi	ing: 25-09-2023			
	1.0		Total Marks	M/s. Future Age		M/s. XCL Technologies		M/s. PTCL Business Solution	
	3.9	42U Data Rack 800mmx1000mm (Double Section) with PDU: (24 port flat pin UK Type 13AMP)	3	7		8		9	
		Testing and commission		Not Quoted		Not Quoted		Not Quoted	_
	3.10	Testing and commussioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted		Not Quoted		Not Quoted	
	4.0	Active Network Cisco/Huawei or Equivalent		Active Network Cisco/Huawei or Equivalent	Å	ctive Network Cisco/Huawei or Equivalent		Active Network Cisco/Huanel or Equivalent	
	4.1	4 Port Distribution Switch 4 Port SPP - Supported Redundant Power Supply amust dual are, RAM 1 GB or higher Flash 512MB orhigher, Oes Support mbedded fire NMS, At least 03Years equipment replacement arranty.		Not Quoted			S6 S6 QS opti with 600 side S677 1U B	24X6C-V2(C13_Britain)) 700 Series Ethernet Switches 730-H24X6C-V2(24*10GE SFP+ ports, 6*40GE FP28 ports, ional license for upgrade to 6*100GE QSFP28, iout power module) W AC Power Module(Back to Front, Power panel exhaust) XX-H Series Basic SW,Per Device locklike equipment lengthening back mounting EC Expandable 80-450mm)	
4.2	48 Po	ort Switch ort switch 4 SFP - Supported (Non-POE) NMS supported, st 03Years equipment replacement warranty.		Net Quoted		Not Quoted	S5735- S5700 S S5735-L 4*10GE ports, 2*	Engine S5735-L48T4XE-A-V2(CloudEngine L48T4XE-A-V2(Cl3 Britain)) Series Ethernet Switches 48T4XE-A-V2 (48*10/100/1000BASE-T ports, SFP* 12GE stack ports, AC power) L Series Basic SW,Per Device	

of The form





SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

	Date of Technical Proposal Opening: 25-09-2023							
	S. No	Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s. XCL Technologies	M/s. PTCL Business Solution		
ļ	1.0	2	3	7	8	Cloud Engine S5735-L24T4XE-A-V2(CloudEngine		
	43 2	24 Port Switch 24 Port Switch 24 GE Port with 4 SFP+ Supported (Non-POE) NMS supported. At least 03 Years equipment replacement warranty.		Not Quoted	Not Quoted	S5735-L24TAXE-A-V2(cut- S5700 Series Ethernet Switches S5735-L24TAXE-A-V2 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, 2*12GE stack ports, AC power, Specially protected models) S57XX-L Series Basic SW,Per Device		
-	4 240	I Port Switch IGE Port with 4 SFP+ Supported POE ,NMS supported, At st 03Years equipment replacement warranty.		Not Quoted		CloudEngine S573S-L24P4XE-A-V2(CloudEngine S573S-L24P4XE-A-V2(Cl3_Britain)) S5700 Series Ethernet Switches S5735-L Series Mainframe		
		1				Optical Transceiver, SFP+, 10G, Multi-mode Module(850nm, 0 3km, LC)		
4.	SFP.	P-10G- LR Single mode		Not Quoted		Optical Transceiver, SFP+, 10G, Single-mode Module(1310nm, 10km, LC)		
4.6	SFP-	-10G-SR Multimode		Not Quoted		No. Jose (Access Point) Huawei		
5.0	1	eless (Access Point) Cisco/Huawei or Equivalent		Not Quoted		Cloud Engine S6730-H24X6C-V2(C13_Britain)		
		AC Enterprise WiFi Access Points POE Based		Not Quoted	Not Quoted	S6700 Series Ethernet Switches S6730-H24X6C-V2(24*10GE SFP+ ports, 6*40GE QSFP28 ports, optional license for upgrade to 6*100GE QSFP28, without power module)_Co-Care Standard S6730- H24X6C_36Month(s)		





BIDDER QUALIFICATION/TECHNICAL EVALUATION REPORT

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO".

			ROSEARCH AND SPORTS FACILITES AT LU		
			Date of Technical Proposal Ope	ning: 25-09-2023	M/s. PTCL Business Solution
S. No	Mandatory Provision / Eligibility	Total Marks	Ms. Future Age	M/s. XCL Technologies	9
1.0	2	3	7	8	
6,0	Rack Server - HP / Dell or Equivalent 2U2 Socket		Not Quoted	Not Quoted	Rack Server PowerEdge R750xs Server (PowerEdge R750xs -
6.1	Device : 2 Socket Rack Mounted Server		Not Quoted	Not Quoted	PowerEdge R/30X3 Set VI [10-AZYQ] [ASPER750XS_VI_VP]] (210-AZYQ) PowerEdge R/350xs Server
6.22	Processor 2x Intel -Xeon Silver 43 [0] 2 3 G, 10 C/20T,		Not Quoted	Not Quoted	3 5 Chassis SAS/SATA Backplane No Rear Storage 2 CPU Configuration Trusted Platform Module 2.0 V3 3.5° Chassis with up to 12 Hard Drives (SAS/SATA), V3 Intel Xeon Silver 4310T 2.3G, 10C/20T, 10 4GT/s, 15M Cache, Turbo, HT (105W)DDR4-2666 Intel Xeon Silver 4310T 2.3G, 10C/20T, 10 4GT/s, 15M Cache, Turbo, HT (105W)DDR4-2666 Additional Processor Selected High Performance Heatsink High Performance Heatsink Performance Optimized 3200MT/s RDIMMs 16GB RDIMM, 3200MT/s, Dual Rank PowerEdge R750xs Server 3.5 Chassis SAS/SATA Backplane No Rear Storage 2 CPU Configuration
6.3	Memory: 8 x 16GB RDIMM, 3200MT/s, Dual Rank, ECC Registered Memory - Equivalent or Higher.		Not Quoted	Not Quoted	Trusted Platform Module 2 0 V3 3 5* Chassis with up to 12 Hard Drives (SAS/SATA), V3
6.4			Not Quoted	Not Quoted	Intel Xeon Silver 4310T 2 3G, 10C/20T, 10 4GT/s, 15M Cache, Turbo, HT (105W)DDR4-2666 Intel Xeon Silver 4310T 2 3G, 10C/20T, 10 4GT/s, 15M Cache, Turbo, HT (105W)DDR4-2666
6.5	OS Boot and Various other Disk Such as, NL-SAS, SSD		Not Quoted	Not Quoted	10 4(17), 15M Cache, Linko, 111 (1837) Additional Processor Selected High Performance Heatsink High Performance Heatsink Performance Optimized
6.5	3.5" Adapter 2.5" Equivalent or Higher MAX support 25 Disk Bays, Minimum 8, SAS 10K 15K RPM, 12Gbps, equivalentor higher. Also should support M.2 with separate RAID card for		Not Quoted	Not Quoted	High Performance Heatsink High Performance Heatsink



BIDDER QUALIFICATION / TECHNICAL EVALUATION REPORT

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE." NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EX STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

S. No		•	ACTES AT LUM	IIIS, JAMSHORO".	TER, UNDER THE PROJECT TITLE
3.71	Mandatory Provision / Eligibility		Date of Technical Proposal Openin	ng: 25-09-2023	
1.0	1	Total Marks	M/s. Future Age	Mix XCL Technologies	M/s. FTCL Business Solution
		3	7		
	RAID Controller Storage Controller RAID Controller 9460-81			•	3200MT/s RDIMMs
6.6	4UB Cache Supports RAID 0, 1, 10, 5, 50, 6, or 60, optional supercapacitor for cache datapower failure protection, RAID level migration, drive roaming, self-diagnosis, and remote webbased configuration. Network Adaptic, 4s CE.		Not Quoted	Not Quoted	16GB RDIMM, 1200MT/c, Dual Rank Unconfigured RAID PERC H75S Adapter. Low Profile 1 92TB SSD up to SAS 24Gbps SED FIPS 512e 2 Sin with 3 Sin HYB CARR Performance BIOS Settings High Performance Fan x5 Dual, Hot-plue, Power Supply Redundant (1-1), 1400W. Mixed Mode, NAF
6.7	4*10GE Optical Interface NIC(Intel XL7)0 Chipset(Wuth 4pcs Multi-mode Optical Transceiver) or Higher Provides expansion capability of multiple types of networks. Provides the CCP1 of network adapter. The two FlexIO card slots support two CCP 3.0 network adapters respectively, which can be configured as required. Hots swappable function supported		Not Quoted	Not Quoted	[1+1], 1400W, Mixed Moode, Note Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ) Riser Config 0, Half Length, Low Profile, 5x16 + 1x4 slots PowerEdge R750xs Motherboard with Broadcom 5720 Dual Port 1/Gb On- BoardLOM iDRAC9, Enterprise 15G Broadcom 5720 Quad Port 1/GbE BASE-T
6.8 F	Power Supply Redundant hot-swappable high efficiency KCpower supply or higher in full configuration		Not Quoted	Not Quoted	Adapter, OCP NIC 3 0 Broadcom 57414 Dual Port 10/25GbE SFP28 Adapter, PCIE Low Profile, V2 Intel X710 Dual Port 10GbE SFP+ Adapter, PCIE Low Profile, V2 PowerEdge 2U Standard Bezel Dell EMC Luggage Tag R750xs BOSS-S2 controller card + with 2 M 2 240GB (RAID 1) BOSS S2 Cables and Bracket for R750x/R550 Quick Sync 2 (At-the-box mgmt) iDRAC, Factory Generated Password iDRAC Group Manager, Enabled
	ibility Support long-term operating temperature under confic conditions.		Not Quoted	Not Quoted	Cable Management Arm, 2U ReadyRails Sliding Rails Without Cable Management Arm No Internal Optical Drive

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT/COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE NAME OF WORK: "FROCURENTED AND INSTALLATION OF 11 / COMPUTER BASED EQUIPMENT FOR EASTED THENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO".

	Mandatory Provision / Eligibility	Total Marks	Date of Technical Proposal Op		
1.0	Managed it.	3	M/s. Future Age	M/s. XCL Technologies	7
	Manageability and maintainability: Supports integrated system management:	-	7		M/s. PTCL Business Solution
6.10	rutoliaucally restarts consen	1		8	9
	- Monitors and controls fan modules, power supplies, and temperature Compatibility:		Not Quoted	Not Quoted	PowerEdge R/30x3 Shipping, APCC PowerEdge R/30x3 Shipping Material PowerEdge 2U, No CE or CCC Marking,
6.11	Supports mainstream operating systems, such as Microsoft Windows Server, SUSE Linux Enterprise Server, VMware ESXi, Red Hat Enterprise Linux, CentOS, Oracle Linux, Ubuntu, Debian, openEuler, etc.		Not Quoted	Not Quoted	Mac Address Label for On-board NIC CS INFO MIAS ISG Reporting Part SI,ORDY,MOD,INFO,ISGCH REPORT SI,GLOBAL,MOD DELL BEADY
6.12	Reliability: Long-term operating temperature: 5°C to 45°C (41°F to 113°F) (ASHRAE Classes AI to A4 compliant)		Not Quoted	Not Quoted	SI, GLOBAL, MOD, DELL READY SI, MOD, INFO, FIDA OR BYPASS SI, MOD, INFO, MIAS, POSTBURN SI, MOD, INFO, MIAS, AP SI, MOD, INFO, MIAS, AP SI, MOD, INFO, CSR, ELIGIBLE UEFI BIOS Boot Mode with GPT Partition OpenManage Enterprise Advanced No Operating System No Media Required No Systems Documentation, No OpenManage DVD Kit Basic Next Business Day 36 Months- ACDTS ProSupport and Next Business Day Onsite Service-ACDTS Initial, 36 Month(s) No Installation Services Selected Partner Operations Support B2B APCC Order Ready for MAC Add Label Configuration Services, Standard ISG Channel System Report, Deliver Via Email
7.0	FM 200 fire suppression system for Data Center		Not Quoted	Not Quoted	
7.1	MECHANICAL PART: Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdc. Solenoid valve Wall Mounting Bracket Discharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr.		Not Quoted	Not Quoted	
7.2	Low pressure switch		Not Quoted	Not Quoted	

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Doc # LUMIIS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO".

		Termical Floposal O	pening: 23-09-2025	
Mandatory Provision / Eligibility	Total Marks	M/s. Future Age	M/s. XCL Technologies	M/s. PTCL Business Solution
2	3	7	8	,
Size: L 12' x W 14' x H 12' RF 12" (Kg)		Not Quoted	Not Quoted	
CENTRAL NOZZLE				
CAUTION-ROOM PROTECTED				
2 zone EP extinguishant control panel (to BS/EN12094-1) c/w		Not Quoted	Not Quoted	
3A EN54-4 PSU & 128 x64 pixel graphical LCD display LPCB Approved - Branded		Not Quoted	Not Quoted	
12V7ah battery		Not Quoted	Not Quoted	
with base. Voltage range: 12 ~ 30V DC. Sensitivity Setting: Comply to EN54		Not Quoted	Not Quoted	
		Not Ouoted	Not Qualed	
Yellow Extinguishant Abort button with back box				
Yellow Extinguishant Abort button with back box				
PSTN/GSM communicator and reserve line generator. Dialler feature manages 10 telephone numbers and provides 10 editable message slots		Not Quoted	Not Quoted	
I'' schedule 40 pipe with accessories (RFT)		Not Quoted	Not Quoted	
Job)		Not Quoted	Not Quoted	
Access Control System		Access Control System	Access Control System	Access Control System
One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand.		Not Quoted	Not Quoted	Not Quoted
Electric magnetic lock with holding force 500fbs with enclosure.		Not Quoted	Not Quoted	Not Quoted
Centralized controller: 100,000 cards and 300,000 events storage Communication via TCP/TP, ISUP5 0 and RS-485 ISAPI. OSDP supported I0reader access control Alarm input/output and alarm event upload RS-485 interface and Wiegand interface for accessing card adder UL294 Standard Qualified Supports battery access		Not Quoted	Not Quoted	Not Quoted
	HFC-227ca FM200 gas UL/FM listed Per KG Prices Room Size L 12" x W 14" x H 12" RF 12" (Kg) CENTRAL NOZZLE CAUTION-ROOM PROTECTED 2 rone EP extinguishant control panel (to BS/EN12094-1) c/w 3A ENS44 PSU & 128 x64 pixel graphical LCD display LPCB Approved - Branded 12V7ah battery Approved ENS4, LPCB, CE Mulu-Purpose Smoke Detector with base. Voltage range: 12 – 30V DC. Sensitivity Setting: Comply to ENS4 Remote Indicating Lamp CE, UL Electronic Sounder Electronic Sounder Electronic Sounder Electronic Sounder with Flasher Manual call point for Gas Release Yellow Extinguishant Abort button with back box Yellow Extinguishant Abort button with back box PSTN/GSM communicator and reserve line generator. Dialler feature manages 10 telephone numbers and provides 10 editable message slots. 1" schedule 40 pipe with accessories (RFT) Installation and commusisioning of all above FM200 system (Job) Access Control System One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. Electric magnetic lock with holding force 500fbs with enclosure Centralized controller: 100.000 cards and 300,000 events storage Communication via TCP/TP, ISUP5 0 and RS-85 ISSAPI OSDP supported 10reader access control Alami input/output and alami event upload RS-48's interface and Wiegand interface for accessing card adder 10.294 Standard Qualified	BIFC-227ca FM200 gas UL/FM listed Per KG Prices Room Size L 12' x W 14' x H 12' RF 12" (Kg) CENTRAL NOZZLE CAUTION-ROOM PROTECTED 2 rone EP extinguishant control panel (to BS/EN12094-1) c/w 3A ENS44 PSU & 128 x64 pixel graphical LCD display LPCB Approved - Branded 12V7ah battery Approved ENS4, LPCB, CE Mulu-Purpose Smoke Detector with base Voltage range 12 ~ 30V DC Sensitivity Setting: Comply to ENS4 Remote Indicating Lamp CE, UL Electronic Sounder Electronic Sounder with Flasher Manual call point for Gas Release Yellow Extinguishant Abort button with back box Yellow Extinguishant Abort button with back box PSTN/GSM communicator and reserve line generator Dialler feature manages 10 telephone numbers and provides 10 editable message slots 1" schedule 40 pipe with accessiones (RFT) Installation and commusisioning of all above FM200 system (Joh) Access Control System One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand Electric magnetic lock with holding force 500 lbs with enclosure Centralized controller: 100,000 cards and 300,000 events storage Communication via TCPTP, ISUP5 0 and RS-485 ISSPI OSDP supported 10reader access control Alami impulcouptul and alarm event upload RS-485 interface and Wiegand interface for accessing card adder 2012-94 Standard Qualified	Mandatory Provision / Eligibility 2 IIIC-227ca FM200 gas ULFM listed Per KG Prices Room Size L17's W 14's R12'K F12'K Kg Not Quoted CENTRAL NOZULE CAUTION ROOM PROTECTED 2 year EP Evengushan centrol panel (to BS/EN12094-1) Ov 3A (Nist 4 PSU & 128 xid pxxd graphical LCD display) L17'A basilery Not Quoted Approved EN-4 LPCB. C E Multi-Purpose Smoke Detector with basilery and the service of the service	Mr. Future Age Mr. Future Age Mr. XCL Technologies J 7 B 1 BIFC-237ea TMITIO gas ULFM Insted Per KG Prices Room Size L 17 × W 14 × 111 ? R 13 ² ′ K 14. Not Quoted Not



BIDDER QUALIFICATION / TECHNICAL EVALUATION REPORT

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE

AND SPORTS EACH TEST OF THE PROJECT TITLE

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE

No	Mandatory Provision / Eligibility	Total Marks		Date of Technical Proposal Opening: 25-09-2023			
1.0	2	1	M/s. Future Age	M/s. XCL Technologies			
	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed		1	ACL Technologies	M/s: PTCL Business Solution		
8.4	test report from the Principals (Services)				,		
			Not Quoted	No. 6			
1.0	6 Conformance to the specification			Not Quoted	Not Quoted		
		40	25				
	Qualified in Item		23	25	25		
			Lot#1 tem#1 (1-1)	Laff 	Lot#1 tem#1 (L1) tem#2 (2.1) Lot#3 tem#4 (4.1 to 4.6)		
	Similar nature works Experience			Item # 5 (5.1) Item # 6 (6.1)	Item # 5 (5.1) Item # 6 (6.1 to 6.12)		
2.0	Documentry evidence of (05) procurement in completed and certificate of satusfactory completion of works by the employers IS Marks List of Supplies in progress indicating cost of each work and copy of letter awarding the work 10 Marks		25	20	20		
	Sub Total Marks	65	50				
	Grand Total Marks	100	83	45	45		
	Note: Minimum 70 Marks are required to qualify for financial opening.		83	76	80		

Director (P & D)/Works,

Engr. Mukesh Kumar Vasu Assistant Engineer,
SABS University, Jamshoro
External Member Project Coordinator, LUMHS, Jamshoro Member / Secretary

Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

No. Machaning Persolvan I Eighbility Total Marks Mo. Technolous Philiston Mo. Mo. Mo. Mo.		Date of Technical Proposal Opening: 25-09-2025					
10 NTN Centificate Maniform of Stroken Receives Based (Wherever applicable) If Applicable V V Report Stroken Centificate (CST) Maniform V V V V V V V V V V V V V V V V V V V			Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication	
NNC confidure NNC confider NNC confide			3	10	11	12	
30 General Sata Tax Regaration Certificate (CST) Mandatory V Vide Professional Tax Certificate If Applicable N/A N/A N/A	1.0	NTN Certificate	Mandatory		1	4	
Valid Professional Tax Certificate If Applicable N/A	2.0	Registration with Sindh Revenue Board. (Wherever applicable)	If Applicable	4	1	4	
Understang of Affidavs that the firm is not involved in any hispation of a handwood any procurement in the Department Affidavs to the effect dut to firm? apopher have not been blacklisted procurement in the Department Affidavs to the effect dut to firm? apopher have not been blacklisted procurement in the Department of the procurement			Mandatory	1	1	4	
of AlmAndered any procurement in the Department Allidavit to the effect that the furn' supplier have not been blacklasted persons by any executing agency. Certificate of Authorized Manufacturer is mandelary (MAL) Manufacturer Authorized Manufacturer is mandelary (MAL) Manufa	4.0	Valid Professional Tax Certificate	If Applicable	N/A	N/A	N/A	
previously by any executing agency. Autobalory Certificate of Authorized Manufacture is mandetory (MAL) Manufactury Bid Security 2% of Bid Cont Manufactury Detail perifolio of Company Profile containing Introduction date of establishment Company Profile containing Introduction of Introduction of Introducti	5.0	Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any procurement in the Department	Mandatory		1	4	
Manufacturer Authornation Letter Mindatory Manufacturer Authornation Letter Mindatory Manufacturer Authornation Letter Manufacturer Authornation Letter Authornation Authornation Letter Manufacturer Authornation Manufacturer Authornation Letter Authornation Authornation Letter Manufacturer Authornation Manufacturer Authornation Letter Manufacturer Authornation Letter Manufacturer Authornation Authornation Letter Manufacturer Authornation Authornation Letter Manufacturer Authornation Authornation Letter Manufacturer Authornation Manufacturer Authornation Letter Manufacturer Authornation I Deat Devilor Company Profile containing Introduction date of establishment capterior Containing Introduction date of establishment Company Profile containing Introduction date of establishment of Introduction dat	6.0	Affidavit to the effect that the firm / supplier have not been blacklisted previously by any executing agency.	Mandatory	1	4	√	
Detail perfishe of Cempany Profile containing Introduction date of establishment. Cempany Profile containing Introduction date of establishment of firm 1. Up to 0 year 2 Marks 2. Up to 0 years 5 Marks 3. Up to 10 years 10 Marks Current Financial Position (Bank statements & Audit Reports of Iast three years) Details of turnover (including interns of rupee) at least last three years that average turnover should not be less than 20 million per year as per annual returns 110 110 10 10 10 10 10 10 10	7.0	Certificate of Authorized Manufacturer is mandetory (MAL) Manufacturer Authorization Letter	Mandatory	٧	4	V	
Detail perfolio of Company Profile containing Introduction date of establishment (expense) (National / International Level) details of supplied Equipments Year of Establishment of firm 1 Up to 03 years 2 Marks 2 Up to 05 years 2 Marks 3 Up to 10 years 10 Marks Current Francal Position (Bank statements & Audit Reports of last three years that average turnover (including interns of rupeo) at least last three years that average turnover should not be less than 20 million per year as per annual returns 10 10 10 10 10 10 10 10 10 1	8.0	Bid Security 2% of Bid Cost	Mandatory	V	1	V	
establishment. Company Profile containing Introduction date of establishment expense (National Level) details of supplies to various Institutions / International Level idealing of supplies to various Institutions / International Level idealing of supplies to various Institutions / International Level idealing of supplies to various Institutions / International Level idealing of supplies to various Institutions / International Level idealing of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies to various Institutions / International Level including of supplies in the International International International International International International International International International Internat	9.0	Bid Signed & Stamped	Mandatory	1	1	√	
three years) Details of turnover (including interms of rupee) at least last three years that average turnover should not be less than 20 million per year as per annual returns 10 1. Bank Statement 2. Audit Reports 05 Marks 1. Availability of Services Center /(s) Provincial / relevant education regarding installation / reparing / service of equipment 10 8 10 10 10 10 10 10 10 10	10.0	establishment. Company Profile containing Introducion date of establishment, experience (National / International Level) details of supplies to various Institutions / International Level including of supplied Equipments Year of Establishment of firm 1.1 to 10 years 2 Marks 2. Up to 05 years 5 Marks 2. Up to 05 years 5 Marks	10	10	10	10	
regarding installation / repaining / service of equipment . 10 Personal Experience of Technical Staff as per required / relevant .	11.0	three years) Details of turnover (including interms of rupee) at least last three years that average turnover should not be less than 20 million per year as per annual returns 1. Bank Statement 05 Marks	10	10		6	
			10	8	10	10	
			5	5	5	5	
Sub Total Marka 35 33 31		Sub Total Marks	35	33	31	31	

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

Method & Procedure of Procurement: Single Stage - Iwo Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS BY ON THE PROJECT TITLE STRENTHENING BY ON THE PROJECT TITLE BY ON THE PROJECT TITLE STRENTHENING BY ON THE PROJECT TITLE BY ON THE BY ON OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

	Date of Technical Proposal Opening: 23-0-7223				
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication
1	2	3	10	11	12
	Fanish and Table 17. And 17. And 18.		10		
	Equipment Technical Evaluation Criteria (Item wise)			The Table	
			Lot#1		4
	Quoted Items		lem # 7 (7 1) Lot # 3 lem # 4 (4 1 to 4 6) lem # 5 (5 1) lem # 6 (6 1 to 6 12)	All Items	All liens of Lot#i & Lot#3
	Lozno		LOTNO	LOT NO.1	LOT NO.1
1.0	LOT NO.1 Mini PC			Minl PC	Mini PC
	HP/Dell or Equivalent Branded Mini PC - Core 15, Latest Generation CPU (At least 4Core 8 Threads, Maximum Turbo Frequency 4 20Ghz & 8MB , M 2SSD 256GB, 24 Inch IPS Frameless FHD LED Monitor with Keyboard and mouse		Not Quoted	Acer Veriton X (SFF), VX2710G 15-13409AGB254SSD/0DD & WLAN/ V247Y ED0817 YR WTY Mnn PC-Core 15, Latest Gemention CPU (At least 4Core, 8 Threads, Maximum Turbo Frequency 4 200th & 8MB, M, 25SD 256GB, 24 Inch IPS Frameless FHD LED Monitor with Keyboard and mouse	Black Copper BCNUCPC-45 13G Branded Min PC -Core i5, Latest Generation CPU (At least 4Core,8 Threads, Maximum Turbo Frequency 4 20Ghz & 8MB , M 2SSD 256GB, 24 Inch IPS
2.0	Laptop		Laptop	Laptop	Laptop
	HP/Dell or Equivalent Brunded Laptop Core 17, Latest generation, 16GB RAM, 512GB SSD			Acer TMP216-51:77- 1355UneB \$1255U16* WUNGA 1PSYMLAN/Dou'l YR WTY Laptop Core 17, Latest generation, 16GB RAM, \$12GB SSD.	LAPTOP HP PROBOOK 450G9 Branded Laptop Core 17, Latest generation, 16GB RAM, 512GB SSD Intel Core 17 125U Turbo up to 3.5 GHz,8GB, 512, FHD, AG+BI K/B Intel 9560 Ac2x2, FINGER PRINT, WEB CAM HD, DO, HP Carrying CasePike Silver Alumunium (1 year Waranty)
3.0	Printer - HP/ Equivalent		Printer – HP/ Equivalent	Printer - HP/ Equivalent	Printer - HP/ Equivalent
3.1 P	hanter speed 40PPM hosessor 800MEZ. femon 1GB. esolution (print up to 1200 x1200 dpi esolution (print up to 1200 x1200 dpi terface (Hi-speed USB 2 0 PORT, Ethernet100/1000Mbps)		Not Quoted	HP 404dw Printer	PRINTER BPS100DW
4.0 M	fultimedia Projector – Maxel HP/Dell/Sony or Equivalent	М	ultimedia Projector – Maxel HP/Dell/Sony or Equivalent	Multimedia Projector – Maxel HP/Dell/Sony or Equivalent	Multimedia Projector - Maxel HP/Dell/Sony or Equivalent
41 L	nort-Durow Multimedia Projector 3000ANSI Lumens with WXGA solution, 3rd generation LED Technology phil source life (hours) with normal mode upto 30,000 urow Ratio 49, Throw Dis 0.63M-1.58 Meter.	-	Not Quoted	Panasonic PT-TW380 Short Throwth Projector Short-Throw Multimedia Projector 3000ANSI Lumens with WXGA Resolution, 3rd generation LED Technology Light source life flown's with normal mode upto 30,000 Throw Ratio 49, Throw Dis 0.63M-1.58 Meter.	Multimedia Projector- Multimedia EPSONEX-513800hamens Short-Throw Multimedia Projector 3000ANSI Lumens with WXGA Resolution, 3rd generation LED Technology Light source life (hours) with normal mode upto 30,000 Throw Ratio-49, Throw Dis 0 63M-1 58 Meter



SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO" Method & Procedure of Procurement: Single Stage - Two Envelope)

Date of Technical Proposal Opening: 25-09-2023

Mandatory Provision / Eligibility 2 tocopiers of 55 PPM monthly dury cycle: 350,000 pages per month slutten copt 600x600 dps F Fast 1200 Mode: and page stupply 1500 x2 550 x2 100 sheet MPT pages stup 11x 17** pages stup 11x 17** pages stup 11x 17** cong: Standards ork: connectivity: Opt Print 10/100Base Tx, Opt san 10/100Base ork: connectivity: Opt Print 10/100Base Tx, Opt san 10/100Base	Total Marks	M/s. Techacces Pakistan 10 Photocopiers Not Quoted	M/s. Rockwell Enterprises II Photocopiers Sharp BP-50M5S Photocopier Speed 55 PPM Max monthly dury cycle - 350,000 pages per month Resolution copy 600×600 dpi Pmiter - Fast 1200 Mode Pmiter - Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper usepls 110 lb Index Original size 11 x 17* Duplexing Standards Network connectivity: Opt Pmit10/100Base Tx; Opt san10/100Base Tx	M/s. MB Communication 12 Photocopiers Pho
decopiers ad 55 PPM monthly data cycle 350,000 pages per month slution copy 600x600 dp. Fast 1200 Moder Fast 1200 Moder pages supply 1500 x2 550 x2 100 sheet MPT pages supply 1500 k1 billion for the supply 1500 k1 bi	3	Photocopiers	Photocopiers Sharp BP-50M55 Photocopier Speed 55 PPM Max monthly dury cycle 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard pager supply 1500 x2 550 x2 100 sheet MPT Max paper surg 11 x 17" Max paper weight 110 lb. Index Organia surg 11 x 17"	Photocopiers Photocopier Machine BP-50015S Speed 55 PPM Max monthly duty excle 150,000 pages per month Resolution copy 6005e00 dpi Printer East 1200 Mode Standard pages supply 1500 x2 550 x2 100 sheet MPT Max pager ware 11 x 17" Max pager warght 110 its Index Original size 11 x 17" Copyrid 1 x 17" Copyrid 1 x 18 x 17" Copyrid 1 x 18 x
decopiers ad 55 PPM monthly data cycle 350,000 pages per month slution copy 600x600 dp. Fast 1200 Moder Fast 1200 Moder pages supply 1500 x2 550 x2 100 sheet MPT pages supply 1500 k1 billion for the supply 1500 k1 bi	,	Photocopiers	Sharp BP-50N155 Photocopier Speed 55 PPM Max monthly duty excle 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper supe 11 x 17" Max paper weight 110 lb. Index Organia suse 11 x 17"	Photocopier Machine BP-50MS Speed 55 PPM Max monthly duty excle 350,000 pages per month Resolution copy 600x600 dpi Printer Fast 1200 Mode Standard pager supply 1500 x2 550 x2 100 sheet MPT Max pager size 11 x 17" Max pager wight 110 lb. Index Organal size 11 x 17"
of 55 PPM monthly duty cycle 350,000 pages per month interest 200 Mode and page supply 150 of 250 of 100 sheet MPT pages such 13.17" pages weight 110 lb index mail size 11 x17" pages weight 110 lb index mail size 11 x17"		·	Sharp BP-50N155 Photocopier Speed 55 PPM Max monthly duty excle 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper supe 11 x 17" Max paper weight 110 lb. Index Organia suse 11 x 17"	BP-50MSS Speed 55 PPM Max monthly duty evele 350,000 pages per month Resolution copy 60x6000 dpi Printer Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper size 11 x17** Standard paper size 12 x17** Standard p
monthly dury excite 350,000 pages per month- lutions oxpr 600bc500 dp; or Fast 1200 Moxic land paper supply 1500 oz 550 x2 100 sheet MPT paper size 11 x 177 paper weight 110 lb index mai size 11 x 177 congr. Skandards		·	Speed 55 PPM Max monthly duty excle 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper suga 11 x 17" Max paper weight 110 lb. Index Organia suse 11 x 17"	Speed 55 PPM Max monthly duty cycle 350,000 pages per month Resolution copy 600x600 dpi Printer: East 1200 Mode Standard pages supply 1500 x2 550 x2 100 sheet MPT Max pages size 11 x 17" Max pages size 11 x 17" Max pages size 11 x 17" Criginal size 11 x 17" Criginal size 11 x 17" See Sec. Sec. Sec. Sec. Sec. Sec. Sec. S
	1			Daplesting Salmania Network connectivity: Opt Print10/100Base Tx, Opt san10/100Base TX
			Scanner	Scanner
er				Scancer HP Pro
sal Flathed scanner scans up to 40 ppm/80 IPM resolution 6004ps scan to text PDF ng 50 pages ADF and one-touch scanning custom setting small is desicting design.			Hp 3000 S4 Scanner Universal Flatbed scanner scans up to 40 ppm/80 IPM Optical resolution: 600dpi scan to text, PDF	2600 FT Universal Flatbed scanner scans up to 40 ppm/80 IPM Optical resolution. 600dpi scan to text. PDF including 30 pages ADF and one-touch scanning custom setting small and slim desktop design.
				nteractive Screens 65"
tive Screens 65"		nteractive Screens 65"	Smart Edu Serv Screen N65" with External PC, Aver VB130 4K Camera	ILACK COPPER
as Nue 5° or higher D Backlight D Backligh	H 11 Er H3 Ve	3C S6512C Cloud Touchscreen Appliance 15- 33G716GB/256GB SSD/Windows 11 IOT YT+Androud 11/2mm(Overseas Version) IC VB01 4K Camera-Overseas Version IC TC01 Wireless Screen Transmitter-Overseas rsion C B002 Mobile Stand	Pluggabb, HTDZ Mic and Standard Rack Draphy Suze 65 or higher	Display Nize 65' or higher D-LED Blacklight Screen resolution. 8K Ultra-HD or higher Resolution. 7680 × 4320 Operation. System. X86 Android 11 and Windows 11 dual system chitecture. Fitting technology. Full Fit CPU. 11th Chen Intel Core 15 Memory. 160B Built-in Storage/ROM. 256 GB Touch Type: Touch screen Glass. Zmm thick Touch Point. 20-point Pricel. 33 million. 4x digital zoom. Response Time: < 12 ms Touch Height. 25 mm Interfaces: HDMI IN = 1 (MAX 4K, areo Hz), Audio LINE IN = 1, Mill GUT = 1, Audio LINE CUT = 1, R45 Ethernet Ports = 2, BB 30 on front panel = 1, USB 30 on rear panel = 3, Type-C Port = Audio pickup distance must be up to 8m or higher Wi-Fi standard. IEEE 80.2 Ha/byg/mics/ax Must meluke Bluetooth 5.0
D Bank of the second of the se	in ES or higher sidingst stations. RK Ultra-HD or higher 7680: > 4320 ystem. XSK Android 11 and Windows 11 dual system sology. Full Fit ent linei Core 15 GB george Core 15 GB	in St. or higher dishight latinous RK. Ultra +ID or higher 7680 × 4320 FR680 × 4320	is ES or higher shigher shigher shigher shigher shade R.F. De higher from X& Audroid 11 and Windows 11 dual system specified by SEC School SSD/Windows 11 IOT ENT-Android 11/2mm(Overseas Version) H3C VBO1 4K Camera-Overseas Version) H3C VBO1 4K Camera-Overseas Version H3C TCO1 Wireless Screen Transmitter-Overseas Version H3C B002 Mobile Stand Section Section H3C B002 Mobile Stand Section Section H3C B002 Mobile Stand Section Section Stand Section Section Stand Section S	in ED or higher shadows it is a standard Rack in the plant of higher in the core is the plant in the p

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

		Date of Technical Proposal Opening: 25-09-2023					
	i. No	Mandatory Provision / Eligibility	Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication	
-	1	2	3 .	10	11	12	
		LOT NO.2				LOT NO.2	
1	1.0	OMR Scanner		LOT NO.2	LOT NO.2 OMR Scanner	OMR Scanner	
t	.1			OMR Scanner Not Quoted	KodakS-3120 Max Scanner with Remark office OMR Software Reading speed Approx x 3500 pages Form Input : 700 forms Communication interface. USB 2 0 / RS-232C senal interface, Reading Head Pen Pencil and all standard options, OMR-Reading software: Remarks Classic	Not Quoted	
	lu	OT No. 3		LOT No. 3	LOT No. 3	LOT No. J	
1.0	Un	ninterruptüble Power Supply (UPS) & Electric DB.		Uninterruptible Power Supply (UPS) & Electric DB.	Uninterruptible Power Supply (UPS) & Electric DB.	Uninterruptible Power Supply (UPS) & Electric DB.	
Ш	IBC	S True On-Line, 3kVA, Lithrum-ion, Rack mount 4U, 230V, 6 C13 + 1 IEC C19 outlets, Intelligent Card Slot, Extended runtime, null lot complete.	,	Not Quoted	Stabmatic JKVA UPS UPS True On-Line, JkVA, Lithium-ion, Rack mount 4U, 230V, 6 IEC C13 + 1 IEC C19 outlets, Intelligent Card Slot, Extended runtime, W/rail kit complete	Attom J KVA UPS UPS True On-Line, 3kVA, Lathium-ion, Rack mount 4U, 230V, 6 IEC C13+1 IEC C19 outlets, Intelligent Card Stot, Extended runtime, W/ rail kit complete	
1.2	wire	True On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3- (P+N+E) outlet, Intelligent Card Stot, LCD, Extended Runtime, Lail Kif Complete		Not Quoted	Stabimatic 10 KVA UPS UPS True On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3-wire(IP+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete	Attom 10 KVA UPS U-910R(HH UPS True On-Line, 10kVA/10kW, Rackmount SU, 230V, Hard wire 3-wire(JPN+95) outlet, Intelligent Card Slot, LCD. Extended Runtime, W/Rail Kit Complete	
1.3	wire(I)	Frue On-Line, 20kVA/20kW, Rackmount 230V, Hard wire 3- PPN+E) outlet, Intelligent Card Stot, LCD, Extended Runtime, il Kirl Complete		Not Quoted	APC 20 KVA UPS UPS True On-Line, 20kVA/20kW, Rackmount 230V, Hard wire 3-wire(IP+N+E) utlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete.	Attom 20 KVA UPS U-200R3JH JPS True On-Line, 20kV/A/20kW, Rackmount 230V, Hard wire 3- wre(JPN-19) outlet, Intelligent Card Slot, LCD, Extended Runtime, W Rail Kit Complete.	
1.4	32 Amp	os Industrial socket 3 pins (Pair)for Rucks				CHNIDER 2 Amps Industrial socket 3 pins (Pair) for Racks	
1.5	6 Samm	x 3C electric cable (RM) Rack				akistan Cable Squun x 3C electric cable (RM) Rack	
	60 Amps egurvalen	Industrial socket 5 pins (Pair) for UPS (SCHNEIDER or II)			Amps Industrial socket Spins (Pair) for LIPS (SCHMEIDER or agriculture)	CHNIDER D Amps Industrial socket 5 pins (Paur) for UPS (SCHNEIDER or juivalent)	
1.7	6Squan r	x 4C electric cable (RM) UPS				akistan Cable Sqmm x 4C electric cable (RM) UPS	

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS NOW TO SHARE A STRENGTH OF THE PROJECT TITLE STRENTHENING A STRENGTH OF THE PROJECT TITLE STRENTHENING A STRENGTH OF THE PROJECT TITLE STRENGTH OF THE PROJECT TITLE STRENTHENING A STRENGTH OF THE PROJECT TITLE STRENGTH OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMHS, JAMSHORO"

S. No	Mandatory Provision / Eligibility	Total Marks	Date of Technical Proposal Opening. 25-	M/s. Rockwell Enterprises	M/s. MB Communication
1			The Atlanta Control	- 11	12
1.8	UPS Distribution box	3	10 UPS Distribution box	UPS Distribution bex	UPS Distribution box
	UPS Distribution Box (Output) DB DB Box size 24x45x8" Phase LED — 3 Vollage meter — 3 Vollage meter — 3 450 Amps triple pole breaker (TP) -1 60 Amps triple pole ITP UPS Input)-6 (SCHNEIDER / TERASAKI/ ABB or equivalent)		Not Quoted	DB 16gauge Braker TARASAKI UPS Distribution Box (Output) DB DB Box size 24x45x8" Pluse LED — J Voluge meter — 3 450 Amps triple pole breaker (TP) - 1 60 Amps triple pole TP UPS Input)-6	UPS Distribution Box (Output) DB Loacal Fabricated DB Box size 244548; Phase LED —— 3 Voltage meter — 3 450 Amps triple pole breaker (TP) -1 60 Amps triple pole IP UPS Input)-6 (SCHNEIDER / TERASAKI/ ABB or equivalent)
1.9	UPS Distribution Box (Input) DB DB Rox size 24x45x8" Phase LED — 3 Voltage meter — 3 Voltage meter — 3 Od Annys triple pole breaker (TP) -1 Od Annys triple pole TP UPS Input) - 10 (SCHNEIDER / TERASAKI/ ABB or equivalent)		Not Quoted	DB 16gauge Breaker (Apat) DB UPS Distribution Beer (Input) DB DB Nov 2022 24:45x8* Phase LED — 3 700 Amps triple pole breaker (TP) -1 60 Amps triple pole DP UPS Input) - 10 (SCHNEIDER / TERASAKI/ ABB or equivalent)	UPS Distribution Box (Input) DB DB Box size 2445x8" Phase LED — 3 Voltage meter — 3 Voltage meter — 7 00 Amps triple pole breaker (TP) -1 60 Amps triple pole TP UPS Input) 10 (SCHNEIDER / TERASAKI/ ABB or equivalent)
1.10	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	As Per Requirement Testing and commissioning of all above items termination and connectivity at both ends including submission of detailed test report from the Principals (Services)	Testing and commussioning of all above items termination and connectivity at both ends.including submission of detailed test report from the Principals (Services)
2.0	Passive Network		Not Quoted	Passive Network	Passive Network
21	CAT-6, UTP, 23AWG, LSOH, Delta-EC certified, cables, for data from Com Rack to each workstation in alrealy laid 25 mm dia PVC conduct, channel or trench as per dawayes including termination and tagging at both ends. Complete in all respects (Coil.) (3M / SCHNEIDER / LEVINTON or equivalent)		Not Quoted	AGNA (SCHAFFIDER ALEVINTON) as a control of	VIVANCO CAT-6, UTP, 23AWG, LSOH, Delta- EC certified, cables, for data from Com Rack to each workstation in already laid 25 mm dae PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coil) (3M / SCHNEIDER / LEVINTON or equivalent)
2.2	Simplex UK style angled Face plate with 1 No CAT-6 UTP RJ-45 I/O durability 30 termination cycle. Complete with shuttered click-ins. labels, contact resistance not more than 20M ohms and all accessories but including back box.		Į.	Simplex UK style angled Face plate with 1 No. CAT-6 UTP RJ-45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M oluns and all accessories but including back low.	VIVANCO Sumplex UK style angled Face plate with 1 No. CAT-6 UTP RJ-45 LO durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.
2.3	CAT-6. Patch Panels 24 port equipped with RJ-45 I/Osdurability 30 communition system with cable organizer including all labelling and all mounting accessores. Complete in all expects		The Queen	AT 6. Patch Panels 24 port equipped with RJ-45 I/Osdurability 30 termination cycles. Data communication system with cable organizer including all labelling and all nounting accessories. Complete in all respects	VIVANCO CAT-6, Patch Panels 24 port equipped with RJ-45 l/Osdurability 30 termination cycles. Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.
24	supply of RM 19 Cable Manger				VIVANCO Supply of RM 19' Cable Manger
	AT 6 UTP PVC factory certified patch cords 1 meter long having RJ- 5 connectors at both ends for data communication (3M/2-qu)		Not Quoted		VIVANCO CAT-6,UTP PVC factory certified patch cords 1 meter long having RJ- 45 connectors at both ends for data communication. (3M/Equ)



SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC RESEARCH AND SPONTON OF A OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

	Date of Technical Proposal Opening: 23-07-2023					
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication	
1	2	3		- 11	12	
26	CAT-6 UTP PVC factory certified patch coods 3 meter long having RJ- 45 connectors at both ends for data communication (3M/equ)	,	10 Not Quoted	JM CAT-6./UTP PVC factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication. (3M/equ)	VIVANCO CAT-6.UTP PVC factory certified patch cords 3 meter long baving RI 45 connectors at both ends for data communication. (3M/eqs)	
2.7	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	UTP Installation Testing and commissioning of all above items termination and connectivity at both ends including submission of detailed test report from the Principals (Services)	
3.0	Optical Fiber Passive Network		Optical Fiber Passive Network	Optical Fiber Passive Network	Optical Fiber Passive Network	
3.1	Fiber Patch Cord Duplex LC/PC LC/PC Patch Cord OM3Cord 10meters		Not Quoted	K Tech Fiber Patch Cord Duplex LC/PC. LC/PC Patch Cord OM3Cord I0meters.	VIVANCO Fiber Patch Cord Duplex LC/PC. LC/PC Patch Cord OM3Cord 10meters.	
3.2	Fiber Patch Card Duplex LC/PC-LC/PC Patch Cord 052LSZH, 3 Meters		Not Quoted	K Tech Fiber Patch Card Duplex LC/PC- LC/PC Patch Cord 052LSZH, 3 Meters.	VIVANCO Fiber Patch Card Dupley LC/PC-LC/PC Patch Cord 052LSZH, 3 Meters.	
3.3	Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape.				VIVANCO Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape.	
3.4	Fiber optic 6 Core Multimode OM3 indoor cables (RM)				VIVANCO Fiber optic 6 Core Multimode OM3 indoor cables. (RM)	
3.5	48 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC Pigtails		Not Quoted	48 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Nos of LC	VIVANCO 48 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC Piguals.	
3.6	24 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Pigtails.		Not Quoted		VIVANCO 24 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Pigtails	
3.7	12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Pigtails		Not Quoted	12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC	VIVANCO 12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Pigtails.	
3.8	15U Wall Mountable Rack, 540mmx500mm (Double Section) with PDUs (12 port flat pin UK Type 13AMP)		Not Quoted	Rack 8 Port Flat Pin PDU 15U Wall Mountable Rack, 540mmx500mm (Double Section) with PDUs (12 port flat pin UK Type 13AMP)	VIVANCO 15U Wall Mountable Rack, 540mmv500mm (Double Section) with PDUs (12 port flat pin UK Type 13AMP)	
3.9	42U Data Rack 800mmx1000mm (Double Section) with PDUs (24 port flat pin UK Type 13AMP)		Not Quoted		VIVANCO 42U Data Rack 800mmx (1000mm (Double Section) with PDUs (24 port flat pin UK Type 13AMP)	
3.10	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	As Per Requirement Tetting and commissioning of all above items termination and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	FIBER Installation Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES." OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMHS, JAMSHORO*

5. N	Mandatory Provision / Eligibility	Total Marks	Date of Technical Proposal Opening: 2	M/s. Rockwell Enterprises	M/s. MB Communication
1		Total Starts	M/s. Technicens Pakintan	"	12
4.0	1	,	10	Active Network Cisco/Huswei or Equivalent	Active Network Circul Inswel or Equivalent
4.1	24 Pert Distribution Switch 24 Pert SIPs Superind Redunder Power Supers amust dual con-		Active Network Cisco/Huawel or Equivalent H3C S6520X-26C-SH L3 Ethernet Switch with 24*1G/10G Base-X SFP Plus Ports and 1*Slot, Without Power Supplies ASSY-CORD, AC, IEC TO IEC 75W AC Pluggable Power Supply Module Single Cable, Console Serial Port Cable, 1-Rm, DPF_ZRUL027G4(P) (P296U), MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT	Huwrel S5731-S32ST4X 24 Port Distribution Switch 24 Port SPP: Supported Redundant Power Supply amust dual core, RAM LGH or higher Flash \$12MH orlugher, Que Support embedded free NMS, At least 03 Years equipment replacement Warrany.	24 Port Switch H3C SS170-S4S-EI L2 Ethernet Switch with LS-S170-S4S-EI GL 48*10/100/100/BASE-T Ports and 6*1C/10G BASE-X SFP Plus Ports, (AC) Single Cable, Corsole Serial Port Cable, 1-8m, D9F_28UL202764Py(P296U)_MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT
4.2	48 Port Switch 48 Port switch 53P9-Supported (Non-POE) NMS supported, At least 03 Years equipment replacement warranty		48 Port Switch H3C SS170-54S-EI L2 Ethernet Switch with LS-S170-54S-EI-GL 48*10/100/1000BASE-T Ports and 6*1G/10G BASE-X SFP Plus Ports, (AC) Single Cable, Console Senal Port Cable, 1 km, D9F,28UL20276(4P)(P296U),MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT	48 Fort with 4 SFP+ Supported (Non-EUE) (Non-Supported), supported (Non-EUE)	48 Port Switch 48 Port with 4 SPP+ Supported (Non-PCE) NMS supported, At least 0) Years equipment replacement warranty. SS170-E1 Switch # I====H3C
43	24 Port Switch 24GE Port with 4 SFP+ Supported (Non-POE) NMS supported, At least 63 Years equipment replacement warranty	H an Pl Su Ca CT	ISC S5170-28S-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports	Lansiy Leosose 24 Pert Swish 24GF Port with 4 SFP+ Supported (Non-POE) NMS supported, At least 03Years equipment replacement warranty.	24 Port Switch UGE Port with 4 SFP+ Supported (Non-POE) NMS supported, At cast 03 Years equipment replacement warranty.
4.4	24 Port Switch 24GF Port with 4 SPP+ Supported POE NMS supported. At least 03Years equipment replacement warranty	H3: 24* Plu: Sing Cab	C S1170-285-HPWR-EI L2 Ethernet Switch with 10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP s Ports, (AC), PoE+ gle Cable, Console Serial Port le, 1.8m, D9F,28UL20276(4P) (P296U), MPH-8P8C Foundation Basic Service 1Y Sx9 Next Business Day- NT	24 Port Switch 26 Port with 4 SFP+ Supported POE, NMS supported, At least 03 Years equipment 27 Port With 4 SFP+ Supported POE, NMS supported, At least 03 Years equipment	St/The EL switch # L=== HUC 4 Port Switch 40E Port with 4 SEP+ Supported POE NMS supported, At least 3Years equipment replacement warranty
45	SFP-14G-LR Single mode	-INT	Foundation Basic Service 1Y 5x9 Next Business Day-		mperted Compatible FP-10G- LR Single mode



BIDDER QUALIFICATION / TECHNICAL EVALUATION REPORT

•	31-08-2023		BIDDER QUALIFICATION / TECHNICAL	EVALUATION REPORT	
OF AC	OF WORK: "PROCUREMENT, SUPPLY ADEMIC, RESEARCH AND SPORTS FAC	AND INSTALLATI CILITES AT LUMH	Method & Procedure of Procurement: Single S ION OF IT / COMPUTER BASED EQUIPMENT FOR S, JAMSHORO" Date of Technical Proposal Opening	SSPRA ID # T01773-2: Stage - Two Envelope) EXAMINATION CENTER, UNDER THE PROJECT T	-0001 Dated: 07-09-2023 TITLE STRENTHENING & UP GRADATION
S. No	Mandatory Provision / Eligibility	T	Date of Technical Proposal Opening:	25-09-2023	
	1	Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication
4.6	SFP-10G-SR Multimode		SFP+ Module(850nm, 300m,LC) -INT	Cisco SFP-10G-SR Multimode	Imported Compatible SFP-10G-SR Multimode
5.0	Wireless (Access Point) Cisco/Huawei or Equivalent		CT-Foundation Basic Service IY 5x9 Next Business Day- S, INT		
			Wireless (Access Point) Huawei	Wireless (Access Point) Ciscolliumei or Equivalent	Wireless (Access Point) Ubiquiti
5.1	802 11 AC Enterprise WiFi Access Points POE Based	1 1	HIC WA6320 Internal Antennas 4 Streams Dual Radio 802 I Iav3a/n Access Point, FIT CT-Foundation Basic Service IY 5x9 Next Business Day- S, INT	D-link DAP-2610 802.11 AC Enterprise WiF1 Access Points POE Based	UN-quist Wire Less Access Point 802 11 AC Enterprises WiFi Access Point POE based
	Sack Server - HP / Dell or Equivalent U2 Socket	н	lack Sener DC 1990 GS	Rack Server Dell R75011	Rack Server HJC R4900 G5
6.1 D	evice : 2 Socket Rack Mounted Server	De	rvice : 2 Socket Rack Mounted Server	Device : 2 Socket Rack Mounted Server	Device : 2 Socket Rack Mounted Server
Proc 6.2 10.4	осног 2x IntelXeon Silver 43101 23G, 10С/20Т, IGT/n, 15M Cache Equivalent or Higher	H3 H3 H3 H3 H3 H3 H3 H3	2U X16X8X8 Riser(Slot1/2)(Supporting 2*FHFL and HHL,Supporting 1*300W GPU)(CTO&BTO) 2 Ports ASA FAID Controller(With 4GB 1e, Supporting 8 SAS Ports, PCIe, No reapacito) (FIO) 1 1 OGE Fiber Interface Ethernet Adapter(SFP+)-	Processor 2s IntelXeon Silver 43101 2 3G, 10C/20T, 0 4GT/s, 15M Cuche Equivalent or Higher (C) 1 5 0 6 G A HI G G G G G G G G G G G G G	R4900GSS Rack Sener HIDC Unisener R4900 G5 SFF CTO Sener HIDC Unisener R4900 G5 4314(2 4GHz) (6Coresz/4MB/135W)CPU Module ASSY/CORD.AC, LEC TO IEC G5 2U 6038 Fan Module (CTO&BTO) G5 Fornt 2**M2 2280/22110 Riser Module (CTO&BTO) 1-G5 32 UX 1(SXSX Raser(Slot1/2)(Supporting 2**PHFL and **PHHL,Supporting 1**300W GPU)(CTO&BTO) 2G0 2 Ports SAS RAID Controller(With 4GB ache, Supporting 8 SAS Ports, PCIe, No upercapacitor) (FIO) Port 10GE Fher Interface Ethernet Adapter(SFP+)- 10F-10F 10F 10F 10F 10F 10F 10F 10F 10F 10F



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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMIS, JAMSHORO*

	ACTEMES AT LUMIIS, JAMSHORO"							
S. No	Mandatory Provides / Eligibility		Date of Technical Proposal Opening: 25-C		M/s. MB Communication			
1	2	Total Marks	M/s. Technocess Pakistan	Mis. Rockwell Enterprises	12 Service Global			
6.3	Memory 8 x 16GB RDIMM 3200MT/s, Dual Rank, ECC Registered Memory - Equivalent or Higher	,	10 H3C Server Installation and Startup Service. Global Version	II Memory: 8 x 16GB RDIMM, 3200MT/s, Dual Rank, ECC Registered Memory - Egurvalent or Higher	HIC Server Installation and Startup Service, Global Version HIC R1900 GS Custom Module for Special International Delivery Module (CMCTO)			
6.4	M.2 Card 1 x BOSS Card/2x240GB SSD M.2 SATA		HYC R4900 G5 Custom Module for Special International Delivery Module (CMCTO) 480GB SATA RI ER2GD M 2 SSD Module(CMCTO)	M 2 Card = 1 x BOSS Card/ 2x240GB SSD M 2 SATA	Delivery Module (CMC 10) 480GB SATA RI ERZGD M 2 SSD Module(CMCTO) 2U Cable Management Bracket H3C UmServer G5 2U Intelligent Security			
6.5	Disk. 6x.1.92TH SSD SAS 2.5° 12Gbps. Rendlinensive-PM6 in 3.5° Adaptie 2.5° Espinsolent or Higher MAX support 25 Disk Bays. Mammun 8. SAS 10K, 15K RPM, 12Gbps. espinsolente higher, Also should support M.2 with separate RAID card for OS Boot and Various other Disk Such as. NL-SAS, SSD SASSATA, PCI NVMI.		2U Cuble Management Bracket HISC UniServer G5 2U Intelligent Security Bezel (CTO&BTO) G5 2U/IU Ball Bearing Rail Kit(CTO&BTO)	Dick for 197IB SSD SAS 2.5° 12(days Realization). 3. 'E-gainwheet or Higher MAX support 25 Dick Bays, Minimum 8, SAS 10K, 15K, SEM, 12(days, equivalenter higher, Also thould support M.J. with separate RAID end for OS Boot and Various other Dick Such as, NL-SAS, SSD SAS/SATA, PCI NVME.	GS 2U/IU Ball Bearing Rail Kit(CTO&BTO)			
6.6	RAID Controller Storage Controller RAID Controller 9460-8i IVII RAID. RAID. AGB Cache Supports RAID 0, 1; 10, 5, 50, 6, or 60, optional supercapacitor for cache datapower failure protection, RAID level magration, drive rouning, self-diagnosis, and remote web-based configuration.			RAID Controller Storage Controller RAID Controller 260-8; PCLRAID, 4GB Cache Supports RAID 0, 1, 10, 5, 50, 6, or 60, optional supersupactor for eache datapower fasher protection, RAID level migration, drive roaming, self-diagnesis, and remote web-based configuration.				
6.7	Network Adapter 4x GE port AVAGO and XP332 INTEL 4*10GE Optical Interface NIC(Intel XL710 Chipter)(With 4pcs Multi-mode Optical Transceiver) or Higher Provides expansion capability of multiple types of networks. Provides the COP3 of network adapter. The two FlexIO and slots support two OCP 3.0 network adapters respectively, which can be configured as required. Hots awappable function supported.			Network Adapter 4x GE port AVAGO and XP332 INTEL 4*10GE Optical Interface NIC(Intel XL710 Clupset)(With 4pcs Multi-mode Optical Transceiver) or Higher Provide expansion capability of multiple types of networks. Provides the OCP 10 network adapter. The two FlexIO card slots support two OCP 1.0 network adapters respectively, which can be configured as required. Hots swappable function supported.				
6.8	Power Supply Redundant hot-swappable high efficiency ACpower supply or higher in full configuration			Power Supply: Redundant hot-swappable high efficiency AC power supply or higher in full configuration.				

CS CamScanner



Method & Procedure of Procurement: Single Stage - Two Envelope) OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIS. JAMSHORO? Method & Procedure of Procurement: Single Stage - Two Envelope) OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIS. JAMSHORO?

	JAMSHORO*					
S. No	Mandatory Provision / Eligibility		Date of Technical Proposal Opening: 25-	5-09-2023		
	1	Total Marks	M/s. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication	
6.9	Stability Support long-term operating temperature under specific conditions	,	10	11	12	
	Managestility and maintainability Supports integrated and			Stability: Support long-term operating temperature under specific conditions		
6 10 ft	Monitors and controls fan modules, power supplies, and temperature. **Starts and shitte down servers **Starts and shitte down servers **Restarts servers in sequence **Updates local firmware **Records errer (local firmware **Provides Uniformware **P		mm full RR - S cer anni and whith - Th generation	Managerbility and maintainability * Supports integrated system management - Automatically restarts servers - Automatically restarts servers - Automatically restarts servers - Restarts servers in sequence - Updates local firmware - Records error logs - Records crowledge from the servers - Records crowledge from the servers - Records Clifs for management and other advanced management functions - Provides a dysamication tool - Provides (Ills for management and other advanced management functions) - Provides (Ills for management and other advanced management functions) - Provides (Ills for management and other advanced management functions) - Provides (Ills for management and control ports and Clifs for remote monitoring to implement remote full control over servers, independently of Clifs Remote indicated in the server of the server		
611 50	pports mainstream operating systems, such as Microsoft Windows ver, SUSE Linux Enterprise Server, VMware ESXi, Red Hat exprise Linux, CentOS, Oracle Linux, Ubuntu, Debian, openEuler,		Suppo Linux	opationisy sorti mainstream operating systems, such as Microsoft Windows Server, SUSE K Enterprise Server, VMware ESXR, Red Hat Enterprise Linux, CentOS, Oracle K, Ubuniu, Debian, openEuler, etc.		







	18sue Date:31-08-2023			(PO)	
N	AME OF WO		BIDDER QUALIFICATION		
O	F ACADEMIC "PROCUREMENT		BIDDER QUALIFICATION / TECH	INICAL EVALUATION REPORT SSPRA ID # T01773-23-00 nt: Single Stage - Two Envelope) NT FOR EXAMINATION CENTER, UNDER THE PROJECT TO	
	TEADEMIC, RESEARCH AND SPORT	LY AND INSTALL	Mod	THE REPORT	
_	SPORTS	FACILITES AT L	ATION OF IT / COMPANY & Procedure of Procureme	SSPRA ID # T01773-23-00	001 Dated: 07-09-2023
Ι.		LO AT LU	MHS, JAMSHORO" BASED EQUIPME	NT FOR The Envelope)	
1	Mandaton Post			THE POR EXAMINATION CENTER, UNDER THE PROJECT TO	TLE STRENTHENING & UP GRADATION
	1		Date of Technical Propose	10	
	1	Total Marks	110,7034	Opening: 25-09-2023	
		3	M/s. Techaccess Pakistan		
			10	M/s. Rockwell Enterprises	M/s. MB Communication
		1		II II	12
61	Reliability: Long-term operating temperature: 5°C to 45°C (41°F to 113°F) (ASHRAE Classes Al to A4 compilant)			Reliability: Long-term operating temperature: 5°C to 45°C (41°F to 113°F) (ASHRAE Classes Al to A4 compliant)	
7.0	FM 200 fire suppression system for Data Center		FM 200 fire suppression system for Data Center	FM 200 fire suppression system for Data Center AKRONEX HFC-227ca	FM 200 fire suppression system for Data Center
7.1	MECHANICAL PART Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdc. Solemed valve Wall Mounting Bracket Duscharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr		Not Quoted	MECHANICAL PART. Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdc. Solenoid valve Wall Mounting Bracket Discharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr	40 Liter MECHANICAL PART Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdc Solenoid valve Wall Mounting Bracket Duscharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr.
2	Low pressure switch			Low pressure switch	Low pressure switch
	HFC-227ea FM200 gas UL/FM listed. Per KG Prices. Room Size: L 12' x W 14' x H 12' RF 12" (Kg)		Not Quoted	HFC-227ea FM200 gas UL/FM listed. Per KG Prices. Room Size: L 12' x W 14' x H 12' RF 12' (Kg)	Ways mos HFC-227ca HFC-227ca FM200 gas UU/FM listed. Per KG Prices. Room Size: 12° x W 14° x H 12° RF 12° (Kg)
1	CENTRAL NOZZLE		Not Quoted	CENTRAL NOZZLE	NOZZLE CENTRAL NOZZLE
ď	CAUTION-ROOM PROTECTED		Not Quoted	CAUTION-ROOM PROTECTED	D110 CAUTION-ROOM PROTECTED
ĮΘ	20ne EP estinguishant control panel (to BS/EN12094-1) ofw 3A NS4-4 PSU & 128 x64 pixel graphical LCD display. LPCB pproved Branded.		Not Quoted	2 zone EP extinguishant control panel (to BS/EN12094-1) c/w 3A EN54-4 PSU & 128 x64 pixel graphisel LCD display. LPCB Approved Branded.	EP203 / CON 2 zone EP extinguishant control panel (to BS/EN12094-1) o'w 3A EN54-4 PSU & 128 w64 pixel graphical LCD display. LPCB Approved Branded.
12	V7ah battery		Not Quoted		Local Available 2V7ah battery



SSPRA ID # T01773-23-0001 Dated: 07-09-1023

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT /COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMBER 1.1.2 OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMBS, JAMSHORO*

	Date of Technical Proposal Opening: 25-09-2023						
5. N	Mandatory Provision / Eligibility	Total Marks	Date of Technical Proposal Openi	Mis. Rackwell Enterprises	54/s. 51% Communication		
1	1	T HEAT MEATER	M/s. Technocess Pakistan		£ £		
7.8	Approved INS4, UNCB, CE Multi-Purpose Smoke Detector with but Voltage range 12 – 10V DC Sensitivity Setting, Comply to ENS4	3 se	Not Quoted	Approved ENSA, LPCB, CE Multi-Purpose Smoke Detector with base. Voltage range 12 - 30V DC. Sensitivity Setting: Comply to ENSA			
7.9	Remote Indicating Lamp CE, UL		Not Quoted	Remote Indicating Lump. CE, UL	AH-413 Remote Indicating Lemp. CR. UL		
7.10	Electronic Sounder		Not Quoted	Electronic Sounder	CPBF330PR Electronic Sounder		
7.11	Electronic Sounder with Flasher		Not Quoted	Electronic Sounder with Flasher	FL 108-POS-EA Electronic Sounder with Flusher		
7.12	Manual call point for Gas Release		Not Quoted	Manual call point for Gus Release	Pi-108-POS-EA Manual cell point for Gas Release		
7.13	Yellow Extinguishant Abort button with back box		Not Quoted	Yellow Extinguishant Abort button with back box	Abort Yellow Extinguishant Abort button with back best CFT-105-001		
7.14		-	Not Quoted	Yellow Extinguishant Abort button with back box	Yellow Extinguishant Abort button with back box		
7.15	PSTN/OSM communicator and reserve line generator. Dialler feature manages 10 telephone numbers and provides 10 editable message alots	1	Not Quoted	PSTN/GSM communicator and reserve line generator. Dialler feature manages 10 telephone numbers and provides 10 editable message slots.	Smart Link-Adv Area PS TNACSM communicator and reserve line generator. Dialler feature manages: (0 telephone numbers and provides: 10 aditable message alots.		
7.16			Not Quoted	1" schedule 40 pipe with accessories (RFT)	I'' schedule 40 pipe with accessories (RFT)		
7.17	1" schedule 40 pipe with accessories (RFT) Installation and commissioning of all above FM200 system (Job)		Not Quoted	Installation and commissioning of all above FM200 system (Job)	Installation and commissioning of all above FM200 system (200) Access Control System		
				Access Control System	Access Control System		
8.0	Access Control System One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand.		Access Control System Not Quoted	ZKTE.co Uface 800 One touch, that's all it takes for access control with biometric reader that offer the flexibility to be mutalled standalone or with any third party panel that supports 26-bit Wiegand.	ZKT eco Ufac 800 One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit. Wiegand.		
8.2	Electric magnetic lock with holding force 500/lbs with enclosure		Not Quoted	Electric magnetic lock with holding force 500/bs with enclosure.	Local Avialable Electric magnetic lock with holding force 500fbs with enclosure. ZKT eco Ufae 800		
83	Centralized controller 100,000 cards and 300,000 events storage Communication via TCP/TP, ISUP5 0 and RS-485 ISAPI, GSDP supported 10trader access control Alam input/output and alarm event upload RS-485 interface and Wiegand interface for accessing card reader UL294 Standard Qualified Supports battery access		Not Quoted	AMT AMF-4D Access Controller Centralized controller 100 000 cards and 300,000 events storage - Communication via TCP/TP, ISUP5 0 and RS-485 1SAP/LOSDP supported - 10reader access control - Alarm impulvosupts and alarm event upload - RS-485 interface and Wiegand interface for accessing card reader - UL294 Standard Qualified - Supports battery access	Centralized controller 100.000 cards and 300.000 events storage Communication via TCP/TP, ISUPS 0 and RS-885 ISAPI, OSDP supported 10reader access control Alarm input/output and alarm event upload RS-885 interface and Wiegand interface for accessing card reader UT.294 Standard Qualified Supports battery access Testing and commissioning of all above items termination and		
8.4	Testing and commissioning of all above items termination and commentivity at both ends, including submission of detailed test report from the Principals (Services)		Not Quoted	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	Testing and commissioning or an acove mean serious-tool suc- connectivity at both ends, including submission of detailed test report from the Principals (Services)		
10	Conformance to the specification	40	25	25	20		



NAME OF WORK: "PROCUREMENT, SUPPLY AS OF ACADEMIC, RESEARCH AND SPORTS FACE	ND INSTALLATION	BIDDER QUALIFICATION / TECHNICAL EVA	ALUATION REPORT	
NAME OF WORK: "PROCUREMENT, SUPPLY AND SPORTS FACILITY S. No. Mandatory Provision / Eligibility 1 2	TES AT LUMHS, J	OF IT / COMPUTER BASED EQUIPMENT FOR EX AMSHORO" Date of Technical Proposal Opening: 25	SSPRA ID # T01773-23-000 c - Two Envelope) (AMINATION CENTER, UNDER THE PROJECT TIT	1 Dated: 07-09-2023 LE STRENTHENING & UP GRADATION
	3	M/a. Techaccess Pakistan	M/s. Rockwell Enterprises	M/s. MB Communication
Qualified in Items Similar nature works Experience Documentry evidence of (05) procurement in completed and certificate of sustaination completion of a positions.		Lot # 1 Item # 7 (7 1) Lot # 3 Item # 4 (4 1 to 4 6) Item # 5 (5 1) Item # 6 (6 1 to 6 12)	I	12 Let # 1 lem # 2 (2.1) lem # 3 (3.1) lem # 5 (5.1) Let # 3 lem # 5 (5.1) Let # 3 lem # 1 (1.1 to 1.10) lem # 2 (2.1 to 2.7) lem # 3 (3.1 to 3.0) lem # 4 (4.1 to 4.6) lem # 5 (5.1) lem # 6 (6.1 to 6.1.2) lem # 7 (7.1 to 7.77) lem # 8 (8.1 to 8.4)
cortificate of satisfactory completion of works by the employers 15 Marks 2. Use the completion of works by the employers 2. List of Supplies in progress indicating cost of each work and copy of letter, awarding the work 10 Marks	25	20	20	25
Sub Total Marks	65	45	45	45
			43	76

Director (P & D)/Works,
MUET, JamshoroExternal
Member

Director Finance, LUMHS, Jamshoro

Engr. Mukesh Kumar Vasu Assistant Engineer, SABS University, Jamshoro External Member

Engr. Gulzar Ahmed Project Coordinator, LUMHS, Jamshoro Member / Secretary

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Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

			Date of Technical Proposal Opening: 25-07-2025	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coperation	M/s. Anets Cyber Solution
1	1	3	IJ	14
1.0	NTN Certificate	Mandatory	4	4
2.0	Registration with Sindh Revenue Board (Wherever applicable)	If Applicable	4	4
3.0	General Sales Tax Registration Certificate (GST)	Mandatory	√	√
4.0	Valid Professional Tax Certificate	If Applicable	N/A	N/A
5.0	Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any procurement in the Department	Mandatory	*	√
6.0	Affidavit to the effect that the firm / supplier have not been blacklisted previoily by any executing agency.	Mandatory	+	4
	Certificate of Authorized Manufacturer is mandetory (MAL) Manufacturer Authorization Letter	Mandatory	4	¥
8.0	Bid Security 2% of Bid Cost	Mandatory	4	V
9.0	Bid Signed & Stamped	Mandatory	4	√
100	Detail portfolio of Company Profile containing Introduction date of establishment. Company Profile containing Introduction date of establishment, experience (National/International Level) details of supplies to various Institutions / International Level including of supplied Equipments Year of Establishment of firm 1. Up to 0.0 years 2 Marks 2. Up to 0.5 years 5 Marks 3. Up to 10 years 10 Marks	10	10	5
	Current Financial Position (Bank statements & Audit Reports of last three years) Details of furnover (including interms of rupee) at least last three years that average turnover should not be less than 20 million per year as per annual returns 1. Bank Statement 05 Marks 2. Audit Reports 05 Marks	10	to	. 7

The State agree

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Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

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Date of Technical Proposal Opening: 25-09-2023

	Date of Technical Proposal Opening: 25-09-2025					
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coporation	M/s. Anets Cyber Solution		
1	2	3	13	14		
12.0	Availability of Services Center / (s) Provincial / relevant education regarding installation / repairing / service of equipment	10	5	5		
13.0	Personal Experience of Technical Staff as per required / relevant education regarding installation / repairing / service of equipment	5	s	5		
	Sub Total Marks	35	30	22		
	Equipment Technical Evaluation Criteria (Item wise)					
	Quoted Items		All Items of Lot #1 & Lot #2 Lot #3 Item # 1 (1.1 to 1.10) Item #2 (2.1) Item #3 (3.1 to 3.10)	Lot # 1 Item # 7 (7.1) Lot # 3 Item # 2 (2.1) Item # 4 (4.1 to 4.6) Item # 5 (5.1) Item # 6 (6.1)		
	OT NO.1		LOT NO.1	LOT NO.1		
H le	Mini PC IP/Dell or Equivalent Branded Mini PC -Core 15, Latest Generation CPU (At teast 4Core, 8 Threads, Maximum Turbo Frequency 4.20Ghz & 8MB, 4.25SD 256GB, 24 Inch IPS Frameless FHD LED Monitor with Keyboard ad mouse	1	Mini PC ENOVO Branded Think Center M70Q G4 Mini PC - Core 15, Latest Generation CPU (At least 4 Core, 8 Threads, Maximum Turbo Frequency 4,20 Ghz & 8 MB M.2SSD 256GB, 24 Inch IPS Frameless FHD LED Monitor with Keyboard and mouse	Mini PC Not Quoted		
2.0 L	aptop	L	Aptop	Laptop		
	P/Dell or Equivalent Propell or Equivalent Annual Laptop Core 17, Latest generation, 16GB RAM, 512GB SSD.	Т	ENOVO Branded hink Pad E-15 G4 randed Laptop Core i7, Latest generation, 16GB RAM, 512GB SSD.	Not Quoted		
3.0 Pr	inter - HP/ Equivalent	Pi	rinter – HP/ Equivalent	Printer - HP/ Equivalent		
Pri Pri Mc Re	inter speed 40PPM ocessor 800MHZ, emory 1GB, solution (print : up to 1200 x1200 dpi erface (Hi-speed USB 2.0 PORT, Ethernet100/1000Mbps)	Pe	atum BPS100DW	Not Quoted		
4.0 M	ultimedia Projector – Maxel HP/Dell/Sony or Equivalent	М		Multimedia Projector – Maxel HP/Dell/Sony or Equivalent		

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Method & Procedure of Procurement: Single Stage - Two Envelope)

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Date of Technical Proposal Opening: 25-09-2023

S. No	Mandatory Provision / Eligibility	Total Marks		M/s. Anets Cyber Solution
1		Total Marks	M/s. M M Coporation	100.7200
	2	3	13	14
4.1	Short-Throw Multimedia Projector 3000ANSI Lumens with WXGA Resolution, 3rd generation LED Technology Light source life (hours) with normal mode upto 30,000 Throw Ratio 49, Throw Dis 0 63M-1.58 Meter.		InFOCUS Professional Series IN1156 Short-Throw Multimedia Projector 3000ANSI Lumens with WXGA Resolution,3rd generation LED Technology Light source life (hours) with normal mode upto 30,000 Throw Ratio 49, Throw Dis 0.63M-1.58 Meter.	Not Quoted
5	Photocopiers		Photocopiers	Photocopiers
5.1 M	Speed: 55 PPM Max monthly duty cycle: 350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper size 11 x 17" Max paper weight: 110 lb. Index Original size 11 x 17" Supplexing: Standards Jetwork connectivity: Opt Print10/100Base Tx, Opt.san10/100Base TX		Cannon IR ADV Dx 6855i Speed .55 PPM Max monthly duty cycle .350,000 pages per month Resolution copy 600x600 dpi Printer: Fast 1200 Mode Standard paper supply 1500 x2 550 x2 100 sheet MPT Max paper size 11 x 17" Max paper weight: 110 B. Index Original size 11 x 17" Duplexing: Standards Network connectivity: Opt Print10/100Base Tx, Opt_san10/100Base TX	Not Quoted
6.0 Sc	Anner	5	Scanner	Scanner
6.1 Incl	uiversal Flatbod scanner scans up to 40 ppm/80 IPM tical resolution, 600dpi scan to text ,PDF luding 50 pages ADF and one-touch scanning custom setting small and slim ktop design.	lu o	PLUSTEK Smart Office PL 4080 Universal Flatbed scanner scans up to 40 ppm/80 IPM putcal resolution: 600dpi scan to text PDF schuling 50 pages ADF and one-touch scanning custom setting small and slim desktop design.	Not Quoted
7.0 Inte	rractive Screens 65"	In	teractive Scroma 65"	Interactive Screens 65"
Department of the control of the con	Parktive Screens 65** LED Backlight Texer resolution. 8K Ultra-HD or higher solution. 7680 × 4320 beration System. X86 Android 11 and Windows 11 dual system texture. Interesting texture of the solution of the solution of the solution II. 11 ft Gen Intel Core is mory. 16GB II. en Storage/ROM: 256 GB ch Type: Touch screen sis: 2mm thick th Point: 20-point I: 33 million. 4x digital zoom ones Time: < 12 ms th Height: 2.5mm faces: HDMI IN *1 (MAX 4K@60 Hz), Audio LINE IN *1, HDMI 1, USB 3.0 on rear panel *3, Type-C Port *1 prickup distance must be up to 8m or higher standard: IEEE 802.11a/b/g//ac/ax include Bluetooth 5.0 mera with auto exposure feature must be included. Camera mounting must be pluggable sis severen transuriter must be included.	H 11 11 11 - (- F - (- N - B - T - G - T - F - R - T - R - T - M - Mu - Mu - Mu - 4K - Wi	3C S6512C Cloud Touchscreen Appliance i5-1135G7/16GB/256GB SSD/ Windows 11 IOT ENT+Android Zuma (overseas/Version) Display Size: 53 or higher D-LED Backlight Screen resolution: 8K Ultra-HD or higher Resolution: 6K Ultra-HD or higher Resolution: 7680 × 4320 Dyernion System: X86 Android 11 and Windows 11 dual system architecture. Fitting technology: Full Fit FUI: 11th Gen Intel Core i5 demory: 16GB luilt-ia Storage/ROM: 256 GB outh Type: Touch screen lass: 2mm thick outh Foint: 20-point such 33 million 4x digital zoom sponse Time: < 12 ms tech Height: 2.5 mm crfaces: HDMI IN × 1 (MAX 4K@60 Hz), Audio LINE IN × 1, HDMI OUT × 1, Audio LINE OUT × 1, RI45 net Ports × 2, USB 3.0 on front panel × 1, USB 3.0 on rear panel × 3, Type-C Port × 1 dio pickup distance must be up to 8 m or higher	Hikvion (DS-D5B65RB/D) Display Size: 65° or higher D-LED Backlight Screen resolution: 8K Ultra-HD or higher Resolution: 7680 × 4320 Operation System: X86 Android 11 and Windows 11 dual system architecture. Fitting technology: Full Fit CPU: 11th Gen Intel Core 15 Memory: 16GB Built-in Storage/ROM: 256 GB Built-in Storage/ROM: 256 GB Touch Type: Touch screen Glass: 2mm thick Touch Point: 20-point Pixel: 33 million. 4x digital zoom Response Time: < 12 ms Touch Height 2.5mm Interfaces: HDMI IN × 1 (MAX 4K@60 Hz), Audio LINE IN × 1, HDMI OUT × 1, Audio LINE OUT × 1, RJ45 Ethernet Ports × 2, USB 3.0 on front panel × 1, USB 3.0 on ear panel × 3, Type-C Port × 1 Audio pickup distance must be up to 8m or higher Wi-Fi standard: IEEE 802.11a/b/g/n/ac/ax Must include Bluetooth 5.0 4K Camera with auto exposure feature must be included. Camera mounting method

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Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

	Date of Technical Proposal Opening: 25-09-2025						
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coperation	M/s. Ancis Cyber Solution			
1	2	3	IJ	14			
	LOT NO.2		LOT NO.2	LOT NO.2			
1.0	OMR Scanner		OMR Scanner	OMR Scanner			
13			Kodak alaria S 3120 Resding speed: Approx x 3500 pages Form Input: 500 forms Communication interface: USB 2 0 / RS-232C serial interface, Reading Head; Pen Pencil and all standard options, OMR-Reading software: Remarks Classic.				
	LOT No. 3		LOT No. 3	LOT No. 3			
1.0	Uninterruptible Power Supply (UPS) & Electric DB.		Uninterruptible Power Supply (UPS) & Electric DB.	Uninterruptible Power Supply (UPS) & Electric DB.			
1.1	UPS True On-Line, 3kVA, Lithium-ion, Rack mount 4U, 230V, 6 EC C13 + 1 EC C19 outlets, Intelligent Card Slot, Extended runtime, W/ rail kit complete.		ATTOM U003R11H UPS True On-Line, 3kVA, Lithium-ion, Rack mount 4U, 230V, 6 IEC C13 + 1 IEC C19 outlets, Intelligent Card Slot, Extended runtime, W/ rail kit complete.	Not Quoted			
1.2	UPS True On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3- wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete.		ATTOM U010R11II UPS True On-Line, 10kVA/10kW, Rackmount 5U, 230V; Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete.	Not Quoted			
	UPS True On-Line, 20kVA/20kW, Rackmount 230V, Hard wire 3- wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete.		ATTOM U020RJ3II UPS True On-Line, 20kVA/20kW, Ruckmount 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/Rail Kit Complete.	Not Quoted			
1.4	32 Amps Industrial socket 3 pins (Pair) for Racks		Clipsal 32 Amps Industrial socket 3 pins (Pair) for Racks	Not Quoted			
1.5	6 Sqmm x 3C electric cable (RM) Rack		Pak Cable 6 Squun x 3C electric cable (RM) Rock	Not Quoted			
1.6	60 Amps Industrial socket 5 pins (Pair) for UPS (SCHNEIDER or equivalent)		Clipsal 60 Anges Industrial socket 5 pins (Pair) for UPS (SCHNEIDER or equivalent)	Not Quoted			
1.7	16Squm x 4C electric cable (RM) UPS		Pak Cable 16Squun x 4C electric cable (RM) UPS	Not Quoted			
1.8	UPS Distribution box		UPS Distribution box	UPS Distribution box			
	UPS Distribution Box (Output) DB DB Box size 24x45x8" Phase LED — 3 Voltage meter — 3 450 Amps triple pole breaker (TP) -1 66 Amps triple pole TP UPS Input)-6 (SCHNEIDER / TERASAKI/ ABB or equivalent)		UFS Distribution Box (Output) DB (SCHNEIDER / TERASAKI/ ABB DB Box suze 24x45x8" Phase LED —— 3 Voltage meter —— 3 450 Amps triple pole breaker (TP) -1 60 Amps triple pole TP UPS Imput)-6	Not Quoted			

Doc # LUMHS/PMU/563, Issue Date:31-08-2023

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NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC PROPERTY OF A CADEMIC PROPERTY OF THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

Date of Technical Proposal Opening: 25-09-2023

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S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coporation	M/s. Ancis Cyber Solution		
1	2	3	13	14		
1.9	UPS Distribution Box (Input) DB DB Box size 24x45x8" Phase LED — 3 Voltage meter — 3 700 Amps triple pole breaker (TP) -1 60 Amps triple pole TP UPS Input) - 10 (SCHNEIDER / TERASAKI/ ABB or equivalent)		UPS Distribution Box (Input) DB SCINEIDER / TERASAKI/ ABB DB Box size 24x45x8" Phase LED — 3 Voltage meter — 3 700 Armst triple pole breaker (TP) -1 60 Armst triple pole TP UPS Imput)-10)	Not Quoted		
1.10	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals.(Services)		Testing and commissioning of all above items termination and connectivity at both ends including submission of detailed test report from the Principals (Services)	Not Quoted		
2.0	Passive Network		Passive Network	Passive Network		
2.1	CAT-6, UTP, 23AWG, LSOH, Delta-EC certified, cables, for data from Com Rack to each workstation in already laid 25 mm dia PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coil) (3M/SCHNEIDER/LEVINTON or equivalent)		VIVANCO CAT-6, UTP, 23AWG, LSOH, Delta- EC certified, cables, for data from Com Rack to each workstation in already laid 25 mm dia PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coil) (3M/SCHNEIDER/LEVINTON or equivalent)	DS-ILN6-UE-W CAT-6, UTP, 23AWG, LSOH, Delta-EC certified, cables, for data from Com Rack to each workstation in already bid 25 mm dis PVC conduit, channel or trench as per drawings including termination and tagging at both ends. Complete in all respects. (Coll) 15U wall mountable rack, \$40mm x500mm (Double Section with PDUs(12 port flat pin UK type 13 amp)ouble Section) with PDUs (24 Port Flat pin UK Type 13 Amp		
2.2	Sumplex UK style angled Face plate with 1 No. CAT-6 UTP RJ-45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.		VIVANCO Simplex UK style angled Face plate with 1 No. CAT-6 UTP RJ-45 I/O durability 30 termination cycle. Complete with shuttered click-ins, labels, contact resistance not more than 20M ohms and all accessories but including back box.	Not Quoted		
2.3	CAT-6, Patch Panels 24 port equipped with RJ-45 I/Oschurability 30 termination cycles. Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.		VIVANCO (CAT-6, Patch Panels 24 port equipped with RJ-45 I/Osdurability 30 termination cycles. Data communication system with cable organizer including all labelling and all mounting accessories. Complete in all respects.	Not Quoted		
2.4	Supply of RM 19' Cable Manger		VIVANCO Supply of RM 19' Cable Manger	Not Quoted		
2.5	CAT-6,UTP PVC factory certified patch cords 1 meter long having RJ-45 connectors at both ends for data communication. (3M/Equ)		VIVANCO CAT-6-UTP PVC factory certified patch cords 1 meter long having RJ-45 connectors at both ends for data communication. (3M/Equ)	Not Quoted		
2.6	CAT-6,UTP PVC factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication. (3M/equ)		VIVANCO CAT-6, UTP PVC factory certified patch cords 3 meter long having RJ-45 connectors at both ends for data communication, (3M/equ)	Not Quoted		
2.7	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	Not Quoted		
3.0	Optical Fiber Passive Network		Optical Fiber Passive Network	Optical Fiber Passive Network		
3,1	Fiber Patch Cord Duplex LC/PC, LC/PC Patch Cord OM3Cord 10meters.		VIVANCO Fiber Patch Cord Duplex LC/FC. LC/FC Patch Cord OM3Cord 10meters.	Not Quoted		
3.2	Fiber Patch Card Duplex LC/PC-LC/PC Patch Cord 052LSZH, 3 Meters.		VIVANCO Fiber Patch Card Duplex LC/PC- LC/PC Patch Cord 052LSZH, 3 Meters.	Not Quoted		
3.3	Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape.		VIVANCO Fiber Optic Armored 6Core SO2 Cable Single Mode with Steel Tape.	Not Quoted		

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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

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S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coperation	M/s. Anets Cyber Solution
1	2	3	13	14
3.4	Fiber optic 6 Core Multimode OM3 indoor cables. (RM)		VIVANCO Fiber optic 6 Core Multimode OM3 Indoor cables. (RM.)	Not Quoted
3.5	48 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Nos of LC Duplex Adaptor and 48 Nos of LC Pigtails.		VIVANCO 48 Ports Back Mountable Fiber Optic Patch Panel OFDF Loaded with 48 Not of LC Duplex Adaptor and 48 Not of LC Pigtails.	Not Quoted
3.6	24 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Pigtails.		VIVANCO 24 Forts Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 24 Nos of LC Duplex Adaptor and 24 Nos of LC Piptails	Not Quoted
3.7	12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Pigtails.		VIVANCO 12 Ports Rack Mountable Fiber Optic Patch Panel OFDF Loaded with 12 Nos of LC Duplex Adaptor and 12 Nos of LC Pigtalls LC Pigtalls	Not Quoted
3.8	15U Wall Mourtable Rack, 540mmx500mm (Double Section) with PDUs (12 port flat pin UK Type 13AMP)		SMARTER 15U Wall Mountable Rack, 540mm;500mm (Double Section) with PDUs (12 port flat pin UK Type 13AMP)	Not Quoted
3.9	42U Data Rack 800mmx1000mm (Double Section) with PDUs (24 port flat pin UK Type 13AMP)		SMARTER 42U Data Rack 800mmx 1000mm (Double Section) with PDUs (24 port flat pin UK Type 13AMP)	Not Quoted
3,10	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)		Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed test report from the Principals (Services)	Not Quoted
4.0	Active Network Cisco/Huawei or Equivalent		Active Network Haawei	Active Network Huawei
4.1	24 Port Distribution Switch 24 Port SFP+ Supported Redundant Power Supply amust dual core, RAM 1 GB or higher Flash 512MB orhigher, Qos Support embedded free NMS, At least 03Years equipment replacement Warranty.		Not Quoted	H3C S6520X-26C-SI L3 Ethernet Switch with 24°1G/10G Base-X SFP Plus Ports and 1°Slot, Without Power Supplies ASSY,CORD,AC, IEC TO IEC 75W AC Pluggable Power Supply Module Single Cable, Console Serial Port Cable, 1.8m,D9F,28UI_20276(4P) (P296U),MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT

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Doc # LUMHS/PMU/563, Issue Date:31-08-2023

SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIS, JAMSHORO"

	Date of Technical Proposal Opening: 25-09-2023					
S. No	Mandatary Provision / Eligibility	Total Marka	M/⊾ M M Caparation	M/s. Aacts Cyber Solution		
1	2	3	13	14		
42	48 Port Switch 48 Port with 4 SFP+ Supported (Non-POE) NMS supported, At least 03 Years equipment replacement warranty		Not Quoted	48 Port Switch IBC SS170-54S-EI L2 Ethernet Switch with LS-5170-54S-EI-GL 48*10/100/1000BASE-T Ports and 6*1G/10G BASE-X SFP Plus Ports, (AC) Single Cable, Console Serial Port Cable, 1.8m, D9P_28UI_20276(4P)(P296U),MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT		
ø	24 Port Switch 24GE Port with 4 SFP+ Supported (Non-POE) NMS supported, At least 03 Years equipment replacement warranty.		Not Quoted	24 Port Switch II3C S5170-28S-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports, (AC) Single Cable, Console Serial Port Cable, 1 8m, D9F,28UL20276(4P)(P296U),MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT		
	24 Port Switch 24 GP. Port with 4 SFP+ Supported POE, NMS supported, At least 03 Years equipment replacement warranty		Not Quoted	24 Port Switch HJC SSJ70-28S-HPWR-EI L2 Ethernet Switch with 24°10/100/1000BASE-T Ports and 4°1G/10G BASE-X SFP Plus Ports, (AC), PeE+ Single Cable, Console Serial Port Cable, 18m_D9F,28UL20276(4P) (P296U), MPH-8P8C CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT NT		
45	SFP-10G- LR Single mode		Not Quoted	ISC SFF-XG-LX-5M1310 SFP+ Module(1310nm, 10km,LC) INT TI-Foundation Basic Service 1Y 5x9 Next Business Day- 5, INT		





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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

			Date of Technical Proposal Opening: 25-09-2023	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coporation	M/s. Anets Cyber Solution
1	2	3	13	14
4.6	SFP-10G-SR Multimode		Not Quoted	IBC SFP-XG-SX-MM850-A SFP+ Module(850nm, 300m,LC) -INT CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT
5.0	Wireless (Access Point) Cisco/Huzwei or Equivalent		Wireless (Access Point) Cisco/Hunwei or Equivalent	Wireless (Access Point) Haswei
51	802.11 AC Enterprise WiFi Access Points POE Based		Not Quoted	H3C H3C WA6320 Internal Antennas 4 Streams Dual Radio 802.11st/sc/n Access Point, FIT CT-Foundation Basic Service 1Y 5x9 Next Business Day- S, INT
6.0	Rack Server - HP / Dell or Equivalent 202 Socket	-	Rack Server - HP / Dell or Equivalent 202 Socket	Rack Server EDC R4900GS5 Rack Server
6.1	Device : 2 Socket Rack Mounted Server		Device : 2 Socket Rack Mounted Server	Device : 2 Socket Rack Mounted Server
62	Processor 2x Intel -Xeon Silver 43101 2.3G, 10C/20T, 10 4GT/s, 15M Cache Equivalent or Higher		Not Quoted	R4900GSS Rack Server H3C UniServer R4900 G5 SFF CTO Server H3C UniServer R4900 G5 4314(2.4GHz/16Coresz/24MB/135W)CFU Module ASSY,CORD,AC, IEC TO IEC G5 2U 6038 Fan Module (CTO&BTO) G5 Front 2*M.2 2280/22110 Riser Module (CTO&BTO) 2-G5 G5 2U X16X8X8 Riser(Slot1/2)(Supporting 2*FHFL and 1*FHHIL, Supporting 1*300W GFU)(CTO&BTO) 12Gb 2 Ports SAS RAID Controller(With 4GB Cache, Supporting 8 SAS Ports, PCIe, No Supercapacitor) (FIO) 2-Port 10GE Fiber Interface Ethernet Adapter(SFP+)- 530F-B2 ower Cable with straight mode connector(3m,type G), for England ASSY,CORD,AC, IEC TO IEC HMB(6*1)1.25,UL2835,HMB(6*1)1.25 G5 2U 6038 Fan Module (CTO&BTO) G5 Front 2*M.2 2280/22110 Riser Module (CTO&BTO) H3C UniServer G5 2U Mounting Bracket Kit(For Use with Intelligent Scority Dezel) (CTO&BTO)

Method & Procedure of Procurement: Single Stage - Two Envelope) Method & Procedure of Procurement: Single Si & UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMHS, JAMSHORO"

Technical Proposal Opening: 25-09-2023

			Date of Technical Proposal Opening: 25-09-2023	
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coporation	M/s. Anets Cyber Solution
1	2	3	13	14
6.3	Memory: 8 x 16GB RDIMM, 3200MT/s, Dual Rank, ECC Registered Memory - Equivalent or Higher.		Not Quoted	H3C Server Installation and Startup Service, Global Version H3C R4900 G5 Custom Module for Special International Delivery Module (CMCTO)
	M.2 Card: 1 x BOSS Card/2x240GB SSD M.2 SATA		Not Quoted	Hactivery Module (CAVICTO) 480GB SATA RI ER2GD M.2 SSD Module(CMCTO) 2U Cable Management Bracket H3C UniServer G5 2U Intelligent Security
6.5	Disk :6x 1.92TB SSD SAS 2.5* 12Gbps ReadIntensive-PM6 in 3.5* Adapter 2.5* Equivalent or Higher MAX support 25 Disk Bays, Minimum 8, SAS 10K,15K RPM, 12Gbps, equivalentor higher, Also should support M.2 with separate RAID card for OS Boot and Various other Disk Such as, NI_SAS, SSD SAS/SATA, PCI NVME.		Not Quoted	Bezel (CTO&BTO) G5 2U/IU Ball Bearing Rail Kit(CTO&BTO)
6.6	RAID Controller: Storage Controller RAID Controller 9460-8i PCI RAID, 4GB Cache Supports RAID 0, 1, 10, 5, 50, 6, or 60, optional supercapacitor for cache datapower failure protection, RAID level migration, drive roaming, self-diagnosis, and remote web-based configuration.		Not Quoted	
6.7	Network Adapter :4x GE port AVAGO and XP332 INTEL 4*10GE Optical Interface NIC(Intel XL710 Chipset)(With 4pcs Multi-mode Optical Transceiver) or Higher Provides expansion capability of multiple types of networks. Provides the OCP3.0 network adapter. The two FlexIO card slots support two OCP 3.0 network adapters respectively, which can be configured as required. Hots swappable function supported.		Not Quoted	
6.3	Power Supply : Redundant hot-swappable high efficiency ACpower supply or higher in full configuration.		Not Quoted	
6.9	Stability: Support long-term operating temperature under specific conditions.		Not Quoted	





SSPRA ID # T01773-23-0001 Dated: 07-09-2023

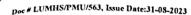
Method & Procedure of Procurement: Single Stage - Two Envelope)
& UP GRADATION OF ACADEMIC, RESEARCH AND INSTALLATION OF IT / COMPUTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING
& UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMIIS, JAMSHORO"

			Date of Technical Proposal Opening: 25-09-2023		
S. No	Mandatory Provision / Eligibility	_		M/s. Anets Cyber Solution	
1		Total Marks	M/L M M Coporation	14	
	Manageability and maintainability:	3	13		
6.10	- Automatically restarts servers - Monitors and controls fan modules, power supplies, and temperature		Not Quoted		
	Compatibility Supports mainstream operating systems, such as Microsoft Windows Server, SUSE Linux Enterprise Server, VMware ESXi, Red Hat Enterprise Linux, CentOS, Oracle Linux, Ubuntu, Debian, openEuler, etc.		Not Quoted		
6.12	Reliability: Long-term operating temperature: 5°C to 45°C (41°F to 113°F) (ASHRAE Classes Al to A4 compliant)		Not Quoted		
7.0	FM 200 fire suppression system for Data Center		FM 200 fire suppression system for Data Center		
7.1	MECHANICAL PART: Cylinder 27 Liters Valve included Manual Operated Actuator 24 Vdz. Solenoid valve Wall Mounting Bracket Discharge Hose and Adapter TPED CERTIFICATED SEAMLESS STEEL CYLINDER 40Ltr		Not Quoted	Not Quoted	
	Low pressure switch		Not Quoted	Not Quoted	
7.3	HFC-227ea FM200 gas UL/FM listed. Per KG Prices. Room Size: L 12' x W 14' x H 12' RF 12" (Kg.)		Not Quoted	Not Quoted	
7.4	CENTRAL NOZZIE		Not Quoted	Not Quoted	
7.5	CAUTION-ROOM PROTECTED		Not Quoted	Not Quoted	
	2 zone EP extinguishant control panel (to BS/EN12094-1) c/w 3A EN54-4 PSU & 128 x64 pixel graphical LCD display, LPCB Approved - Branded		Not Quoted	Not Quoted	
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SSPRA ID # T01773-23-0001 Dated: 07-09-2023

Method & Procedure of Procurement: Single Stage - Two Envelope)
& UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITES AT LUMHS, JAMSHORO"

	LOMHS, JAMSHORO"				
	Date of Technical Proposal Opening: 25-09-2023				
S. No	Mandatory Provision / Eligibility	Total Marks	M/s. M M Coporation	M/s. Anets Cyber Solution	
1	2			14	
7.7		3	13		
7.7	12V7ah battery		Not Quoted	Not Quoted	
7.8	Approved EN54, LPCB, CE Multi-Purpose Smoke Detector with base.			Not Quoted	
7.9	Voltage range: 12 – 30V DC. Sensitivity Setting: Comply to EN54 Remote Indicating Lamp. CE, UL		Not Quoted	Not Quoted	
7.10	Electronic Sounder		Not Quoted	Not Quoted	
7.11	Electronic Sounder with Flasher		Not Quoted	Not Quoted	
7.12	Manual call point for Gas Release		Not Quoted	Not Quoted	
7.13	Velley Extension for Gas Release		Not Quoted	Not Quoted	
7.14	Yellow Extinguishant Abort button with back box		Not Quoted	Not Quoted	
	Yellow Extinguishant Abort button with back box		Not Quoted		
7.15	PSTN/GSM communicator and reserve line generator. Dialler feature manages 10 telephone numbers and provides 10 editable message slots.	7	Not Quoted	Not Quoted	
7.16	1" schedule 40 pipe with accessories (RFT)			Not Quoted	
7.17	Installation and commissioning of all above FM200 system (Job)		Not Quoted Not Quoted	Not Quoted	
8.0	Access Control System			Access Control System	
8.1	One touch, that's all it takes for access control with biometric reader that offer the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand.		Access Control System Not Quoted	Not Quoted	
8.2	Electric magnetic lock with holding force 500lbs with enclosure.		Not Quoted	Not Quoted	
8.3	Centralized controller: 100,000 cards and 300,000 events storage Communication via TCP/TP, ISUP5 0 and RS-485 1SAPL, OSDP supported 10 reader access control Alarm input/output and alarm event upload RS-485 interface and Wiegand interface for accessing card reader 10/1249 Sandard Qualified Supports battery access		Not Quoted	Not Quoted	
84 6	Testing and commissioning of all above items termination and connectivity at both ends, including submission of detailed est report from the Principals. (Services)		Not Quoted	Not Quoted	
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ther # 1.1 MHS/PMU/563, Janus Date-31-08-2023

SUPPLY ID 4 FOR " 3.23 MINE Daniel IT 30, 1973

NAME OF WORK: "PROCUREMENT, SUPPLY AND INSTALLATION OF IT / COMPLTER BASED EQUIPMENT FOR EXAMINATION CENTER, UNDER THE PROJECT TITLE STRENTHENING A UP GRADATION OF ACADEMIC, RESEARCH AND SPORTS FACILITIES AT LUMBS, JAMSHORO'

* No		Date of Technical Proposal Opening: 25-09-2023			
1	Mandators Provision / Eligibility	Total Marks	Mis. of M. Coperation	Milk Asset Cyber Salariae	
	7	,	D	14	
Nin	Oughified in Items		Last # 3 Down # 1 (1.15) Down # 2 (2.15) Down # 3 (2.15) Down # 4 (4.15) Down # 5 (5.15) Down # 6 (6.15) Down # 6 (6.15) Down # 7 (2.15) Last # 3 Down # 1 (1.15) Down # 2 (2.15) Down # 2 (2.15) Down # 3 (3.15) Down # 3 (3.15)	Equilibrial 12 (2.1.1) There of 2 (2.1.1) There of 4 (2.1.1) There of 3 (3.1.1) There of 5 (3.1.1)	
0 2 1	Documents evidence of (05) procurement in completed and certificate of toffectors completion of works by the employees 18 Marks 1.5 are of Supplies in progress indicating cost of each work and copy of letter, aroung the work. 10 Marks	25	25	15	
-	Sub Total Marks	65	50	50	
+	Grand Total Marks	100	80	72	
Note	Minimum 70 Marks are required to qualify for financial opening				

Director (P & D)/Works, MUET, JamshoroExternal Member

Mr. Nadeem Shales Director Finan LUMHS, Jamah

Assistant Engineer, SABS University, James



