COMPARATIVE STATEMENT

"Supply, Installation and Commissioning of CCTV Surveillance System and Networking at The University of Agriculture Peshawar under Boundary Wall Project"

Sr. No.	Item/Specifications	Qty	M/S. Vital International, Lahore			M/S. Global Links, Peshawar		
			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
1	**OUTDOOR FIX CAMERA** • 5 MP • Minimum 2048 × 1536 and 25/30fps • 0.005 Lux @(F1.2,AGC ON), 0 Lux with IR • D-WDR, Day/Night (ICR), 3D-DNR, AWB, BLC • Bit rate : 32 Kbps ~ 16 Mbps • ONVIF, ISAPI • H.265+/ H.264+ & MPEG dual-stream encoding • IR range 80 m or higher • IP66 rating or Higher • Power: 12 VDC or Poe (802.3af)	50	BRAND : DAHUA TECH (CHINA) MODEL : IPC-HFW4631T-ASE	24,490	1,224,500	Model:DS-2CD2T55FWD-I8 Brand: Hikvision	18,295.73	914,786.50
	OUTDOOR FIX CAMERA • 5 MP • Minimum 2048 × 1536 and 25/30fps • Varifocal Motorize (Auto Focus) • 0.005 Lux @(F1.2,AGC ON), 0 Lux with IR • D-WDR, Day/Night (ICR), 3D-DNR, AWB, BLC • Bit rate : 32 Kbps ~ 16 Mbps • ONVIF, ISAPI	20	BRAND : DAHUA TECH (CHINA) MODEL : IPC-HFW5631E-Z5	40,950	819,000	Model:DS-2CD2655FWD-IZ8S Brand: Hikvision	31,911.17	638,223.40

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
	• H.265+/ H.264+ & MPEG dual-stream encoding • IR range 80 m or higher • IP66 rating or Higher • Power: 12 VDC or Poe (802.3af)							
2	**OUTDOOR PTZ CAMERA** • 5 MP Network Speed Dome with at least 30X optical zoom capability • 1/3" high-performance progressive-scan CMOS; a minimum resolution of 1920 x 1080 • built-in IR range minimum to 150 meters • Ingress Protection level: IP66 or Higher • Support IP address Filtering, 802.1x authentication; • WDR, Day/Night(ICR), Ultra DNR • Max 240°/span speed, 360° endless pan rotation • PTZ Camera Bracket	25	BRAND : DAHUA TECH (CHINA) MODEL : DH-SD6AE830V-HNI	210,600	5,265,000	Model:DS-2DE7530IW-AE Brand: Hikvision	130,481.21	3,262,030.25
3	**JOYSTICK CONTROLLER** • 3 Dimensional Joystick Control of PTZ Functions • Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control	02	BRAND : DAHUA TECH (CHINA) MODEL : DH-NKB3000	155,000	310,000	Model:DS1100Ki Brand: Hikvision	100,697.45	201,394.90

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Sr. No.	Item/Specifications	Qty	M/S. Vital International, Lahore			M/S. Global Links, Peshawar		
			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
	• Full HD 1080p live view; Support HDMI & VGA sync output • Auxiliary Functions • Network Video Server • On-Screen Menu & User Operation Procedure Tips • Connect VMS via USB							
4	**NETWORK VIDEO RECORDER** • 32 Ch. with Full HD / 4K Real-time Live View • H.265/ H.264/MPEG dual codec decoding • Up to 6Mp resolution preview & playback • Max 200Mbps incoming bandwidth • 4TBx 4 SATA HDDs up to 16TB(Minimum), 1 eSATA up to 16TB, 2 USB(1 USB3.0) • HDMI / VGA / TV simultaneous video output • Support Multi-brand network cameras • ONVIF conformance	04	BRAND : DAHUA TECH (CHINA) MODEL : DHI-NVR5432-4KS2	150,000	600,000	Model:DS-7732NI-K4 Brand: Hikvision	143,245.67	572,982.68

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Sr. No.	Item/Specifications	Qty	M/S. Vital International, Lahore			M/S. Global Links, Peshawar		
			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
5	**RECORDING & MANAGEMENT PLATFORM: SERVER COMPUTER / AUTHENTICATION SERVER** TPM Mother Board, 2X Intel Xeon E5-2620 V2 2.10 GHz, 15M Cache, 7.2GT/s QPI, Turbo, HT, 6C, 80W, 3.5" Chassis with up to 8 Hard Drives Or 16 Hard Drives 2.5" Chassis,16GB Memory (2X8GB) RDIMM, 1600MT/s Low Volt, Single Rank, x4 Data Width, 5x 300GB 15K RPM SAS 6 Gbps 3.5in Hot-plug Hard Drive, Integrated RAID Controller, 512 MB NV Cache, Mini-Type, 2 x Heat sink for Server, DVD+/- RW ROM, SATA, Internal, Dual, Hot-plug, Redundant Power Supply (1+1), 1100W, 2x jumper Cord 12A 4M C13/C14 (APCC Countries except ANZ), Broadcom 5720 QP 1GB Network Daughter Card, 2U Cable Management Arm with Ready Rails 2U RAID 5, USB Optical Mouse and Keyboard, 2U Rack Form Factor, 20-Inch LED Display, 3 Years Manufacturer Limited Warranty.	02	Model/Brand : Lenovo SR650/Dell, Power Edge R730	1,125,000	2,250,000	Platform Dell	907,695.36	1,815,390.72
6	**60 INCH LED SCREEN with wall mount** • Display Resolution Full HD/4K • Screen Format TV: Auto Wide/ Full/ Normal/ Wide Zoom/ Zoom • Picture Mode Vivid, Standard, Custom, Cinema, Photo, Sports, Game, Graphics • USB Ports, HDMI Ports	05	BRAND: ORIENT/EQUIVALENT	149,000	745,000	Model:LE65K6000U 65" 4K LED Brand: Haier	148,918.77	744,593.85

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
7a	**UPS** • Branded UPS 3000VA 230V with 2x200 AMH Dry/Gel battery pack and IEC socket	08	UPS BRAND : HOMAGE/CROWN/ EQUIVALENT BATT. BRAND : HOMAGE/ EQUIVALENT	135,000	1,080,000	Model: Brit-Sine 3kVA UPS Brand: Brit-Sine	155,645.64	1,245,165.12
7b	• Branded UPS 2000VA 230V with 2x100 AMH Dry/Gel battery pack and IEC socket	20		90,000	1,800,000	Model: Brit-Sine 2kVA UPS Brand: Brit-Sine	76,125.86	1,522,517.20
8a	**Poles for Cameras** • 20 Feet Pole plus 5 Feet J Mount, plus 4 Feet In-ground Angle Iron Base, 1" Square MS 4 Pipes Frame, Weatherproof Finish, including Delivery, Civil works and Installation	25	BRAND : GENERIC (LOCAL)	35,000	875,000	Brand: OEM	21,274.11	531,852.75
8b	• 10 Feet Mini pole/ Brackets Reinforcement plate base horizontal/vertical, nut bolts	20		25,000	500,000	Brand: OEM	14,182.74	283,654.80
9	**Power Cable** 2.5mm2, 2 Core, Cu/PVC/PVC Power Cable	20500 Ft	BRAND : AGE CABLE/EQUIVALENT	40	820,000	Brand: Pakistan Cable	46.80	959,400.00

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
10	**PVC Conduit** 1"-1 1/2" Outer diameter or Dura Duct 16x25mm to conceal Power/CAT6 Cables including clamps, elbows, sockets etc along with installation	19675 Rft	PVC	39	767,325	Brand: Adamjee	28.37	558,179.75
11	**Installation, Testing, Commissioning**, Staff Training, Delivery and Programming and Handing Over of Complete System including two years on-site Support along with maintenance tool kit and drill machine (Branded)	LS		150,000	150,000		436,828.39	436,828.39
12	**Civil Work** Digging of ground, cutting of roads, reconstruction and patching after passive deployments	LS		150,000	150,000		1,115,590.69	1,115,590.69
13a	**Racks/ Cabinets** • 9U customized Rack mount Network outdoor Cabinet (Local Made) with additional galvanized metal casing of 16 gauge (with locking facility)	35	Local Made	11,400	399,000	Brand: OEM	18,153.91	635,386.85
13b	• 16U Rack mount Network Cabinet (Local Made)	08		14,200	113,600		17,019.29	136,154.32

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
13c	• 24U Rack mount Network Cabinet (Local Made)	01		35,000	35,000		31,202.03	31,202.03
14	**Power Cable** 4mm2, 2 Core, Double PVC Insulated Cu/PVC/PVC Power Cable	2000 Rft	Brand: AGE	69	138,000	Brand: Pakistan Cable	73.75	147,500.00
15a	**Fiber Optic Cable (Aerial)** Single Mode Aerial Fiber Optic Cable, 06 Core, HDPE Construction, with 2 High Tension Steel members for Aerial Hanging up to 100 Meters, Cable Ties, Nuts, Bolts, Screws, etc. complete as required.	14000 Rft (approx.)	Brand not mentioned	51	714,000	Brand: OEM	24.11	337,540.00
15b	**Fiber Optic Cable (buried armored)** Single Mode buried Fiber Optic Cable, 06 Core, HDPE Construction, Fiber Optic Laying depth 3 feet	5675 Rft (approx.)	Brand not mentioned	109	618,575	Brand: OEM	78.01	442,706.75
16	Fiber Optic Patch Cords, Joint Enclosures, Splicing Service, Hanging Materials, Signal Strength Verification, Clamps, Steel Wires etc.	200	Brand not mentioned	1500	300,000	Brand not mentioned	2,212.51	442,502.00
17	**8-PORT POE SWITCH** • 8 x 10/100 RJ45 Ports • 02 x SFP/RJ45 Ports (1 G Uplink Ports) • Switching Capacity 2.8 Gb/s at least • Should support ITU-T G.8032 ERP • Should support IEEE 802.1D/P/Q/ag • POE/POE+ Budget should be 115	25	BRAND: CISCO MODEL: SF302-8MP-K9/EQUIVALENT	64,000	1,600,000	Model:SF302-08MPP Brand: Cisco	48,221.32	1,205,533.00

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
18	**24-PORT NON-POE SWITCH** • 24 x 10/100/1000 Ports • 04 x SFP Ports (1 G Uplink Ports) • Frame Support = 9216 bytes • CLI, HTTP, RMON 1, RMON 2, SNMP 1, SNMP 2c, SNMP 3, SSH, TFTP, Telnet • forwarding performance (64-byte packet size), switching capacity = 216 Gbps, 71.4 Mbps	11	BRAND: CISCO MODEL: WS-C2960X-24TS-L/EQUIVALENT	165,000	1,815,000	Model:WS-C2960X-24TS-L Brand: Cisco	141,827.40	1,560,101.40
19	**24-PORT NON-POE SWITCH** • 24 x 10/100/1000 + 2 x combo Gigabit SFP + 2 x SFP • 04 x SFP+ Ports (1 G Uplink Ports) • ACL support, GVRP, LACP support, MSTP support, QoS, RSTP support, (STP) support, VLAN support • Capacity in mbps (64-byte packets)=41.67 • Switching Capacity (Gbps)= 72	06	BRAND: CISCO MODEL: SG-500-28/EQUIVALENT	75,000	450,000	Model:SG500-28-K9-EU Brand: Cisco	92,187.81	553,126.86
20	**Fiber Optic Core Switch** 22 x 10 G SFP Ports	01	BRAND: CISCO MODEL: SG350XG-24F/EQUIVALENT	550,000	550,000	Model:WS-C3850-24XS-S Brand: CISCO	921,878.1	921,878.10
21	**Fiber Optic Core Switch** 12 x 1 G SFP Ports	02	BRAND: CISCO MODEL: WS-C3750X-12S-S/EQUIVALENT	430,000	860,000	Model: CISCO Catalyst 3750X-12S-S Brand: CISCO	538,944.12	1,077,888.24

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
22	12 Port ODF Rack mount/wall mount	35	Brand/Model not mentioned	6,300	220,500	Brand: Baynet	10,353.40	362,369.00
23	1G SFP Single Mode Fiber Module	100	Brand: CISCO	5,500	550,000	Model: GLC-LH-SMD B Brand: CISCO	35,456.85	3,545,685.00
24	CAT 6 Ethernet Cable for IP Cameras including PVC or Dura Duct / including clamps, elbows, sockets etc. and (civil works not included) (Measurement based on Ethernet Cable)	17000 Rft	BRAND : DAHUA/EQUIVALENT	42	714,000	Model:DS-1LN6-UU Brand: Hikvision	34.04	578,680.00
25	**Branded Desktop Computer** • Processor: Intel Core i7 with latest Intel chipset • Ram/Memory: 8GB DDR4 or above • Graphic Card: 1 GB Dedicated card, • Hard Drive: 1 TB or above • Display: 18.5'' wide screen LED or above • Connectivity: 1000Mbps Ethernet Port & wifi Lan Card • USB Port: Minimum 2 Port 3.0 • DVD Combo Reader/Writer • Accessories: USB Keyboard and Mouse	05	BRAND : LENOVO Model: Ideacenter 510S	105,000	525,000	Model: Dell OptiPlex 5060MT Brand: Dell	138,190.80	690,954.00

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			Model	Unit Price (Rs.)	Total Price (Rs.)	Model	Unit Price (Rs.)	Total Price (Rs.)
26	Laptop(professional series) Core i-7 with latest Intel chipset, 16 GB DDR4 RAM, 1TB HDD SATA, 15,6' Screen Wi-Fi ,HDMI, USB 3.0, Giga LAN, Carrying case (Branded leather) with 2 TB External Passport Drive	06	BRAND : LENOVO Model: Ideapad 520	112,000	672,000	Model: Dell Latitude 5590 Brand: Dell	254,562	1,527,372.00
Financial Grand Total (Rs.)					**27,630,500**			**28,999,170.55**

Note: Three bidders namely (1) M/S. Vital International Lahore, (2) M/S. Global Links Peshawar and (3) M/S. Solutioners Consulting Services competed in the Technical Bid. M/S.Solutioners Consulting Services did not qualify the Technical part, therefore, the financial bid was opened for the remaining two qualified bidders only. Although, the financial bid was opened after the expiry of 90 days but both the qualified bidders graciously extended the validity of their quoted rates up to **May 31st, 2019.** The final result was also announced on the same day i.e. 16th May, 2019. As per Section 45 of KPPRA Rules 2014, contract shall be awarded to the successful bidder after the expiry of 10 days from the date of announcement of final result.

Formula for Calculation of Financial Score:

$$\frac{Lowest\ Price}{Price\ of\ Bid\ under\ onsideration} \times 40$$

Final Score:

S. No.	Name of Firm	Technical Bid Score	Financial Bid Score	Total Score
1.	M/S. Vital International, Lahore	31.0	40.0	**71.0**
2.	M/S. Global Links, Peshawar	43.5	38.1	**81.6**

Recommendation:

Based on Technical and Financial evaluations, **M/S Global Links Peshawar** has obtained highest score and is therefore, declared as successful bidder for the deployment of CCTV Surveillance and Networking System. Total cost of the project quoted by the successful bidder is Rs. **28,999,170.55**. As per approved PC-I, total budget of the project is Rs.28,969,000/-. Therefore, the total budget amount (Rs.28,969,000/-) plus the difference in amount quoted by the bidder and the budget amount (Rs.30,100.86) may kindly be approved.

Goods Procurement Committee (GPC):

Prof. Dr. Tahir Sarwar Convener GPC	Prof. Dr. Iqbal Munir Member GPC	Director P & D Member GPC	Director Finance Member GPC
Director Internal Audit Member GPC	Director Works Member GPC	Prof. Dr. Shah Alam Convener, Technical Committee	Mr. Amin Khan Secretary, Technical Committee

Store Officer
Secretary GPC

Dated: 16th May, 2019

Approved By: _____
Vice Chancellor

Al. Fallow KPPRA rules