MINUTES OF THE PRE-BID MEETING OF PROCUREMENT COMMITTEE OF CCTV SURVEILLANCE SYSTEM

Pre-Bid meeting of CCTV Surveillance System was held on 23.1.2023 at 11:00 am in the Conference Room of UOT, Nowshera.

Members of the Procurement Committee are as under:

1. Dr. Haider Ali, HOD ET & ELT/Chairman
2. Mr. Mehran Khan, Asstt: Director (Fin)/Member
3. Engr. Muhammad Lais, DD (P&D)/Member
4. Mr. Tauseef Ahmed, AD (Admin)/Member
5. Mr. Wajid Ali, ASA/Co-opted Member
6. Mr. Ghulam Farooq, Security Officer/Member
7. Mr. Abubkar Shinwari, Proc. Officer/Member

Representatives of prospective bidders attended the meeting. List attached.

Meeting started with few verses from the Holy Quran. The Chair welcomed all the participants and invited the representatives of prospective firms to ask questions. After hearing their questions, the Committee recommended the following amendments in the tender documents: -

1. The date for submission and opening of bids may be extended to 07.02.2023 instead of 31.01.2023 through national dailies.
2. Clause-1 of the special condition may be read as under: -
   i. "*Inspection of site is mandatory for bidders: to measure the actual length of cables/wires mentioned at s. no xiii, xiv and xix.*
   ii. *"To examine the site, its surroundings before submitting their bids.*
3. Response time of successful bidder in the context of warranted services at all, 24/7, shall be 6 hours from the reporting of the fault instead of 1 hour.
4. Clause U of ITB of the bidding documents may be read as follow:
   "*The procuring entity will evaluate and compare the bids. The successful bidder would be determined on the basis of lowest price offered for the entire lot meeting the specifications and other terms and conditions specified*".

ITEMS TEHCNICAL SPECIFICATIONS AND QUANTITIES

Specification of CCTV Surveillance system			
	ITEM	**Description**	**Qty**
I	Outdoor IP Bullet Camera	4 MP Fixed Bullet Network/IP Camera • 1/ 3" progressive CMOS sensor or above • Auto Focus, fixed lens • Max resolution (2688 × 1520@30fps) • H.265+/ H.264+ & MPEG dual-stream encoding or above • 120dB WDR • Behavior analyses(line crossing, motion	20

II	Indoor IP Bullet Camera	4 MP / 30M IR Fixed Network Camera • 1/3" CMOS • 2560 × 1440@20fps • fixed lens • H.265+ • Video Bit Rate : 32 Kbps to 8 Mbps • DWDR • Color: 0.028 Lux @ (F2.0, AGC ON) • BLC/HLC/3D DNR/ROI • IP67 • Should including mounting bracket & all fixing and mounting accessories.	20
III	Outdoor IP Bullet Camera	4 MP Fixed Bullet Network/IP Camera • 1/ 3" progressive CMOS sensor or above • Auto Focus, fixed lens • Max resolution (2688 × 1520@30fps) • H.265+/ H.264+ & MPEG dual-stream encoding or above • 120dB WDR • Behavior analyses(line crossing, motion detection, area detection, etc BLC/3D DNR/ROI/HLC, Day/Night (ICR), AWB • Support on-board storage • Minimum 80 meter IR range • Power: 12 VDC or PoE • IP-67 rating or above • Should including mounting bracket & all fixing and mounting accessories.	06
IV	Mouse and Key Board	Logitech G102 or equivalent Logitech or equivalent Keyboard to use with NVR/PC	2
V	32 Channel NVR	Embedded Plug & Play 4K NVR • Third-party network cameras supported • Up to 6 Megapixels resolution recording • Support 2-ch HDMI, 1-ch VGA, HMDI at up to 4K(3840x2160) resolution • 32-ch network cameras can be connected with 320M incoming bandwidth • Up to 4 SATA interfaces with Up to 10TB capacity for each HDD. • 2 USB (1 USB3.0) • Trigger events (Recording, Alarm Out, PTZ, Tour, Video Push, Email, FTP, Snap Shot, Buzzer & Snap Tips) Embedded Server Supported	2
VI	16 Channel NVR	Embedded Plug & Play 4K NVR • Third-party network cameras supported • Up to 6 Megapixels resolution recording • Support 2-ch HDMI, 1-ch VGA, HMDI at up to 4K(3840 × 2160) resolution • 16-ch network cameras can be connected with 160M incoming bandwidth • Up to 2 SATA interfaces with Up to 10TB capacity for each HDD. • 2 USB (1 USB3.0) • Trigger events (Recording, Alarm Out, Tour, Video Push, Email, FTP, Snap Shot, Buzzer & Snap Tips) Embedded Server Supported	1
VII	Hard Disk	4TB Hard Disk – Surveillance	9

VIII	LED Screen 43"	43" 4K LED Screen / monitor for prolonged 24/7 operations, with all necessary accessories and materials, complete in all respects. USB Port, HDMI Port, FULL Optional With wall mount and Installation	3
IX	Power Supply Switches	8 Port POE Giga Switch + 2ports combo. Support redundant dual DC Power, Single max PoE port power 30W & Total Power is 120W, DIN rail mounting.	10
X	Central Switch	16-Port 10/100/1000M gigabit Switch - 16 Port 10/100/1000 Mbps auto-negotiation RJ-45 ports. - IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x standards.	1
XI	Network Rack	42U Data Cabinet Network Rack, With 12 Port Rack Mountable PDU, Cable Manager, Tags	1
XII	Network Rack	2U Network rack for NVR, With 12 Port Rack Mountable PDU, Tags	1
XIII	Ethernet Cable	Type: Pure Copper 23AWG, GIGA speed, Capability: 1000m Data Carrier, 150m PoE Carrier allied accessories for installation / Meter (UL Listed cable & ISO Certificate) with pipe and ducting	As per actual
XIV	Fiber Optic Cable	Supply and installation of 2core Fiber Optic Cable with areal Laying and accessories, necessary pipe and ducting	As per actual
XV	Fiber Accessories	Branded media converter(pair) Gigabit 10/100/1000 04 port ODF 02 Core Fiber Splicing and Jointing with Service 03 Meter Fiber Patch card SC/SC	09
XVI	Pole	GI Pole 2inch dia length 7feet with T-bracket, inn pole structure with wall mount kit. Before deployment the design must be share	3
XVII	UPS with battery (for control room)	2 KVA hybrid UPS with branded 2*200 Ah Acidic Battery (27 plates) with installation and stand	1
XVIII	Waterproof Box	Waterproof Electronic Enclosure Box 250mm x 200mm x 150mm(metal)	10
XIX	Power Cable	2 Core Power Cable, 40/0.76 mm Pure Copper, Along with Installation and Allied Accessories (Pakistan cable or equivalent) with pipe and ducting	As per actual
XX	HDMI Cable	2.0V 5meter HDMI cable	03
XXI	USB Extension Cable	USB Extension Cable 3Meter	03
XXII	Power Socket/Extension Board	Power Socket/Extension Board	10

XXIII	Rj45 Connector	• 15u inch gold plated contacts • Support 1000 Base-T Ethernet • Compliant With ROHS Standard • 8 pins × 8 conductors	02 Boxes (100 Connectors per box)
XXIV	Complete installation	IP CCTV Camera and Cabling electric wiring Installation, Testing, Commissioning, Staff Training, Delivery and Traveling, Programming and Handing Over of Complete System. Installation also included the fitting material & poles wherever required	Job

The above amendments may be uploaded on University as well as KPPRA websites and may be made party of the bidding documents. A Corrigendum may be published in the national dailies.

The meeting then ended with a vote of thanks from and to the Chair.