



# Securities and Exchange Commission of Pakistan

63-NIC Building, Blue Area, Islamabad  
(Administration Department)

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**Subject: Request for Quotation – Replacement of existing video surveillance cameras at HO, CRO Lahore and CRO KHI DC**

The Commission intends replacement of existing video surveillance cameras at HO, CRO Lahore and CRO KHI DC as per TORs at Annex “A”.

## **Terms and Conditions:**

- **Price** must be inclusive of all taxes applicable by Govt. of Pakistan.
- **Quotation Validity** Minimum 90 Days from quoted date.
- **Quotation Submission deadline:** as per SECP Website.
- **Interested suppliers are required to quote for the complete job and not for any specific location.** Interested suppliers can quote any equivalent equipment/product of any brand in response to the above requirement. However quoted model/product **MUST** be compatible with the existing installations at SECP and required in TOR's.
- **Quotations shall be evaluated as per evaluation criteria mentioned at Annex “B”. Quotation found in compliance to all the **MUST** requirements of the evaluation and quoting lowest price for the complete job i.e. all locations, shall be selected.**
- Quantity required may increase or decrease, if applicable.
- SECP reserves its right to cancel the entire purchase process without assigning any reason.
- Clarification if any on the requirements may be obtained from:
  - [ubaidullah.khalid@secp.gov.pk](mailto:ubaidullah.khalid@secp.gov.pk)

**If you are interested, you may submit a sealed quotation for the above item/service to the undersigned within the specified period, at the following address:**

**SECP, 4<sup>th</sup> floor, 63 - NIC Building, Jinnah Avenue, Blue Area, Islamabad.**

With best regards,

M. Ubaidullah Khalid  
Deputy Director (Admin)

**TERMS OF REFERENCE**

IP Surveillance Camera solution for SECP Head Office, Karachi &amp; Lahore Data Centers

SR	REQUIREMENT	QUANTITY
1.	IP Camera with power adapters	12 (06x Islamabad, 03x Karachi, 03x Lahore)
2.	16 Channel NVR with power adapters	03 (01 each for Islamabad, Karachi, Lahore)
2.	Hard Disk Drive (SATA-III, Surveillance)	03 (4TBx Islamabad, 2TBx Karachi, 2TBx Lahore)

**DELIVERY & INSTALLATION INFORMATION :** The cameras to be delivered and installed at SECP Offices in Islamabad, Karachi & Lahore

**TECHNICAL SPECIFICATIONS**

Sr#	Item	Qty	Items Description & Required Specifications		Compliance Status (Filled by the bidder)
1	NVR	3	Processor	Dual-Core Processor	
			Operating System	Embedded Linux	
			Recording Compression	Smart H.265+/H.265	
			Recording Resolution	Up to 12Mega Pixel	
			Bit rate	16Kbps ~ 20Mbps Per Channel	
			Record Mode	Manual, Schedule, Stop	
			Video Detection	Motion Detection, MD Zones	
			Display Interface	1 HDMI, 1 VGA	
			Display Resolution	UP to 3840x2160	
			Display Split	1/4/8/9/16	
			Internal Storage HDD Supported	2 SATA III ports, up to 10TB Capacity for each HDD	
			USB Interface	2 Ports	
			Ethernet Port	1 RJ-45 ports (10/100/1000Mbps)	
			Network Function	HTTP, TCP/IP, IPv4, DHCP,DNS, IP Camera Search	
			Maximum Users access	128	
			Input Camera	16	
			Two-Way Talk	1 Channel Input, 1 Channel Output, RCA	
			Sync Play back	1/4/8/16	
			Search Mode	Time/Date, Alarm, Motion Detection, exact search	
			Backup Mode	USB Device/Network	
			Incoming Bandwidth	Max 320Mbps	
			Missing Abandon Detection	YES	
			Intelligent Detection	Intrusion, Tripwire	
			Power Supply	Single, DC12V/4A	
2	HDD	03	Hard Disk	SATA - III Surveillance	
3	Camera	12	Scanning System	Progressive	

			Effective Pixels	1920x1080	
			RAM/ROM	256 MB/32 MB	
			Image Sensor	1/2.8" 2 Megapixel progressive CMOS	
			IR Distance	50m	
			WDR	120db	
			IR LEDs	1	
			IR On/Off Control	Auto / Manual	
			Lens Type	Fixed	
			Focal Length	2.8mm	
			Video Compression	H.265+/H.265/H.264+/H.264	
			Digital Zoom	16x	
			Audio Interface	Built-in Mic	
			Audio Compression	G.711a/ G.711Mu/ AAC/ G.726	
			Streaming Capability	3 Streams	
			Angle of View	H:110° (87°, 52°), V:58° (48°, 30°)	
			Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)	
			Bit Rate Control	CBR/VBR	
			BLC Mode	BLC / HLC / WDR	
			White Balance	Auto/Natural/Street Lamp/Outdoor/Manual	
			Gain Control	Auto / Manual	
			Motion Detection	Off / On ( 4 Zone, Rectangle)	
			Region of Interest	(4 Zone)	
			Intelligent Detection	Intrusion, Tripwire, Object Abandoned/Missing	
			Protection	IP67, wide voltage (±30% input voltage tolerance)	
			Privacy Masking	Off / On (4 Area, Rectangle)	
			Ethernet	RJ-45 (10/100 Base-T)	
			Protocol	TTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6	
			Interoperability	ONVIF, PSIA, CGI	
			Casing	Metal	
			Maximum Users access	20 users	
			Edge Storage	NAS, Local PC for instant recording Mirco SD card 128GB supported	
			Online on smart phone	Yes	
			Power Supply	DC12V	
			PoE	PoE (802.3af)	
4	Rack/Tray	3	Dimension	Tray for 42U Rack	
5	Power Adaptor	6	Power rating	12v, 2Amp	
6	Configuration & Installation	Must be completed in all aspects including network & power cabling			

TECHNICAL EVALUATION CRITERIA – GENERAL			
S.No	ATTRIBUTE	SPECIFICATION	WEIGHTAGE
1	Partnership Level	Authorized Letter from the Principal/Manufacturer	MUST
2	Geographical Presence	ISB, KHI, LHR	MUST
3	Relevant Experience	Minimum 03 years (work order proofs)	MUST
4	Installation & Configuration	In all aspect including network/power cabling	MUST
5	Compliance	Fully compliant as per published TOR	MUST
6	Warranty & Support	03 years standard onsite	MUST
TECHNICAL EVALUATION CRITERIA - CAMERA			
7	Camera Series	Professional/Business with memory card min 32 GB	MUST
8	Supported Formats	Night mode, Motion detection	MUST
9	Camera RAM/ROM	Minimum 256MB/32	MUST
10	Camera Interface	PoE enabled Ethernet Port,	MUST
11	Camera Resolution	FHD	MUST
12	Compression Standard	Smart H.265+/H.265/H.264+/H.264	MUST
13	Focal Length	2.7 – 2.8mm	MUST
14	Digital Zoom	16x	MUST
15	Edge Storage	NAS, Local PC for instant recording Mirco SD card 128GB supported	MUST
16	Protection	IP67, wide voltage ( $\pm 30\%$ input voltage tolerance)	MUST
17	Camera Casing	Metal Body	MUST
18	Power Supply	Single, DC12V/2A with power adapter	MUST
TECHNICAL EVALUATION CRITERIA - NVR			
19	NVR Series	Professional/Business	MUST
20	NVR Recording resolution	Up to 12Mega Pixel	MUST
21	NVR Channel	16 Channel pro series	MUST
22	Internal Storage HDD Supported	2 SATA III interface/ports, up to 10TB Capacity for each HDD	MUST
23.1	Hard Disk Capacity - Islamabad	01x 4TB, SATA -III Surveillance	MUST
23.2	Hard Disk Capacity - Karachi	01x 2TB, SATA -III Surveillance	MUST

23.3	Hard Disk Capacity - Lahore	01x 2TB, SATA -III Surveillance	MUST
24	NVR Display Resolution	UP to 3840x2160 / 4K / UHD	MUST
25	NVR Interface	1 HDMI, 1 VGA, 1 RJ-45 ports (10/100/1000Mbps), 2 x USB Ports	MUST
26	Mounting	Rack mounting supported / Tray for 42U Rack	MUST
27	Power Supply	Single, DC12V/4A with power adapter	MUST
28	Display Split	1/4/8/9/16	MUST
29	Smart App for online display/view	Compatible with both android and IOS for mobile view and Windows and IOS for desktop view	MUST