

Embassy of India
Doha

No. DOH/885/01/2021

14th March, 2023

Embassy of India, Doha invites sealed quotation from reputed, experienced and financially sound companies registered under relevant Qatar Companies Law for supply and installation of the CCTV in Embassy Residence:-

2. General Conditions

2.01 The bidding company shall provide the full company profile with details of its registered office, the name & designation of its contact person along with his telephone / mobile no. and e-mail address.

2.02 The bidding company should be registered under the appropriate laws of the State of Qatar, should have a valid CR number for Qatar and should have all applicable / appropriate licenses for undertaking and completing the job. The proof of the same should be enclosed.

2.03 The bidding company should be qualified with an experience of at least 3 years in the field. Details of similar nature of work done in other Embassies/ Government Offices /Companies with proof should be attached.

2.04 The bidding company shall furnish an undertaking (self-certificate) that the company hasn't been blacklisted by any Government agency and there has been no litigation with any Government Department.

2.05 The bidding company shall ensure compliance of all mandatory labour laws / regulations laid down by the Government of the State of Qatar and any other relevant Acts and regulations enforceable from time to time without any liability to the Embassy of India, Doha or without any responsibility for statutory compliance of any kind by the Embassy.

2.06 The bidding company shall not utilize or publicize or disclose or part with any statistic, data or information collected due to the assignment/contract without the express written consent of Embassy of India.

2.07 No advance payment shall be admissible for the work. Payment will be made only after completion of the work to the Embassy's satisfaction.

2.08 The bidding company shall provide Earnest Money Deposit of QR 2200/-.

2.09 The bidding company shall enclose an undertaking accepting all terms and conditions mentioned in this document, as given at Annexure C of this document. The company shall also submit the duly filled in Annexures A and B of this document.

2.10 The Embassy of India, Doha shall have the right to amend or cancel any part of the tender or the entire tender without assigning any reason whatsoever.

2.11 Embassy's decision on the pre-qualification of the bidders and selection shall be firm and final. No queries shall be entertained in this regard.

3. Submission of Bids

3.01 Tenders shall be submitted in two parts, i.e. (i) Technical Bid and (ii) Financial Bid, to the Embassy of India, Doha, Villa No 86 & 90, Street No. 941, Al Eithra Street, Zone 63, Onaiza PO Box Number 2788, Doha, Qatar, so as to reach the Embassy latest by 1200 hrs of 04th April, 2023.

Note: Technical Bid shall be placed in one envelope, the Financial bid shall be placed in a second envelope and both the envelopes shall be placed in a third envelope, superscribed with

“Technical & Financial Bids for installation of the CCTV in Embassy Residence.

3.02 Embassy may, at its discretion, extend the deadline for submission of bids by issuing an Addendum in which case all rights and obligations of the proposed project and the companies shall thereafter be subject to the deadlines as extended.

3.03 Embassy will not accept delivery of bids by fax or e-mail. Bids received by fax or e-mail shall be treated as defective, invalid and rejected.

3.04 Financial bids of only those bidders who qualify the technical evaluation shall be opened.

3.05 No Proposal will be accepted after the deadline for submission.

3.06 The validity of the bids must be for at least six months with effect from the date of opening of the bids. The bidder should be amenable to the re validation of the quote as per the Embassy's requirement. All bids should be in the English language only.

3.07 The original proposals (Technical and Financial) shall be prepared in indelible ink. They shall contain no interlineations or overwriting, except as necessary to correct

errors made by the firm itself. Any such corrections must be authenticated by the person or persons who sign(s) the proposals.

3.08 All prices should be quoted in Qatari Riyals (QAR) and indicated both in figures and words. Figures in words will prevail.

3.09 The Financial Bid shall not include any conditions attached to it and any such conditional financial proposal shall be rejected summarily.

4. Tendering Process

4.01 In the first stage, only the envelopes, containing the Technical Bid and Earnest Money Deposit will be opened on 05th April, 2023 at 4:00pm, in presence of the bidding companies (one representative each). The bidders desirous of attending shall give the names of their authorized representatives to Attache(Admin), Embassy of India, Doha at admn.doha@mea.gov.in in advance. The sealed envelope containing the Financial Bid will be shown to the members present, but will not be opened at this stage.

4.02 The Technical Bids will be examined and evaluated by the Embassy. Bidding companies who do not qualify in the technical evaluation will not be considered for qualification to the Financial Bid stage and their financial bids will be returned unopened. The EMD shall be returned to technically rejected bidders within 01 months of declaration of Tech Evaluation Stage.

4.03 Bidding companies who have qualified in the Technical Bid stage, will be informed by email to be present on the date and time fixed by the Embassy and the financial bids will be opened in their presence.

4.04 After opening of the financial bids, L₁ will be announced based on the lowest financial quote. The final decision of the Embassy on award of contract will be communicated in due course. The notification of award will constitute the formation of contract. L₁ need to provide Performance Bank Guarantee of 5% of the total Contract Value including AMC cost.

4.05 If the Service provider fails to complete the work within the stipulated time specified in the contract, The Embassy will deduct 0.5% of the contract value per week or part of the week of delayed period without any controversy/dispute of any sort whatsoever.

4.06 Embassy shall reserve the right at all times to postpone or cancel the scheduled bid opening. In the event of the specified date of bid opening being declared a holiday,

the bids shall be opened at the appointed time and location, preferably on the next working day.

5. The system shall consist of, *but not be limited to*, the following:

- (a) A complete Workstation with all needed software & licenses.
- (b) 2-4 MP Bullet Cameras.
- (c) Fixed Outdoor Cameras.
- (d) Network Storage Servers.
- (e) Digital Video Recording Equipments and Management Software.
- (f) Network PoE Switches 16/24 port Giga
- (g) Power Supplies including UPS.
- (h) Data Rack(s)
- (j) Copper Cabling and Containment from Racks to cameras.
- (k) CCTV Monitors
- (l) CCTV Controllers, Switches and Multiplexers.
- (m) Storage of cameras.

All materials and equipments shall be standard, regularly manufactured equipment. All cameras, indoor & outdoor, DVR, VMS, and NVR shall be from reputed manufacturers.

6. Warranty and Maintenance

6.01 The warranty period for the equipment will commence from the date of commissioning of the entire system and not from the date of delivery or installation.

6.02 The time period for product warranty will be the same as the service warranty.

7. The winning firm will enter into an Annual Maintenance Contract (AMC) for a period of 5 years for maintaining the installed system. The firm shall provide cost free maintenance during warranty period and the rate shall remain same for entire AMC period. The firm will provide one dedicated on-call technician to attend to any defect/malfunction/operational problem. In addition to attending to any contingencies, the firm will undertake to send a technician once every month for routine servicing of the system to keep it functioning smoothly. Each visit of the technician will be entered into a Register specially kept for the purpose, in which the technician will enter his name, date of call, in-time, out-time and a brief description of the repairs carried out.

8. Technical Specifications of the Proposed Security Surveillance System. The proposed security surveillance system must be an open standard based on IP (Internet Protocol). The detailed specifications are as follows:-

Specifications for the Proposed 10 CCTV Camera Set Up
with 30 Days Recording

Ser	Item	Quantity
1.	2 to 4 MP Bullet Varifocal	10
2..	NVR 16 Channel with 2 SATA supported	1
3.	3 TB HDD for storage of cameras	1
4.	PoE Switch 16/24 port Giga	1
5.	Single Port 10/100 Media Convertor (Pair) – Optional	As per actual
6.	UPS	One Unit
7.	Fibre Cable – Optional	As per actual
8.	Cat 6 Cable	As per actual
9.	Other accessories as required for installation	As per actual
Other Specs Required		
1.	Day/night functionality	
2.	Optical WDR upto 120dB	
3.	Up to 30 m (98 ft) IR distance	
4.	Lowlight surveillance	
5.	ONVIF Conformance	
6.	Mini Resolution 1920 × 1080	
7.	Frame Rate: 1080P (1920×1080): Max. 30 fps; 720P (1280×720): Max. 30 fps; D1 (720×576): Max. 25 fps	
8.	Edge Storage : Micro SD	
9.	H.264 High Profile	
10.	Wide temperature range: -40°C to 60°C (-40°F to 140°F)	
11.	IK10 vandal resistant	
12.	IP66	

Proposed Location of the Cameras

Ser	Location	No. of Cameras	Type of Camera	Remarks
1	Perimeter Walls	10	Bullet Cameras	Robust IP Bullet camera with IR illumination for outdoor HD surveillance with H.265 and essential Video Analysis

Specifications for the Proposed CCTV Cameras

Equipment	Description	Specifications
Network Bullet IR Camera (Fixed)		
	Description	Specifications
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.008Lux@F1.2, B/W: 0Lux with IR on
	WDR	Super WDR up to 120dB
	Lens	3.6mm
	Field of View	H78.4°~H26.2° (2.8~12mm)
	Shutter Time	1/100000s~1/5s
	IR Distance	Up to 30m
	Day & Night	ICR Filter Auto Switch
	Max Image Resolution	1920X1080
Video	Frame Rate	20fps(2592x1520) 25fps(2304x1296) 25fps(1920x1080)
	Video Compression	H.265(HEVC) / H.264 / MJPEG
	Video Bit Rate	160Kbps~16Mbps(CBR/VBR Adjustable)
	Image Setting	Brightness/Contrast/Saturation/Sharpness
	Ethernet	1*RJ45 10M / 100M Ethernet Port

Equipment	Description	Specifications
Network	Network Storage	NAS(Support NFS, SMB/CIFS)
	Protocol	TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS,DNS,DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPNP, SIP, IPv6, PPPoE, VLAN
Audio	Audio Streaming	N/A
	Audio Compression	N/A
System	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, 3D-DNR, ROI
	SIP/VoIP Support	Yes, Voice & Video over IP
	Event Trigger	Motion Detection, Network Disconnection, etc.
	Event Action	FTP Upload/SMTP Upload/SIP Phone
	System Compatibility	ONVIF Profile S
General	Power Supply	PoE
	Power Consumption	5.5W MAX, 9.5W MAX (With IR on) {can be removed}
	Weather Proof	Up to IP67 Rating for Weather-resistant
	Certification	CE, FCC, Rohs

16 CH NVR (2HDD)		
Equipment	Description	Specifications
Audio Video	Video Input	16 CH
	Video Output	HDMI (1920x1080/1440x900/1280x1024/1280x800/1024x768) VGA(1920x1080/1440x900/1280x1024/1280x800/1024x768) CVBS(1920x1080/1440x900/1280x1024/1280x

16 CH NVR (2HDD)		
Equipment	Description	Specifications
		800/1024x768)
	Audio Input	Supported
	Audio Output	Supported
	Video Compression	H.264
	Video Capacity	16CH 5 MP/3MP/2MP/1.3MP/1MP
	Audio Compression	G 711U
Storage	Interface & Capacity	2 SATA (Max 6TB/pcs)
	File Format	Log: *.txt/Picture: *.JPG/Video: *.mp4
	Maximum Log	2000
	USB	USB flash disk recovery should be permanently disabled
Recording	Type	Manual/Scheduled/Motion/Alarm
	HDD full	Overwrite/Stop recording
	Playback	4CH 2MP/3CH 3 MP/3CH 4MP/2CH 5MP
	Playback control	Last Hr. / Next Hr., Last Frame / Next Frame Backward (8X 16X) Pause/Play Slow (x1/2x1/4x1/8x1/16) Fast Forward (x2x4x8x16)
	Search Mode	By CH/Type/Date (Single or combined)
Network	Ethernet	10M/100M/1000M
	Max Remote Channels	32CH
	Protocols Supported	TCP/IP, DHCP, UDP, SMTP, NTP
	Compatibility	ONVIF
	Remote Connection	CMS Client/WebCC/APP
	DDNS	Support
Interfaces	Network	1xRJ-45
	USB	1xUSB2.0
	PTZ	RS485
	Control Device	Mouse
	Screen Layout	1/2/4/8/9/16

16 CH NVR (2HDD)		
Equipment	Description	Specifications
Features	Alarm Actions	Buzzer/Send to Client/Alarm email (optional)
	Magnification	Support
	USB Recovery	To be disabled permanently
	Privacy Mask	Support
	Video Lost Alarm	Support
	Snapshot on Alarm	Support
General	Working Temperature	-10° ~ +55°
	Working Humidity	10% ~ 90%
	Power Supply	DC12V
	Power Consumption	≤15W (without HDD)

1 PORT 10/100/1000 Media Converter		
Ser	Description	Specification
1.	Standard	IEEE802.3u, 10/100/1000Base-T, 1000 Base-SX/LX, IEEE802.3ah, IEEE802.3z/ab
2.	Flow control	IEEE8.2.3x port flow control and backpressure control
3.	Transmission speed	10M/100/1000M auto-negotiation
4.	Transmission mode	Full-duplex/semiduplex (auto-negotiation)
5.	Conversion mode	Storage transmission
6.	MAC address	VLAN 4K
7.	Buffer space	128KB
8.	Packet length	Storage transmission: 9728 Bytes, straight-through, infinite
9.	Time-delay	9.6us
10.	Bit error rate	<1/1000000000
11.	MTBF	100,000 hours
12.	Power supply	AC100~265V 50/60Hz / DC5V 1A

13.	Power dissipation	<2.5W
14.	Interface	Electric port:RJ45, Fiberport:SC/FC or SFP
15.	Twisted-pair	Cat.5, Cat.6
16.	Singlemode fiber	8/125, 8.3/125, 9/125um
17.	Wavelength	850nm/1310nm/1550nm
18.	Transmission distance	20/40/60/80 Km
19.	Cat.5 twisted-pair	100m
20.	Operating temperature	0~50° C
21.	Storage temperature	-20~70° C
22.	Humidity	5%~90% (no condensation)
23.	Size	118* 87* 28mm (L*W*H) (metal box)

Data Sheet for 16 GE + 2 SFP PORT POE Switch		
Ser	Description	Specification
1.	PoE Port	16*10/100/1000 port support IEEE802.3af/at
2.	SFP port	Yes
3.	PoE port output power	15.4W/30W IEEE802.3af/at
4.	PoE power supply pins	Both ½+, 3/6- and 4/5+, 7/8-
5.	Transmission distance	100 ~ 150m
6.	Protocol standard	IEEE802.3af/IEEE802.3at
7.	PoE type	End-span
8.	Network standard	IEEE 802.3, IEEE802.3u, 802.3x, 802.3af/at
9.	Network medium	10/100/1000Mbps 5 class and above non shielded twisted pair
10.	Network Signal Distance	<150m
11.	Switch capability	7.2Gbps
12.	Forwarding Mode	Store and forward
13.	Forwarding Rate	100 Mbps:14880 pps / 1000 Mbps :14800 pps

14.	MAC Address	MAC address table 8K
15.	Port function	Power priority mechanism, fast and forward, MAC IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
16.	Indicator	Each port occupied 1 LINK/ACT.100Mbps POE Status Indicator, Whole power indicator
17.	Working Temperature	-10° ~ 55° C
18.	Input power	AC100-240V 50/60HZ
19.	Whole power	250W

Ser	Equipment	Vendors
(a)	Cameras/NVR/VMS	Bosch, Pelco, Axis, VisionTek, Avaligion, GE, Canon
(b)	Switches	Cisco/HP/Alcatel-Lucent
(c)	Structured Cabling	CopperOn, Panduit, 3M, Brandrex

TECHNICAL BID PROFORMA

1. Name of the firm:
2. Address of the Registered Office:
3. Correspondence address:
4. Contact details:
 Telephone:
 Fax:
 E-mail:

SN	Requirements	Reply	Remarks, if any
1	(a) Brief introduction of the company (b) Previous experience in the field (minimum of three years) (c) Registration Certificate & license for the services (duly attested copies to be enclosed)		
3	(a) Details of current contracts of services undertaken by the firm (b) Details of past contracts of services undertaken by the firm (c) Testimonials [Clients' letters / certificates etc.]		
4	Copies of other documents sought in the Tender.		

[Signature(s) of the Tenderer(s) with Name, Designation, Date & Seal]

FINANCIAL BID PROFORMA

1. Name of the firm:
2. Address of the Registered Office:
3. Correspondence address:
4. Contact details:
Telephone:
Fax:
E-mail:

SN	Item	Charges in QAR	Remarks, if any
1	Total amount for providing services with details of expenditure like labour charges, cost of material, transportation, etc.		
2	AMC rate per annum and Taxes.		

Total Amount : QR _____.

[Signature(s) of the Tenderer(s) with Name, Designation, Date & Seal]

UNDERTAKING

I/We, _____, representative(s) of
M/s. _____ solemnly declare that:-

1. I/We are submitting my/our bid against the Tender Notice no. Doh/_____ dated _____ brought out by the Embassy of India, Doha for .
2. I/We or my/our partners do not have any relative working in any office of Embassy of India, Doha.
3. All information furnished by me/us in respect of fulfilment of eligibility criteria and other information given in this tender is complete, correct and true.
4. All documents/credentials submitted along with this tender are genuine, authentic, true and valid.
5. The Price – Bid submitted by me/us is “WITHOUT ANY CONDITION”.
6. I/We have not been banned/delisted by any Government or Quasi Government agencies or PSUs.
7. I/We accept all the terms and conditions of tender.
8. If any information or document submitted is found to be false/incorrect, Embassy may cancel my/our Tender and take any action as deemed fit including termination of the contract, forfeiture of all dues including Earnest Money and blacklisting of my/our firm and all partners of the firm etc.

[Signature(s) of the Tenderer(s) with Name, Designation, Date & Seal]

Checklist

Item	Submitted (Yes / No)
Annexure A in separate envelope	
Annexure B in separate envelope	
Annexure C in same envelope as Annexure A	