

No. SFO/815/1/2022
Consulate General of India
San Francisco

TENDER NOTICE

Bids are invited towards purchase and secured installation of CCTV system having 64 Channel NVR, 45 CCTV Cameras with 30 days recording, NETWORK BULLET IR CAMERA (FIXED) for Consulate General of India, at 540 Arguello Blvd, San Francisco, CA 94118.

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1.	Chapter I : Tender Details and General Instructions
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Chapter I - Instructions to Bidders

Bids containing **Technical Bid** and **Financial Bid** for contract valid for next one year from experienced & registered firms, complete in all respects should be submitted addressed to the Head of Chancery, Consulate General of India, at 540 Arguello Blvd, San Francisco, CA 94118 by email /courier to reach before the deadline of 1700 hrs. on 17 August 2022. The submitted Bids should clearly carry the subject line “Bid Submission towards purchase and installation of CCTV system having 64 Channel NVR, 45 CCTV Cameras with 30 days recording, NETWORK BULLET IR CAMERA (FIXED)”. All tenders received after the deadline will be summarily rejected.

2. All bidders should submit along with the Tender the following documents:
- i. Separate bids in the prescribed Technical Bid Document and Financial Bid Document (proformas attached in chapter II and III).
 - ii. Both the above documents must be signed by authorized signatories of the bidding firm with a seal / stamp.
 - iii. Self-attested photo-copy of registration of the company / firm proprietorship with the concerned authorities.
 - iv. Annual Report (where statutorily required to be filled).
 - v. Details of experience in the field of CCTV security installations with Embassies and Consulates/reputed Companies/Government agencies, etc.

SPECIFICATIONS FOR A SET OF 45 CCTV CAMERAS WITH 30 DAYS RECORDING

SL No	ITEM	QUANTITY
1.	4 MP Dome Varifocal / Bullet Varifocal	45-64
2.	NVR 64 Channel with 2 SATA supported	1
3.	4 TB HDD/SSD for storage of cameras	2
4.	PoE Switch with suitable no. of ports Giga	1
5.	Single port 10/100 Media Converter (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

3. Technical Conditions/scope of works :

NETWORK BULLET IR CAMERA (FIXED)		
KEY FEATURES		
	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
Video Compression		H.265(HEVC) /H.264 / MJPEG
Video Bit Range		160 Kbps~16Mbps (CBR/VBR Adjustable)
Image Setting		Brightness/Contrast/Saturation/Sharpeness
NETWORK	Ethernet	1*RJ45 10M / 100M Ethernet Port
	Network Storage	NAS(Support NFS, SMB/CIFS)
	Protocol	TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPNP, SIP, IPc6, 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.
	System Compatibility	ONVIF Profile S
GENERAL	Power Supply	PoE
	Power Consumption	5.5W MAX, 9.5 W MAX (With IR on) {can be removed}
	Weather Proof	Up to IP67 Rating for Weather-resistant
	Certification	CE,FCC,Rohs

1 PORT 10/100/1000 MEDIA CONVERTER

SL NO	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	128 KB
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 degree celcius
21.	Storage Temperature	-20~70 degree celcius
22.	Humidity	5%~90% (no condensation)
23.	Size	118*87*28mm (L*W*H) (metal box)

DATA SHEET FOR GE + 2SFP PORT POE SWITCH		
S. No.	DESCRIPTION	SPECIFICATION
1.	PoE Port	64(48)*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 powers supply pins	Both 1/2+, 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	IEEE802.3, IEEE802.3u, 802.3x, 802.3af/at
9.	Network medium	10/100/1000Mbps 5 class and above non shield twisted pair
10.	Network Signal Distance	<150m
11.	Switch capability	7.2Gbps
12.	Forwarding Mode	Store and forward
13.	Forwarding Rate	100Mbps:14880pps / 1000Mbps:14800pps
14.	MAC Address	MAC address table 8K
15.	Port function	Power priority mechanism, fast and forward, MAC IEEE802.3X Full-duplex and mode and back-pressure for Half-duplex mode
16.	Indicator	Each port occupied 1 LINK/ ACT.100Mbps POE Status Indicator, Whole power indicator, Whole power indicator
17.	Working Temperature	-10° ~ 55° C
18.	Input power	AC100-240V 50/60Hz
19.	Whole power	250W

4. The bidder should be a company or firm duly registered with the concerned authorities in San Francisco. Bidder must be a firm with a past record of providing CCTV security installations in California, USA. Consulate General of India, San Francisco reserves the right to reject bids from firms who are blacklisted by Governments of USA or India for poor performance in the past, or those who do not have adequate experience in the field of security services.

5. The bids will remain valid for 270 days from tender closing, for award of contract after obtaining approval of competent Indian authorities. No price escalation would be allowed.

6. The successful bidder has to sign a contract with the Consulate General of India in an appropriate form for execution of the contract.

7. First the Technical bid will be opened and the pre-qualification of the bidder will be assessed and then financial document of only those bidder [s] who meet the technical criterion will be opened.

8. The winning bidder would be required to dedicate one supervisor /manager who can be contacted for all queries / requirements.

9. Installation & Commissioning, Supervision and Demonstration of the goods.

b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation

10. Supplying required number of operation & maintenance manual for the goods.

11. Accessories & Consumables: The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Bid.

12. After Sales Service: After sales service centre should be available on 24 (hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24 hrs to ensure an uptime of minimum 95%, wherever applicable.

Guarantee / Warrantee Period: The Tenderer has to indicate the gurantee/ warrantee period of the CCTV system.

9. ASSIGNMENT SPECIFIC INFORMATION IN BRIEF:

STARTING DATE FOR SUBMISSION OF TENDER:	1100 hrs, Tuesday 21 July 2022
LAST DATE FOR BID SUBMISSION:	1700 hrs, Wednesday, 17 August 2022.
DATE OF OPENING TECHNICAL BIDS:	1100 hrs, Friday, 19 August 2022.
DATE OF OPENING FINANCIAL BIDS:	1100 hrs, Monday, 22 August 2022.
EVALUATION CRITERIA: The Tender Evaluation Committee [TEC] will evaluate the Technical information individually using the following criteria: (a) The Organization's relevant experience for the Assignment. (b) Quality of SERVICE plan and methodology for undertaking the job. (c) Past track record.	

10. Bids may be submitted to:

Head of Chancery, Consulate General of India
540 Arguello Blvd, San Francisco, CA 94118.

11. For clarifications / queries, if any, prior to submission of bid, prospective bidders may contact the undersigned, on Phone [\(415\) 668-0683](tel:4156680683) during office hours from 10.00 a.m. to 5.00 p.m. on working days or email their queries to accts.sf.mea@mea.gov.in

Sd/-
(Rama Kant Kumar)
Head of Chancery

Chapter II - TECHNICAL BID PROFORMA

1. Name of the firm:
2. Address of the Registered Office:
3. Correspondence address:
4. Contact details:

Telephone:

E-mail:

Sl.N o.	Requirements	Reply / Remarks
1.	<ul style="list-style-type: none">• Brief introduction of the company• Previous experience in the field(minimum of three years)• Registration Certificate & license for the services	
2.	Plan of action and methodology proposed to install the CCTV secure system as per technical specification in this Tender document.	
3.	<ol style="list-style-type: none">a. Details of Current contracts of security services undertaken by the firmb. Details of the past contracts security services undertaken by the firmc. Testimonials [Clients' letters /certificates, etc]	

Chapter III- Financial Bid Proforma

1. **Name of the firm:**
2. **Address of the Registered Office:**
3. **Correspondence address:**
4. **Contact details:**

Telephone:

E-mail:

S. No.	Items	Price in USD (Including all charges)	Remarks, if any
1	Purchase and installation of CCTV system having 45 CCTV Cameras 64 Channel NVR with 30 days recording, NETWORK BULLET IR CAMERA (FIXED) for Consulate General of India, San Francisco, CA	Note: Price quoted should be on an all-inclusive basis and shall include the cost of all equipments, personnel, transportation, rentals, taxes, consumables, warranty, etc.	