



सत्यमेव जयते

**Embassy of India,  
Rabat, Morocco**

<http://www.indianembassyrabat.com/>

**Tender for Supply, Installation, Testing and Commissioning of Closed  
Circuit Television (CCTV) camera system in Embassy of India, Rabat**

**Tender No. : RAB/885/02/2018**

**Date: 18 September, 2018**

**Last date for submission of bids: 03 October, 2018**

**Embassy of India  
88, Rue Ouled Tidrarine, Souissi, Rabat**

**No.RAB/885/02/2018  
Embassy of India,  
Rabat (Morocco)  
Administration Wing**

Dated: September 18, 2018

**NOTICE INVITING TENDER**

Embassy of India, Rabat invites Tender under two bid system from registered firms for **Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) Camera system** in Embassy of India, at 88, Rue Ouled Tidrarine, Souissi, Rabat.

2. The tender documents can be downloaded from the websites <http://www.indianembassy rabat.com/> or <http://www.epublish.gov.in> from **September 18, 2018 to October 03, 2018 (0930 hrs to 1730 hrs)**. **No tender fee will be charged for the tender documents.** Please note that any corrigendum/addendum in the above tender documents, if required, will be hosted in the website of the Embassy of India, Rabat, as given above.

3. The interested firms should submit the bids in two separate sealed covers, super scribed as "Technical Bid" and "Financial Bid". Both sealed covers should be put in a single enveloped super scribed as "Tender No.RAB/885/02/2018 for **Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) Camera system**" and addressed to "Head of Chancery, 88, Rue Ouled Tidrarine, Souissi, Rabat". The bid should be submitted to the Head of Chancery, Embassy of India, 88, Rue Ouled Tidrarine, Rabat. Please note that no tender documents will be accepted after the expiry of stipulated date and time for the purpose (October 03, 2018 till 1100 hrs) under any circumstances.

4. The Earnest Money Deposit (EMD) of MAD 3000/- (Dirhams Three thousand only) in the form of Account Payee Demand Draft/Pay Order drawn in favour of "Embassy of India, Rabat" is required to be submitted along with bid. Bids shall not be considered in case the EMD is not submitted and would be rejected summarily.

5. The Technical Bids will be opened on October 03, 2018 at 1130 hrs by a Committee duly constituted by the Competent Authority of the Embassy of India, Rabat. The financial bids of only those bidders, whose Technical Bids are found responsive, shall be opened by the Committee authorized for the purpose.

6. The Competent Authority reserves the right to reject any or all the bids, or cancel the tender, without assigning any reason and the decision of the competent authority of the Mission shall be final and binding.

(Niravkumar B. Sutariya)  
Second Secretary (HOC)  
Tel No +212 537 63 58 01  
Email: hoc.rabat@mea.gov.in

**LETTER OF BID**

Dated: ....., 2018

To,

Shri Niravkumar B. Sutariya  
Head of Chancery  
Embassy of India,  
88, Rue Ouled Tidrarine, Souissi  
Rabat

Ref: Invitation for Bid No. RAB/885/02/2018 dated September 18, 2018

We, the undersigned, declare that:

We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders,

2. We offer to execute in conformity with the Bidding Documents for **Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) Camera system** at the 88, Rue Ouled Jerrar, Souissi, Rabat.
3. Our bid shall be valid for a period of 180 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents and shall remain binding upon us and may be accepted at any time before the expiry of the period.
4. If our bid is accepted, we commit to submit a Performance Security Deposit in accordance with the Bidding Documents.
5. We also declare that the Government of the Kingdom of Morocco or any other Government body has not declared us ineligible or blacklisted us on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.
6. We also accept all the terms and conditions of this bidding document and undertake to abide by them, including the condition that you are not bound to accept highest ranked bid/ lowest bid or any other bid that you may receive.

Yours sincerely,  
Authorized Signatory

(Authorized person shall attach a copy of Authorization for signing on behalf of Bidding company)

Full Name and Designation  
(To be printed on Bidder's letterhead)

### **DATES TO REMEMBER**

<b>Sl. No.</b>	<b>Events</b>	<b>Date</b>
<b>1.</b>	Tender Publish Date	<b>18.09.2018 (at 0900 hrs)</b>
<b>2.</b>	Bid Submission start date	<b>18.09.2018 (at 0930 hrs)</b>
<b>3.</b>	Bid submission end date	<b>03.10.2018 (upto 1100 hrs)</b>
<b>4.</b>	Opening of Technical Bids	<b>03.10.2018 (at 1130 hrs)*</b>
<b>5.</b>	Opening of Financial Bids (of only those who qualify in the minimum eligibility criteria)	<b>Date to be intimated later*</b>

**\*Note: "The bids will be opened in the O/o Head of Chancery, Embassy of India, Rabat, Morocco"**

**Contact information:**

**Mr. Niravkumar B. Sutariya**  
**Head of Chancery**  
**Embassy of India Rabat,**  
**Morocco**  
**Tel: +212 537 63 58 01/02**  
**Email: [hoc.rabat@mea.gov.in](mailto:hoc.rabat@mea.gov.in)**

## **SECTION- I: INVITATION FOR BIDS (IFB)**

The Embassy of India, Rabat invites sealed bids from eligible bidders for Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) camera system as per the following details:-

- 1. Technical Scope of Work:** Work includes providing all material, equipment, accessories, hardware, software, licenses, services and tests necessary to complete and make ready for operation by the Embassy of India a complete expanded IP based CCTV System in accordance with the design & specifications given in **Annexure A - Technical Specifications of the Security Surveillance System**.
- 2.** The system shall consist of, but not be limited to, the following:
  - A complete workstation with all needed software & licenses
  - 2-4 MP Dome Varifocal/Bullet Varifocal cameras
  - Fixed outdoor cameras
  - Network storage servers
  - Digital Video Recordings Equipment and Management software
  - Network PoE Switches 16/24 port Giga
  - Power supplies including UPS
  - Cat 6 Cable
  - Data rack (s)
  - Copper cabling and containment from racks to cameras
  - CCTV monitors
  - CCTV controllers, switches and multiplexes
  - 4TB HDD for storage of cameras
  - NVR 16 channel with 2 SATA supported
- 3.** The cameras in the perimeter should give a clear view of approximately 100 mtr. Along with the perimeter walls with other details.
- 4.** The cameras proposed in office spaces like waiting area of Consular Section and inside the office spaces should give wide coverage angle. CSO/IBSA should be easily able to monitor a large area/detect individual approaching the Chancery building/observe actions of a group/recognize known individuals at an entry point.
- 5.** The cameras should have sufficient resolution for clear, sharp footage at night.
- 6. Image quality:** The image should be sufficient to enable identification of the individual beyond reasonable doubt. The CCTV image should help the observer to positively identify an individual. It should enable a viewer to monitor the number, direction and speed of people across a wide area.
- 7. Tracking:** There are two basic requirements for tracking:-
  - To monitor personnel visiting the Embassy
  - Monitoring of surrounding or outside perimeter area including recording of objects with high speeds upto 120 km/h and accurate target detection at any time with high quality motion sensors.
- 8.** The bid should cover the following with the proposed CCTV system:-
  - Simple audible alarm/visual alarm pin pointing the location of the event
  - Record event data
  - Display the view in a full screen
  - Create an audit log
  - Inbuilt Motion Detection capability
- 9. Desired Image Quality:** (a) Live Image: 1080p @ 30fps max with 5000 bit rate (b) Recorded Image: 1080p @ 15fps max with 2000 bit rate.

**10. Frame Rate:** The Mission requires a setting of 15-35 fps with 1080 resolution as the benchmark since the consular section is over-crowded at all times and three sides of the Mission are surrounded by roads with moderate traffic.

**11. Metadata:** The Mission will require the following Metadata from the proposed CCTV setup:-

- Date and time
- Object identity
- Object size
- Vehicle type and plate numbers
- Camera ID

**12. Creation of Permanent Record:** The data from the system needs to be exported for creating a permanent record. This can be done through a Video Management System (VMS).

**13. Quality of material:** All materials and equipment shall be standard, regularly manufactured equipment. All cameras, indoor & outdoor, DVR, VMS and NVR shall be from reputed manufactures.

**14. Scope of work:**

1. **Monitoring stations:** The system should include a total of four monitors at different offices in the Chancery for monitoring – unauthorized entry, flow of visitors, crowd in the Consular Hall, unauthorized gathering of people in front of Embassy (if any) and theft.
2. **Live Monitoring:** Live monitoring is required 24x7. From Monday to Friday, during normal working hours (0800-1800 hrs) the Mission witnesses a lot of rush and hence live streaming is required. On Saturday, Sunday and holidays, live streaming is not necessary.
3. **Video Recording:** The Mission would like to keep the records for one month (30 days) before over written. So the Mission will go for a CCTV with suitable in built storage system.

### **Technical Specifications of the Proposed Security Surveillance System**

The proposed security surveillance system must be an open standard based on IP 9Internet Protocol). The detailed specifications are as follows:

Specifications for the proposed 16 CCTV Camera set up with 30 days recording:

S.No.	Item	Quantity
1.	2 to 4 Dome Varifocal/Bullet Varifocal	16
2.	NVR 16 Channel with 2 SATA supported	1
3.	4 TB HDD for storage of cameras	2
4.	PoE Switch 16/24 port 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

**Other specs required:**

- Day/night functionality
- Optical WDR upto 120dB
- Up to 30m (98 ft) IR distance
- Lowlight surveillance
- ONVIF Conformance
- Mini resolution 1920x1080P
- Frame Rate: 1080p (1920x1080): Max. 30fps; 720P (1280x720): Max. 30 fps; D1 (720x576): Max. 25fps
- Edge Storage: Micro SD
- H.264 High Profile

- Wide temperature range: -40 C to 60 C (-40 F to 140 F)
- IK10 vandal resistant
- IP 66

### Proposed Location of the Cameras

S.No.	Location	No. of Cameras	Type of Camera	Remarks
1.	Perimeter walls	04	Bullet cameras	Robust IP Bullet camera with IR illumination for outdoor HD surveillance with H.265 and essential Video analysis
2.	Indoor Chancery spaces (front area)	03	Bullet cameras	VF Vandal Resistant Network IR Fixed
3.	Indoor Chancery spaces (back area)	02	Bullet cameras	VF Vandal Resistant Network IR Fixed
4.	Reception	01	Dome cameras	Inside space Office
5.	Consular Services area	02	Dome cameras	Inside space Office
6.	Library Hall	02	Dome cameras	Inside space Office
7.	Garden area	02	Dome cameras	outdoor

### VENDOR LIST

S.No.	Equipment	Vendors
(a)	Cameras/NVR/VMS	Bosch, Pelco, Axis, VisionTek, GE, Canon
(b)	Switches	Cisco/HP/Alcatel-Lucent
(c)	Structured cabling	CopperOn, Panduit, 3M, Brandrex

## SECTION II : SUBMISSION OF PROPOSALS

### Two bid System:

The two bid system will be followed for this tender. In this system, bidder must submit his offer in two separate sealed envelopes as explained below:

### Envelope No. 1: "Technical Bid" shall contain:

- a. A Demand draft of MAD 3000/- (Dirhams Three thousand only) towards Earnest Money Deposit.
- b. The company shall enclose the full company profile with details of its registered office, the name & designation of its contact person along with his telephone/mobile no. and email address. The company should have a valid Registration Number (IF No.) and proof of the same is to be enclosed.
- c. The bidder should be a qualified and experienced company in the video security solutions for a minimum of 3 years, and should have completed at least 5 projects. Details of similar nature of work done in other Embassies / Government offices / Companies with proof should be attached. Completion certificates are needed to be attached.
- d. The company should have an established office with adequate number of staff (at least 3 qualified engineers and their certifications & profile should be submitted along with the Bid) and infrastructure related to the concerned job in Rabat.
- e. The company should furnish an undertaking (self-certificate) that the company hasn't been blacklisted by a Central / State Government institution and there has been no litigation with any Government Department.
- f. The company should be an authorized dealer/partner of the equipment being quoted. Letter from the manufacturer should be submitted.
- g. No advance payment will be admissible. Payment will be made only after installation and commissioning of the CCTV system to the Embassy's satisfaction.
- h. **Conflicts of Interest.** An undertaking (self-certificate) that the agency hasn't been blacklisted by a Central/State Government institution in India or by any other Govt/ Missions abroad. It shall also have certified that there are no conflicts of interest between any existing contracts.
- i. All necessary manpower, material and transport shall be the sole responsibility of the winning bidder.
- j. Duly filled in Technical Bid with proper seal and signature of authorized person on each page of the bid submitted.
- k. Self Attested copy of TVA Registration certificate, as applicable.
- l. A copy of Certificate of Incorporation, Partnership Deed/Memorandum and Articles of Association, as applicable.
- m. The bidder must submit plan/arrangement for installation and warranty services/after sale services to be provided at site.
- n. Detailed technical specifications make & model, part number and compliance to the Schedule of Requirement for which bid is submitted.
- o. The bidder should submit an undertaking to the effect that a Performance Bank Guarantee (PBG) of 10% of the order value will be submitted in case the Embassy of India, Rabat decides to place the Purchase Order with them.
- p. Other related documents e. g. Trade License etc. as mentioned in the tender document but not listed here.



**Envelope 2: "Financial Bid" shall contain:**

**Price Schedule (Section-VI)** complete in all respects with proper seal and signature of authorized person. Both the technical bid and financial bid envelopes should be sealed separately and clearly marked as "Envelope no. 1 - Technical Bid" and "Envelope no. 2 - Financial Bid". Both the sealed envelopes should be placed in a third larger envelope clearly mentioning "Technical Bid & Financial Bid" for **Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) Camera system** and addressed to "Head of Chancery" Embassy of India, Rabat, Morocco.

**Note 1: Please write tender number on each envelope and seal all the envelopes.**

**Note 2: Please do not put "Financial Bid" (prices quoted) in the technical bid envelope. If the price quoted is submitted with technical bid, the tender will be rejected.**

**4. Opening of Technical Bids:**

- a.** All the technical bids received by the Embassy of India, Rabat will be opened on October 03 at 1130 hrs in the O/o Head of Chancery, Embassy of India, Rabat.
- b.** After being opened, the Technical Bids will be evaluated, by the Embassy of India, Rabat, based on the available documents submitted by the bidder.
- c.** After evaluation of the Technical Bids, the Embassy of India, Rabat will intimate the date for opening of the Financial Bids of only those bidders who qualify at Technical Bid stage.
- d.** Financial Bids of those bidders who do not qualify at Technical Bid stage will be returned to the respective bidders un-opened.

**5. Opening of Financial bids:**

- a.** Financial bids of the short listed bidders only will be opened, in the presence of the bidders or their authorized representative, who choose to attend, **date to be intimated later.**
- b.** The authorized representative of bidders, present at the time of opening of the bids shall be required to sign an attendance sheet as a proof of having attended the financial bid opening.
- c.** The bidder's name, bid prices, discounts and such other details considered as appropriate by the Embassy of India, Rabat will be announced at the time of the opening of the bids.
- d. Technically accepted competitive bids ONLY will be considered for the opening of Financial Bids.**

### **SECTION III: INSTRUCTIONS TO BIDDERS (ITB)**

#### **1. Implementation/Timelines**

The supply and installation must be completed within 03 weeks, after placement of purchase order.

#### **2. Location for the Supply and Installation**

The equipment covered by this document are required to be supplied and installed at Embassy of India, Rabat (88, Rue Ouled Jerrar, Souissi, Rabat)

#### **3. Order Placements and Release of Payment**

The Purchase Order and payment shall be processed by “**Head of Chancery, Embassy of India, Rabat**”

#### **4. Amendment of Bidding Documents**

At any time prior to the deadline for submission of bids, The Embassy of India, Rabat may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.

#### **5. Earnest Money Deposit (EMD)**

a. The tender documents must be accompanied by Earnest Money Deposit (EMD) of appropriate amount, in the form of a Demand Draft (DD) drawn on any Nationalized Bank, in favour of “**Embassy of India, Rabat**”. The amount towards EMD is MAD 3000/- (Dirhams Three thousand only) and should be submitted in the envelope containing technical bid. Bids submitted without EMD will stand rejected. EMD will be accepted only in the form of Demand Draft/Pay Order.

**No interest shall be payable on EMD.**

b. The EMD will be returned to the bidder(s) whose offer is not accepted, within 30 days from the date of the placing of the final order(s) on the selected bidder(s).

c. The successful bidder, on award of contract/order, must send the contract/order acceptance in writing, within 07 days of award of contract/ order, failing which the EMD will be forfeited and the order will be placed to the next successful bidder.

#### **d. The EMD shall be forfeited:**

- i. If the bidder withdraws the bid during the period of bid validity specified in the tender.
- ii. If the bidder fails to furnish the acceptance in writing, within 07 days of award of contract/order.
- iii. In case a successful bidder fails to furnish the Performance Bank Guarantee.

#### **6. Period of validity of bids:**

- a. Bids shall be valid for a minimum 180 days from the date of submission of bids. A bid valid for a shorter period shall stand rejected.

- b. The Embassy of India, Rabat may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. The bidder is free not to accept such request without forfeiting the EMD. A bidder agreeing to the request for extension will not be permitted to modify his bid.

**7. Submission of Bids:**

The Bid shall be neatly arranged, plain and intelligible. Each page of the bid should be signed. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.

**8. Deadline for Submission of Bids:**

- a. Bids must be submitted before the due date and time at the address specified in the tender document. In the event of the specified date for the submission of bids being declared a holiday for the Embassy of India, Rabat, the bid-closing deadline will stand extended to the next working day up to the same time.
- b. The Embassy of India, Rabat may extend this deadline for submission of bids by amending the bid documents and the same shall be suitably notified on the website of the Embassy of India, Rabat.

**9. Late Bids:**

Any bid inadvertently received after the deadline for submission of bids, will not be accepted and returned unopened to the bidder.

**10. Criteria for Award of Contract/Order:**

- a. The Embassy of India, Rabat shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated financial bid.
- b. The lowest price criteria shall be applied on the total.

**11. Purchaser's Right to amend Scope of Work:**

If, for any unforeseen reasons, the Embassy of India, Rabat is required to change the Scope of Supply, this change shall be acceptable to the bidder without change in the unit price quoted.

**12. Interpretation of the clauses in the Tender Document**

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, Embassy of India's interpretation of the clauses shall be final and binding on all parties.

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#### **SECTION IV: MINIMUM ELIGIBILITY CRITERIA**

1. The following shall be the minimum eligibility criteria for selection of bidders at technical bid stage of the bidding process:-
  - (a) **Legally Valid Entity:** The Bidder/Bidding Firm shall necessarily be a legally valid entity either in the form of a Limited Company or a Private Limited Company registered under the relevant Act or a firm having trade license granted by City Corporation to do business in Rabat. The proof for supporting the legal validity of the Bidder/Bidding Firm shall be attached with the bid.
  - (b) **Registration:** The Bidder/Bidding Firm must have VAT/tax registration with the concerned authority. The proof in support of the same shall be attached with the bid documents.
  - (c) **Experience:** The Bidder shall have experience in undertaking similar projects for Embassies /High Commissions /Government offices/hotel/large business establishments.
  - (d) Company profile/information regarding key personnel: The bidding company shall also include in its bid, as per proforma at Annexure-6 of this document, details about the company and about its key personnel.
2. Documents supporting the Minimum Eligibility Criteria:
  - (i) As proof of having fully adhered to the minimum eligibility criteria under Section V, 1 (a), attested copies of certificates issued by the respective authority should be attached with the bid documents.
  - (ii) As proof of having fully adhered to minimum eligibility criteria at 1(b), attested copy of VAT registration certificate should be attached with the bidding document.
  - (iii) As proof of having fully adhered to minimum eligibility criteria at 1(c), attested copies of experience certificates for completed work/ongoing work issued by the Foreign Embassies/High Commissions/Government offices/hotel/large business establishments shall be attached with bid document.
  - (iv) As proof of having fully adhered to minimum eligibility criteria at 1(d), copies of supporting documents for company profile/information about key personnel may be provided along with Annexure-6 of this tender document.

## **SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)**

### **1. Prices:**

- a. The price quoted shall be considered firm and no price escalation will be permitted.
- b. Bidders must quote the price in the format given in Price Schedule at **Annexure -2** of this document.
- c. All amounts are to be quoted only in Moroccan Dirhams.
- d. The prices quoted should be inclusive of freight, insurance, packing, distribution, after sales service.

### **2. Performance Bank Guarantee (PBG):**

The successful bidder will be required to furnish the Performance Bank Guarantee in form of a Bank Guarantee for the 10% (ten percent) amount of the Purchase Order within 15 days of receipt of Purchase Order, as per the format attached to this document (Refer Annexure – 5). This bank guarantee shall remain valid till the completion of warranty period.

### **3. Warranty:**

All the items supplied shall carry minimum **02 (Two) year** on site comprehensive warranty from the date of Installation & Commissioning. The bidder must undertake to provide the installation and warranty service at Rabat. The repairing/rectification/replacement/configuration required, if any, of the items under warranty must be done at on site workshop.

### **4. Penalty for delayed Services:**

- a. The Embassy of India, Rabat reserves the right to levy penalty @ of 1 % of order value per week of delay beyond the scheduled deliveries/execution of the order successfully, subject to maximum of 5% of the order value.
- b. The Embassy of India, Rabat reserves the right to cancel the order in case the delay is more than 02 weeks.
- c. The penalties, if any shall be recovered from the 20% claim due after installation & commissioning.

### **6. Force Majeure:**

The Embassy of India, Rabat may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of nature (like earthquakes, floods, storms etc.), acts of states, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises.

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## 2-4 Megapixel H.265 Vandal Proof Network Dome IR Camera

### KEY FEATURES

- 0.008 Lux
- H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens (Auto focus)
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Built-In efficient IR LEDs, IR distance up to 30m
- Weather-proof IP-67 rated housing
- Built-in 802.3af Compliant PoE
- Support ONVIF Profile S

### IP VIDEO SURVEILLANCE SOLUTION

	DESCRIPTION	SPECIFICATIONS
CAMERA	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: <a href="#">0.008Lux@F1.2</a> , B/W: 0Lux with IR on
	WDR	Super WDR up to 120dB
	Lens	3.6mm @ F.16
	Field of View	H67.2° (3.6mm)
	Shutter Time	1/100000s~1/5s
	IR Distance	Up to 30m or more
	Day & Night	ICR Filter Auto Switch
	Max Image Resolution	2592x1520
	Frame Rate	20fps(2592x1520) 25fps(2304x1296) 25fps(1920x1080)
VIDEO	Video Compression	H.265(HEVC) / H.264 / MJPEG
	Video Bit Rate	160Kbps~16Mbps(CBR/VBR Adjustable)
	Image Setting	Brightness/Contrast/Saturation/Sharpness
NETWORK	Ethernet	1*RJ45 10M / 100M Ethernet Port
	Network Storage Protocol	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	Built-in Microphone
	Audio Compression	G.711 and AAC
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, 3D-DNR, ROI
SYSTEM	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
	Power Supply	PoE
GENERAL	Power Consumption	2.5W MAX, 5.5W MAX (With IR on) <b>{can be removed}</b>
	Weather Proof Certification	Up to IP67 Rating for Weather-resistant CE,FCC,Rohs

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	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
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, 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) <b>{can be removed}</b>
	Weather Proof	Up to IP67 Rating for Weather-resistant
	Certification	CE,FCC,Rohs

NETWORK BULLET IR CAMERA (MOTORIZED)	
<b>KEY FEATURES</b>	
- 0.008 Lux	
- Super WDR up to 140 dB	

- H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens (Auto focus)
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Built-In efficient IR LEDs, IR distance up to 30m
- Weather-proof IP-67 rated housing
- Built-in 802.3af Compliant PoE
- Support ONVIF Profile S

### IP VIDEO SURVEILLANCE SOLUTION

	DESCRIPTION	SPECIFICATIONS
CAMERA	Image Sensor	1/3" Progressive Scan CMOS
	Min. Illumination	Color: <a href="#">0.008Lux@1.2</a> , B/W: 0Lux with IR on
	WDR	Super WDR up to 120dB
	Lens	Motorized 2.8 ~ 12mm
	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
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, 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
	Power Supply	PoE
GENERAL	Power Consumption	5.5W MAX, 9.5W MAX (With IR on) <b>{can be removed}</b>
	Weather Proof	Up to IP67 Rating for Weather-resistant
	Certification	CE,FCC,Rohs



## High Speed full HD PTZ Dome (36X) Camera

### KEY FEATURES:

- 2-3 MP Resolution
- 36x Optical Zoom
- 5-120 mm Focal Length
- 255 Preset Position
- 360 Continuous Rotation
- 8 Cruise Track
- 4 Pattern Track

S.No	Description	Specification	
1.	Signal model	PAL / NTSC	<b>CAMERA</b>
2.	Image Sensor	1/1.8" or better CMOS	
3.	Effective pixel	2084(H)* 1536(V)	
4.	Horizontal Resolution	2-3 MP	
5.	Minimum Illumination	Colour-0.01 lux / B&W - 0.001 Lux	
6.	S/N ratio	>60dB	
7.	Backlight compensation	On/Off	
8.	White balance	Auto	
9.	Electronic shutter	PAL:1/25~1/100000s NTSC:1/30~1/100000s	
10.	Focus length	5-120mm	
11.	Optical focus	36x	
12.	Focus system	Auto/Manual	
13.	IR distance	150M	
14.	IR light control	Intelligent control technology	
15.	IR light angle	Infrared zoom matching technology	
16.	IR light power	Auto setting	
17.	IR on	Day/Night/Auto/Timing	
18.	IR Life	30000 hours	
19.	Horizontal range	360° Continuous rotation	
20.	Vertical range	(-90°~0°)	
21.	Preset call speed	Max 200°/S	
22.	Manual call speed	0.01°~180°/S	
23.	Presets	255	
24.	Cruise track	8 groups, each group for 16 presets	
25.	Patrol track	4 groups, each group record 3 mins	
26.	Video compression	H.265 Main Profile encoding ; MJPEG /JPEG Baseline encoding	<b>SYSTEM</b>
27.	Audio compression	G.711, G.726	
28.	Primary stream	2048*1536 25fps	
29.	Secondary stream	720P, VGA 25fps	
30.	Video bit rate	32Kbps-16Mbps continuously adjustable, support CBR / VBR	

31.	Alarm Input / Output	Yes 1/1	<b>GENERAL</b>
32.	Network protocol	TCP/IP,UDP,RTP,RTSP,RTCP,HTTP,DNS,DDNS, DHCP,FTP,NTP,PPPOE,SMTP,UPNP	
33.	ONVIF support	Support	
34.	Cooling Structure	Dustproof structure outside the circle	
35.	Protection level	IP66	
36.	Power supply / PoE	DC12V(4A)/PoE Supported	
37.	Certification	CE,FCC,RoHS	

<b>16 CH NVR (2HDD)</b>		
	<b>Description</b>	<b>Specifications</b>
<b>Audio Video</b>	Video Input	16 CH
	Video Output	HDMI (1920x1080/1440x900/1280x1024/1280x800/1024x768) VGA(1920x1080/1440x900/1280x1024/1280x800/1024x768) CVBS(1920x1080/1440x900/1280x1024/1280x800/1024x768 )
	Audio Input	Supported
	Audio Output	Supported
	Video Compression	H.264
	Video Capacity	16CH 5 MP/3MP/2MP/1.3MP/1MP
	Audio Compression	G 711U
<b>Storage</b>	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
<b>Recording</b>	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)
<b>Network</b>	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
	Network	1xRJ-45
	USB	1xUSB2.0

<b>Interfaces</b>	PTZ	RS485
	Control Device	Mouse
<b>Features</b>	Screen Layout	1/2/4/8/9/16
	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
<b>General</b>	Working Temperature	-10° ~ +55°
	Working Humidity	10% ~ 90%
	Power Supply	DC12V
	Power Consumption	≤15W (without HDD)

<b>1 PORT 10/100/1000 MEDIA CONVERTER</b>		
<b>S.No.</b>	<b>DESCRIPTION</b>	<b>SPECIFICATION</b>
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)
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**DATA SHEET FOR 16 GE + 2 SFP PORT POE SWITCH**

<b>S.No.</b>	<b>DESCRIPTION</b>	<b>SPECIFICATION</b>
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	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 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

<b>DATA SHEET FOR 24 GE + 2 SFP PORT POE SWITCH</b>		
<b>S.No.</b>	<b>DESCRIPTION</b>	<b>SPECIFICATION</b>
1	PoE Port	24*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	8.8Gbps
12	Forwarding Mode	Store and forward
13	Forwarding Rate	10 BASE-T:14880PPS/port, 100 BASE-tx: 14800pps/port 1000 BASE-T: 1488095pps/port
14	MAC Address	MAC address table 8K
15	Port function	Power priority mechanism, fast and forward, MAC automatic learning and aging 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	<400W

**Tender Submission Sheet**

**(To be submitted with the Financial bid only)**

Invitation for Tender No:

Date:

Tender Name:

To:

*[Name and address of Employer]*

We, the undersigned, offer to execute and complete in conformity with the Conditions of Contract and associated Contract Documents including Addenda Nos. .... and maintain the whole of the said works at the rates quoted against each items in the Bill of Quantities.

The total price of our Tender is:

Dh.: [insert value in figures)

[Insert value in Words]

Our Tender shall be valid for the period stated in the ITB and it shall remain binding upon us and may be accepted at any time before the expiration of that period. A Tender Security for an amount of Dh. ----- only is attached in the form of a *[state pay order, bank draft]* valid for a period of 28 days beyond the Tender validity date.

If our Tender is accepted, we commit to obtaining a Performance Security in the amount stated in the ITB and valid for a period of 28 days beyond the date of issue of the Defect Liability Certificate of Works.

We declare that the Government of the Kingdom of Morocco has not declared us, and any Subcontractors or Contractors for any part of the Contract ineligible on charges of engaging in corrupt, fraudulent, collusive or coercive practices.

We are not participating as Tenders in more than one Tender in this Tendering process. We understand that your written Notification of Award shall constitute the acceptance of our Tender and shall become a binding Contract between us, until a formal Contract is prepared and executed.

We understand that you are not bound to accept the lowest evaluated Tender or any other Tender that you may receive.

Signed

In the capacity of:

Duly authorized to sign the Tender on behalf of the Tender.

**Format for submitting the Price Schedule for supply for Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) camera system in the Embassy of India, Rabat**

**(To be submitted along with the financial bid only)**

BID No. RAB/885/02/2018

Date: .....

To,

**Head of Chancery**  
Embassy of India  
88, Rue Ouled Jerrar  
Rabat (Morocco)

**Price Schedule**

<b>S. No.</b>	<b>Item</b>	<b>Total Bid Quantity</b>	<b>Total Price (in MAD)</b>
1	2	3	
i.	2MP IP Dome Camera with Vari Focal lens, IR, WDR	7 nos.	
ii.	2MP IP Bullet Camera with Vari Focal lens, IR, WDR	5 nos.	
iii.	2MP Robust IP Bullet camera with IR illumination for outdoor HD surveillancewith H.265 and essential Video Analysis	4 nos.	
iv.	Mounting kits, wall mount, celing mount, perimeter mount	As required	
v.	Network Video Recorder with 16 channels support with expandable upto 32 channels. RAIDS, Reductant Power Supply, Recording storage for 30 days with 15 fps @ 1080p with 2000 bit rate	1 no.	
vi.	VMS software licenses for cameras	16 nos.	
vii.	Workstation with client viewing VMS licenses	4 nos.	
viii.	32" LED Monitor(wall mount)	4 nos.	
ix.	24-port Copper patch panels	1 no.	
x.	1U cable manager	3 nos.	
xi.	22U RACK 800x800 (Floor mount0 with Fan & PDU	1 no.	
xii.	Cat 6 copper cabling	As required	
xiii.	Trunking/Piping	As required	
xiv.	Camera Installation, Testing & Commissioning	1 lot	
xv.	Switches Installation, Testing & commissioning	1 lot	
xvi.	HDD 6TB	1 no.	
xvii.	UPS	1 no.	
xviii.	Any other items required to complete the scope		
	<b>Total</b>		



Yours faithfully,

Name:

(Signature of Authorized Signatory)

Designation:

Company seal:

**Notification of Award**

Contract No:

Date:

To:

*[Name of Contractor]*

This is to notify you that your Tender dated *[insert date]* for the execution of the Works for *[name of project/Contract]* for the Contract Price of Dh. *[amount in figures and in words]*, as corrected and modified in accordance with the Instructions to Tenders is hereby accepted by *[name of Employer]*.

You are requested to proceed with the execution of the Works on the basis that this Notification of Award shall constitute the formation of a Contract, which shall become binding upon you furnishing a Performance Security and signing the Contract Agreement within Seven (7) days.

We attach the Contract Agreement for your perusal and signature.

Signed

Duly authorized to sign for and on behalf of

*[name of Procuring Entity]*

Date:

**Contract Agreement**

THIS AGREEMENT made the *[day]* day of *[month]* *[year]* between *[name and address of Employer]* (hereinafter called "the Employer") of the one part and *[name and address of Contractor]* (hereinafter called "the Contractor") of the other part:

WHEREAS the Employer invited Tenders for certain works, viz, *[brief description of works]* and has accepted a Tender by the Contractor for the execution of those works in the sum of Dirhams *[Contract price in figures and in words]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereafter referred to.
2. The documents forming the Contract shall be interpreted in the following order of priority:
  - a. the signed Contract Agreement;
  - b. the letter of Notification of Award
  - c. the completed Tender Submission Sheet as submitted by the Tender;
  - d. the priced Bill of Quantities as submitted by the Tender;
  - e. Scope of Work, and
  - f. Performance Bank Guarantee
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Morocco on the day, month and year first written above.

For the Employer:

For the Contractor:

Signature

Print Name

Title

In the presence of

Name

Address

**PROFORMA OF BANK GUARANTEE**  
(on non-judicial paper of appropriate value)

**To,  
Head of Chancery  
Embassy of India  
Rabat**

BANK GUARANTEES NO:

DATE:

Dear Sir(S)

This has reference to the Purchase Order No. \_\_\_\_\_ Dated \_\_\_\_\_ been placed by EOI, Rabat M/s (Name & Address of vendor) for.

The conditions of this order provide that the vendor shall,

1. Arrange to deliver the items listed in the said order to the consignee, as per details given in said order, and
2. Arrange for the comprehensive warranty service support towards the items supplied by vendor on site across Morocco, as per the warranty clause in said purchase order.

M/s (Name of Vendor) has accepted the said purchase order with the terms and conditions stipulated therein and have agreed to issue the performance bank guarantee on their part, towards promises and assurance of their contractual obligations vide the purchase order No.

\_\_\_\_\_ M/s. (name of vendor) holds a current account with us and has approached us and at their request and in consideration of the promises, we hereby furnish such guarantees as mentioned hereinafter.

EOI, Rabat shall be at liberty without reference to the Bank and without affecting the full liability of the Bank here under to take any other undertaking of security in respect of the suppliers obligations and /or liabilities under or in connection with the said contract or to vary the terms vis-a-vis the supplier or the said contract or to grant time and or indulgence to the supplier or to reduce or to increase or otherwise vary the prices or the total contract value or to forebear from enforcement of all or any of the obligations of the supplier under the said contract and/or the remedies of the EOI, Rabat under any security(ies) now, or hereafter held by the EOI, Rabat and no such dealing(s) with the supplier or release or forbearance whatsoever shall have the effect of releasing the bank from its full liability of the EOI, Rabat here under or of prejudicing right of the EOI, Rabat against the bank.

This undertaking guarantee shall be a continuing undertaking guarantee and shall remain valid and irrevocable for all claims of the EOI, Rabat and liabilities of the supplier arising upto and until date.....

Your right to recover the said sum of Dh. \_\_\_\_\_ (Dirhams \_\_\_\_\_ only) from us in manner aforesaid will not be affected/or suspended by Reason of the fact that any dispute or disputes have been raised the said M/s and/or that any dispute or disputes are pending before any officer, tribunal or court or Arbitrator.

Our liability under this guarantee is restricted to Dh.

(Dirhams \_\_\_\_\_ Only) Our guarantee shall remain in force until unless a suit action to enforce a claim under guarantee is filed against us within six months from (which is date of expiry of guarantee) all your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

We have power to issue this guarantee in your favour under Memorandum and Articles of Association of our Bank and the undersigned has full power to do under the power of Attorney dated.

Notwithstanding anything contained herein:

- A. Our liability under this guarantee shall not exceed Dh.....(in words)
- B. This bank guarantee shall be valid up to.....& unless a suit for action to enforce a claim under guarantee is filed against us within six months from the date of expiry of guarantee. All your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there after i.e. after six months from the date of expiry of this Bank guarantee
- C. We are liable to pay the guaranteed amount or any parts thereof under this bank guarantee only and only if you serve upon us a written claim or demand or before .....
- D. The Bank guarantee will expire on .....

Granted by the Bank

Yours faithfully,

For (Name of Bank)

SEAL OF THE BANK  
Authorized Signatory

**CONTACT DETAILS FORM**

GENERAL DETAILS OF BIDDER

NAME OF THE COMPANY

NAME AND DESIGNATION OF  
AUTHORIZED REPRESENTATIVE

COMMUNICATION ADDRESS .....

PHONE NO./MOBILE NO. ....

FAX E-MAIL I.D. ....

PARTICULAR DETAILS OF THE BIDDER'S REPRESENTATIVE

NAME OF THE CONTACT PERSON DESIGNATION

PHONE No

MOBILE No

E-MAIL ID

DETAILS ABOUT KEY PERSONNEL OF THE BIDDING COMPANY (With  
ID proof/supporting documents)

- 1.
- 2.
- 3.
- 4.
- 5.