

**المواصفات الفنية الخاصة بالمنافسة العامة**

**رقم المنافسة : (٢٠١١/٤٩)**

**الخاصة بشراء وتوريد كاميرات مراقبة**

**المؤسسة العامة للاتصالات السلكية واللاسلكية**

**الإدارة العامة للمشتريات والمخازن**

**إدارة المشتريات - قسم العقود والمنافسات**

PTC

# IP Surveillance System Requirements (Mareb)



## IP Surveillance System Requirements (Mareb)

### GENERAL

- Specification section covers the vender should be do testing supplying delivering to site erecting, connection up, testing, commissioning performance testing demonstrating and handing over in working order of the complete IP Surveillance System installation.
- IP Surveillance System equipment's and installation should be supplied and installed in all applicable standards.
- Drawings and general provisions of Contract, including General and special Conditions and Division of (General requirements), apply to work of this section.

### DESCRIPTION OF WORKS

- Work should include providing all materials equipment, accessories, services and tests necessary to complete and make ready for operation.
- IP Surveillance system in accordance with Drawings and Specifications.

### EQUIPMENT'S WARRANTY

- Guarantee equipment under these specifications against defective parts.
- Supplier should bring standard warranties for a period of not less than one year from the date of initial start-up.
- In addition to the need to Owner acceptance of the software and hardware, which will mentioned in the contract of working system and include labor and coming necessary repairs at the work site and when the need.
- IP Surveillance should be provided for the areas, as shown on the drawings.
- Contractor should be responsible for the final location of all the cameras giving optimum coverage of there are-as to be surveyed.
- Contractor should be responsible for suitable bracket to fix cameras in their final locations.
- Final location, fixing methods, camera housing and color finishes should be subject to approval by the consultant Engineer.

## IP Surveillance System Requirements (Mareb)

### CAMERAS

- The cameras should be of the solid state, charge coupled device (CCO) type and should be provide a minimum of Color mode automatically switched mode to black and white pictures.
- Tube cameras will not be accepted.

#### TECHNICAL SPECIFICATION

##### **First: FIXED DOME INDOOR CAMERA IP IR.**

Detail	Qty.
1/3"Scan CMOS Day and night function Minimum illumination 0 lux with IR LED on. 18 fps at 1280 x 1024 resolutions. Connector Ethernet RJ 45. Power PoE Class 3 / DC 12V. IP address filtering 3GPP/ISMA Selectable H.264, MPEG-4SP, MJPEG compressions with dual streaming. Video motion detection. Digital input and digital output. 16 languages on Web interface	3

### MOUNTING BRACKETS

- Which should be insuring installation on ceilings.

#### TECHNICAL SPECIFICATION

##### **Second: OUTDOOR PoE BULLET CAMERA**

Detail	Qty.
• 1/3" Sony Super HAD interlaced scan CCD • Minimum illumination 0 lux with IR LED on • Built-in 3.8-9.5 mm / F1.2 DC iris vari-focal lens • 25/30 fps at full D1 resolution • Selectable MPEG-4 SP, MJPEG compressions • Two-way audio • Video motion detection • Analog video output with 540 TVL • Weatherproof IP66 rated casing • Powered by PoE Class 3 / DC 12V	4

## IP Surveillance System Requirements (Mareb)

### MOUNTING BRACKETS

- Camera Bracket and Cover.

### TECHNICAL SPECIFICATION

#### **Third: OUTDOOR SPEED DOME CAMERA**

Detail	Qty.
<ul style="list-style-type: none"><li>• 1/4" Sony EXview HAD Interlaced Scan CCD</li><li>• Day and night function with mechanical IR cut filter</li><li>• Minimum illumination 0.01 lux at F1.4</li><li>• 18x optical zoom</li><li>• 25/30 fps at full D1 resolution</li><li>• MPEG-4 ASP compression</li><li>• Video motion detection</li><li>• Digital input and digital output</li><li>• Analog video output with 530 TVL</li><li>• Weatherproof IP66 rated casing</li></ul>	1

### MOUNTING BRACKETS

- Camera Bracket and Cover.

### GENERAL SPECIFICATIONS

#### **Lenses**

- Built-in 3.3-12mm / F1.6 Megapixel vari-focal lens.
- Lenses should have a focal length selected by the contractor to give optimum coverage of the areas to be surveyed.
- Lenses should be exchanged during testing and corner missioning at no extra cost to the contract.



## IP Surveillance System Requirements (Mareb)

### CONTROL AND MONITORING

Detail	Qty.
Processor: Intel Core 2 Duo, E8400 (3.0GHz, 1333MHz, 6MB). Memory: 2048MB (1x2048MB) 1066Mhz DDR3 Dual Channel. Hard Drive: 250GB (7200RPM) SAT A 3.5inch. Optical Drive: 16X DVD+/-RW Drive. Security: Chassis Intrusion Switch. Speakers: Internal Speaker. Keyboard: Arabic USB. Monitor: LCD 19".	1

### SWITCHING

	Qty.
PoE Switch. Network Data Transfer Rate: 10/100 Mbps (24 Ports). Auto Speed Negotiation.	1

## IP Surveillance System Requirements (Mareb)

### SERVER

Items	Detail	Qty.
<i>Name</i>	<i>Brand</i>	
<i>Type</i>	<i>Rack</i>	
<i>Processor</i>	<i>One Xeon Quad-core (3.16Ghz)</i>	
<i>Cache Memory</i>	<b>L2 8 MB cache memory</b>	
<i>RAM</i>	<i>8 GB DDR3</i>	
<i>NIC</i>	<i>10/100/1000 NIC</i>	<b>1</b>
<i>HDD</i>	<i>1 Terabyte SAS 15K Hot Swap Hard driv</i>	
<i>RAID Controller</i>	<i>support RAID 0 and RAID 1</i>	
<i>Optical Drive</i>	<i>DVD Combo</i>	
<i>Monitor</i>	<i>17" LCD Monitor</i>	
<i>Software</i>	<i>Windows 2008 server</i>	
<i>Warranty</i>	<i>One Year</i>	

### SOFTWARE

Detail	Qty.
Support for multiple sites surveillance. Support H.264/MPEG-4/MJPEG formats up to Megapixel resolution. Support 1, 4, 6, 8, 9, 10, 16, 25, 36, 49, 64 window layout. PTZ and speed control, preset points and tours, mouse PTZ. E-maps with camera icons and mini live views. Scheduled, event triggered and manual recording. Time and event based search. Full screen playback with AVI video export function. 4-channel synchronized playback. Event management with motion detection and DI/DO. Two-way audio, multi-channel audio broadcast. Unlimited number of remote clients using web.	<b>1</b>

مشروع نظام الرقابة المرئية بالكاميرات لفرع مأرب  
جدول المتطلبات

N	Item	Qty	Unit Price	Total Price
1	FIXED DOME INDOOR CAMERA IP IR	3		
2	OUTDOOR PoE BULLET CAMERA	4		
3	OUTDOOR SPEED DOME CAMERA	1		
3	CONTROL AND MONITORING	1		
4	SWITCHING	1		
5	SERVER	1		
6	SOFTWARE	1		
7	INSTALLATION	1		
	TOTAL			

مع التزام الشركة :  
- بالتركيب والتشغيل للمنظومة مع توريد جميع الملحقات والكابلات اللازمة لتركيب وتشغيل المنظومة .

