

CCTV and Switches

❖ Special Conditions & Scope of Work

- Bidder should provide full installation and configuration for all the newly proposed components.
- Test and insure that all the services are up and running and work without any issues is the Bidder responsibility.
- Bidders must have an excellent experience in such environment, a complete Company profile must be presented with at least 5 years in the local market.
- The bidder must have three similar references projects.
- The bidder must be Official Partner and Authorized service center for the proposed Products (Documents must be included in Bidder proposal).
- The Bidder must have at least 3 Certified Technical persons in the proposed Products (Documents must be included in Bidder proposal).
- Vendor must be Cisco brand in switches.
- It is the bidder responsibility to provide RMS with any missing hardware components and software license required for the solution (Turn Key solution) and One Lot Tender.
- Installation (cabling and testing) if not existed– site survey is allowed.
- In CISCO Part , the bidder must be GOLD Partner

Part 1 - CCTV

Item (1.1): Indoor Dome Camera

QTY (120)

· 1/2.8"-1/3" 4 Megapixel progressive scan CMOS
· Support H.265/H.264 dual codec
· 25fps@4MP
· Supports PoE
· True WDR.
· DC Iris/
· 3D DNR
· AWB
· CMS(DSS/PSS)
· Intelligent Function
· IR LEDs length 30m

- Weatherproof: IP67

Item(1.2): Outdoor Bullet Camera

QTY(4)

- 1/2.8"-1/3" 4 Megapixel progressive scan CMOS

- Support H.265/H.264 dual codec

- 25fps@4MP

- Supports PoE

- True WDR .

- DC Iris

- 3D DNR

- AWB

- CMS(DSS/PSS)

- Intelligent Function

- IR LEDs length 50m

- Weatherproof: IP67

- CE and FCC certificate

Item(1.3): Network Video Recorder

QTY (2)

128 channels

- Intel quad – core processor

- H.265/H.264/MJPEG/ codec decoding

- min 384Mbps incoming bandwidth

- Up to 12Mp resolution preview & playback

- Support 8 SATA HDDs

- Support RAID 0/1/5/10

- Minimum 2xHDMI/ 1 VGA simultaneous video output

- 1 channel input - 1 channel output

· Multiple network monitoring
· Smart Tracking and intelligent video
· ISCSI and mini SAS for expanded storage space
· CE and FCC certificate
· Recording restore (Storage capacity) should be 4mp resolution on h265 compression @ 20 fps for 30 days .

Item (1.4): 60" screen for cctv

QTY (2)

Resolution	4k
Warranty	3 years
Ports	2 xHDMI
Cables	ALL cables

Part 2 Cisco Switches

Item(2.1) Aggregation CISCO Switches

QTY(2)

Each switch must contain at least 24 ports SFP/SFP+ 1/10 GE Fiber
Each switch must contain at least 2 ports 40GE QSFP+
SFP+ transceivers should be included
capacity min 640 Gbps
Support the ability to manage the interconnected switches as a single logical device in a form of virtual chassis system
Layer 2 and 3 non-blocking ports
Wire-speed for IPv4 and IPv6 traffic and routing
Complete Layer 3 unicast and multicast routing protocol suites are supported, such as RIPv1/v2, OSPF, EIGRP and multicast routing, including PIM-SM. All required licenses should be included.
All switch ports must be non-blocking without any oversubscription.
Redundant power supply on the offered solution
All needed fiber patch cord shall be provided
Support MACSEC , PVST ,CDP Protocols

Support MACSEC , PVST ,CDP Protocols
All Items shall be covered with Three Years minimum mother company warranty and support
Redundant power supplies and fans

Item (2.2) :48 Ports Access CISCO Switches Qty (19)

Each Switch shall provide 48 x100/1000 Mbps RJ45 Ports. (POE+)
Each Switch shall provide 4 SFP/SFP+ 1G/10G Ports, all ports should be active.
Support the ability to manage at least 8 interconnected switches as a single logical device in a form of virtual chassis system
Should be fully managed switch through web and CLI.
Non-blocking architecture.
Switch Capacity: 176 Gbps at least.
Power over Ethernet power budget: min 740 Watt
All needed fiber batch cord shall be provided
All Items shall be covered with Three Years mother company warranty and support
support to connect a Bluetooth dongle for configuration and troubleshooting using WebUI

Item(2.3) :24 Ports Access CISCO Switches Qty (13)

Each Switch shall provide 24 x100/1000 Mbps RJ45 Ports. (POE+)
Each Switch shall provide 4 SFP/SFP+ 1G/10G Ports, all ports should be active.
Support the ability to manage at least 8 interconnected switches as a single logical device in a form of virtual chassis system
Should be fully managed switch through web and CLI.
Non-blocking architecture.
Switch Capacity: 128 Gbps at least.
Power over Ethernet power budget:min370 Watt
All needed fiber batch cord shall be provided
All Items shall be covered with Three Years mother company warranty and support

Item(2.4) SFP+ Transceivers

Description	QTY
10G SFP+ Multimode Transceivers, active ports for edge switches and core	44
10GSFP+single Mode Transceivers , active port For the new aggregation switch (EX-SFP-10GE-LR).	4
10GSFP+single Mode Transceivers , active port For our existing JUNIPER core switch (EX-SFP-10GE-LR) in QAH data center	4
10G SFP+ multimode Mode Transceivers, must be compatible with the existing nexus core in RMS data center	2
Multimode Fiber patch cord LC-LC (3 meters)	8

Item(2.5)

- On Job Training Fiber Optic installation for 3 Technicians
- Professional session training at manufacturer's training facility on latest technology in switches for two persons.

الشروط الخاصة :

- كافة المواد المقدمة يجب ان تكون جديدة 100% وان يكون تاريخ الصنع ليس قبل عام 2019.
- أن تكون المواد معفاة من كافة الرسوم الجمركية والضريبة العامة على المبيعات وإية رسوم او عوائد اخرى
- يجب على الشركة بيان بلد المنشأ للأجهزة المعروضة.
- يسمح بتجزئة العطاء للجزيئين Part1 or Part2
- الاسعار المقدمة شامل التركيب والتشغيل للجزيئين .
- تلتزم الشركة بتزويد القوات المساحة الاردنية بقطع الغيار اللازمة ولمدة عشر سنوات, بعد انتهاء الكفالة المجانية , مقابل الثمن حسب الاسعار السائدة في حينه.
- على الشركة توضيح كل مواصفة من مواصفات العطاء بعرضها وارقاق ما يثبت (كتالوجات وعرض الشركة) بأن المواصفة متوفرة بالأجهزة المقدمة و تقديم Compliant Sheet مع ذكر رقم الصفحة بالكتالوج و العرض , مقابل كل مواصفة.
- تسليم وتركيب المواد كافة في الخدمات الطبية الملكية في مركز الأورام - طبربور.
- جميع الكوابل والكباين واي توصيلات أخرى -تابعه ل Part 2
- إعادة تمديد نقاط في مديرية الخدمات لمبنى مكون من 3 طوابق – تشمل 400 نقطة شامل الكوابل والكباين وال Patch panel بدون Active devices - يمكن عمل Site survey – يتم وضع السعر لهذا البند بشكل مستقل وتكون تابعه للـ Part 2 – هذا البند اختياري.

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