

MINISTERU  
TAL-AFFARIJJET BARRANIN



MALTA

MINISTRY  
OF FOREIGN AFFAIRS

Taqsimax-Xiri  
Direttorat *Financial Management*

Procurement Unit  
Financial Management Directorate

15<sup>th</sup> February 2013

## CALL FOR QUOTATIONS – QMFA 020/2013

*NOTE: When submitting offers by email,  
please include the above reference and Name of Item in the subject field.*

The Ministry of Foreign Affairs requires purchasing the following item/s:

### Supply and delivery of two (2) Network Switches for the Ministry of Foreign Affairs

#### 1. Technical Specifications

##### 1.1 Layer 2 Access Switch

1.2.1 Access Switch – (Layer 2 – of the OSI reference model)		
		Compliance
Ref 'n'	Physical Characteristics	Circle your submission
	1 Rack Unit height.	YES / NO
	Supplied with Telco type brackets for 19-inch Telco type racks.	YES / NO
	Mounts in EIA Standard 19-inch Telco type racks.	YES / NO
	Internal Power Supply Unit – (200-240 Voltage – Alternative Current) complete with (UK AC-IEC – C13 10-13 AMP) AC Power cable.	YES / NO
<b>Architecture &amp; Performance:</b>		
	Supports Stacking architecture with single IP address for management.	YES / NO
	Throughput: 41 million packets per second ( <i>Minimum</i> ).	YES / NO

	<b>Note:</b> As part of the response, bidders are to specify the throughput of the specified switch.	
	Switching fabric performance - 56 Gbps ( <i>Minimum</i> ).  <b>Note:</b> As part of the response, bidders are to specify the switching fabric performance of the Flash Memory of the specified switch.	YES / NO
	MAC Address table size - 16,000 entries ( <i>Minimum</i> ).  <b>Note:</b> As part of the response, bidders are to specify the size of the MAC Address table of the specified switch.	YES / NO
	Minimum support of 512 VLANS  <b>Note:</b> As part of the response, bidders are to specify the maximum number of VLANS	YES / NO
<b>Ports Density &amp; Memory:</b>		
	Minimum 24 Auto-Negotiation, Auto-MDIX, RJ45 10/100/1000 ports compliant with IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) and with IEEE 802.3ab (1000Base-T) standards.  Duplex: 10BASE-T or 100BASE-TX:- half or full duplex 1000BASE-T:- full duplex only  <b>Note:</b> The specified ports must not from part of a combo ports group.	YES / NO
	Minimum 4 fixed Small Form-factor Pluggable (SFP) slots  Mini-GBIC open slots for optical 1000Base-SX or 1000Base-LX Gigabit or 1000Base-LH Gigabit Fibre Ports.  <b>Note:</b> The specified ports must not from part of a combo ports group.	YES / NO
	1 RJ-45 and/or 1 USB micro-B Management Console Port for out-of-band management.	YES / NO
	No Redundant Power Supply (RPS) Port required	YES / NO
	Flash Memory - 256MB ( <i>Minimum</i> ).  <b>Note:</b> As part of the response, bidders are to specify the memory size of the Flash Memory of the specified switch.	YES / NO
	DDR3 DIMM - 128MB ( <i>Minimum</i> ).  <b>Note:</b> As part of the response, bidders are to specify the memory size of the SDRAM of the specified switch.	YES / NO
<b>Management / Monitoring:</b>		
	Management through Command Line Interface (CLI) and Hyper Text Transfer Protocol (HTTP) Web browser GUI Interface.	YES / NO

	RFC-792 Internet Control Management Protocol (ICMP).	YES / NO
	RFC-3376 Internet Group Management Protocol (IGMP) Version 3.	YES / NO
	RFC-783 – Trivial File Transfer Protocol (TFTP) Revision 2.	YES / NO
	RFC-951/RFC-1542 IP/UDP Bootstrap Protocols (BOOTP).	YES / NO
	<p>Troubleshooting protocol such as IEEE 802.1AB Link Layer Discovery Protocol (LLDP) or equivalent to test and discover Layer 2 point-to-point connectivity. This protocol periodically must check connectivity and shall send update messages. The message must include details such as, (device name, device capabilities, device software version, and device IP address).</p> <p><b>Note:</b> As part of the response, bidders are to specify the protocol and it's version number</p>	YES / NO
	RFC-2030 Simple Network Time Protocol (SNTP) Version 4.	YES / NO
	RFC-868 Time Protocol which provides a way to poll the current time from a time server.	YES / NO
	RFC-854 Telnet Protocol.	YES / NO
	HTML Management Interface.	YES / NO
	Simple Network Management Protocol (SNMP) versions 1,2c and 3.	YES / NO
	<p>Device must be fully compatible and fully controllable through one of the following already installed management tools</p> <p>Cisco works LMS Ver4.2 or HP Procurve Manager Ver4.00</p> <p>Suppliers may also specify an alternative management application tool, should this provide the following minimum features :-</p> <ul style="list-style-type: none"> <li>• Mass configuration deployments,</li> <li>• Automatic device configuration backup,</li> <li>• Mass operating system upgrades,</li> <li>• Secure web access management interface,</li> <li>• Support SNMP V2,V2c &amp; V3,</li> <li>• Manage devices through encrypted protocols such as SSH and HTTPS.</li> </ul> <p>Preferably these tools should also provide :-</p> <ul style="list-style-type: none"> <li>• Configuration change audit.</li> </ul> <p>The cost of the alternative management application tool should be quoted separately. The additional quotation should be annexed with the submission and should indicate the cost of all necessary licences to install the software in a virtual environment. The supplier should also quote the installation/configuration of the new management application and the cost of training required to support the equipment.</p>	YES / NO

<b>MIB support:</b>		
	RFC-2618 Authentication Dial-In User Service (RADIUS) Client (MIB).	YES / NO
	RFC-2620 RADIUS Accounting Client MIB	YES / NO
	RFC-2674 Managed Objects for Bridges with Traffic Classes, Multicast Filtering and Virtual LAN Extensions.	YES / NO
	RFC-1493 Managed Object for Bridges (MIB).	YES / NO
	RFC-2863 Interfaces Group (MIB).	YES / NO
	RFC-1213 Management Information Base for TCP/IP Network Management (MIB II).	YES / NO
	RFC-2737 Entity (MIB) Version 2.	YES / NO
	RFC-2665 Managed Object for Ethernet-like Interface type (MIB).	YES / NO
	RFC-2819 Remote Network Monitoring Management Information Base.	YES / NO
	RFC-2613 Remote Network Monitoring MIB Extensions for Switched Networks (MIB).	YES / NO
	RFC-2021 Remote Network Monitoring Management Information Base Version 2 using SMIv2.	YES / NO
<b>Security:</b>		
	RFC-1492 Access Controller Access Control Systems Plus (TACACS+).	YES / NO
	Secure Shell (SSHv1, SSHv2) Protocols.	YES / NO
	Secure Sockets Layer (SSL).	YES / NO
	IEEE 802.1x Port-Based Access Authentication standard.	YES / NO
	IEEE 802.1x with Guest Vlan.	YES / NO
	RFC-2138 Radius Authentication.	YES / NO
	RFC-2886 Radius Accounting.	YES / NO
<b>Other Protocols &amp; Standards:</b>		
	IEEE 802.3x Flow Control protocol.	YES / NO
	IEEE 802.3ab 1000Base-TX.	YES / NO
	IEEE 802.1d Spanning Tree Protocol (STP).	YES / NO
	IEEE 802.1w Rapid Convergence Spanning Tree Protocol (RSTP).	YES / NO
	IEEE 802.1s Multiple Spanning Tree Protocol (MSTP).	YES / NO
	IEEE 802.1ad Link Aggregation Control Protocol (LACP).	YES / NO

	IEEE 802.1q VLANs Support.	YES / NO
	IEEE 802.1q VLAN Tagging.	YES / NO
	IEEE 802.1p Layer 2 Quality of Service / Class of Service (QoS/CoS) Protocol for Traffic Prioritization.	YES / NO

		<p><b>General Programme Solidarity &amp; Management of Migration Flows (2007 – 2013)</b></p>	
<p>This project is part-financed by the European Union European Fund for the Integration of Third Country Nationals (IF)</p>			
<p>Co-financing rate: 75% EU Funds: 25% Beneficiary Funds</p>			
<p><b><i>Sustainable Management of Migration Flows</i></b></p>			

## 2. Schedule of Prices

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### Supply and delivery of two (2) Network Switches for the Ministry of Foreign Affairs

Item	Description	Qty	Unit	Unit Price in € including VAT and Delivery Charges	Total Price in € including VAT and Delivery Charges
1	Network Switches	2			
Grand Total Price in € including VAT and Delivery Charges					

Full Name of Company	
Address of Company	
Full Name of Contact person representing the Company	
Contact Telephone Number	
Mobile Number	
Fax Number	
VAT Number	

### 3. Instructions to tenderers:

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1. You are kindly requested to submit your quote/s for the above item/s.
2. All quotations should include the following information:
  - 2.1. Full name of company,
  - 2.2. Address of Company,
  - 2.3. Full name of contact person,
  - 2.4. Contact Telephone Number / Mobile Number & Fax Number,
  - 2.5. Email Address,
  - 2.6. VAT number,
  - 2.7. Quotation Date,
  - 2.8. Literature, Drawings, Digital Images and / or technical data of item being quoted,
  - 2.9. Estimate of delivery period.
3. Quotations should be in Euro currency. Prices quoted are to be quoted Duty Delivery Paid and VAT component quoted separately. Where a payment transaction does not include a currency conversion, the payee shall pay the charges levied by his payment service provider, and the payer shall pay the charges levied by his payment service provider.
4. Quotes must be provided in Word, Excel, pdf or jpg formats. Other formats will NOT be considered.
5. Please note that ALL quotations must include the Reference number together with the name of item being requested. In cases, where this information is not included, the Contracting Authority reserves the right NOT to consider the quotations.
6. Quotes must be valid for a minimum of 90 days.
7. Delivery costs must be included in all received quotes.
8. The Government reserves the right to:
  - 8.1. impose Penalties if items are not delivered within the time stipulated in the quote submitted by the awarded tenderer, which must never exceed 3 weeks from date of order;
  - 8.2. purchase a quantity of items on behalf of the awarded tenderer if the awarded tenderer fails to deliver the items within the time stipulated in the quote submitted by the same tenderer, which must never exceed 3 weeks from date of order.
9. Samples may be requested and are to be submitted, without any commitment on behalf of the government. Samples are to be delivered at the same address as above. All samples are to be labelled with Tenderer Name, Name of Item and Quote Reference. Unlabelled Samples will not be considered
10. Clarifications can be sought up to THREE WORKING DAYS before the closing date. Clarification are to be requested by sending an email to [procurement.mfa@gov.mt](mailto:procurement.mfa@gov.mt)
11. Tenderers must quote all components of the price inclusive of taxes, customs and import duties and any discounts. Tenderers not registered with the VAT authority in Malta, must still

include in their financial offer any VAT that the contracting authority may have to pay either in Malta or the country where the tenderer is registered irrespective of the reverse charge mechanism. The financial offer will be considered as the total financial cost to the contracting authority including any VAT that may have to be paid not through the winning tenderer. Except as may otherwise be provided for in the contract, no payment will be made for items which have not been costed.

12. All Suppliers/contractors are advised to bid their rates and prices on the appropriate Schedule of Rates provided at Clause 2 above. No offers are accepted if are found not in accordance with or deviate from the original Schedule of Rates provided with this.
13. If the tenderer offers a discount, the discount must be absorbed in the rates of the Bill of Quantities/Financial Statement. The prices for the contract must include all of the works to be provided.
14. The prices quoted are fixed and not subject to revision or escalation in costs.
15. Tenderers are requested to be guided the following guidelines related to CE markings in line with Maltese and EU Legislations:
  - 15.1. Tenderers must conform with CE standards and any applicable local legislations and thus, shall be bound to submit the Declaration of Conformity upon request. (where applicable);
  - 15.2. Quoted Item is to include CE mark wording, basic compliance requirements and certifications on specifications. The CE mark is to be present on the outer pack, instructions leaflet, and where possible, on the product itself. The CE-mark must be in a specific format as shown in Figure 1. No other marks will be considered acceptable. (where applicable)



*Figure 1 –CE Mark*

- 15.3. Quoted Item is to display relevant information and warnings as specified in Annex 1 Section 13 of Directive 93/42/EEC. (where applicable)
16. Quotations, specifications and manuals must be in English or Maltese. Tenderers submitting information, specifications and manuals in other languages only will be automatically disqualified. (where applicable).
17. The outer pack and leaflet of the Quoted item is to bear the FULL name and address of the manufacturer. The product itself, where possible, must also bear the FULL name and address of the manufacturer. If the manufacturer is based outside EU, the full name and full address of his officially appointed EU authorised representative must also be present. Thus, products manufactured outside the EU are to bear TWO addresses. (where applicable)



18. Items offered that do not conform to specifications will not be considered.
19. Tender will be awarded to the cheapest specifications compliant offer.
20. Quotation can be submitted either by email on [procurement.mfa@gov.mt](mailto:procurement.mfa@gov.mt) or delivered by hand, and deposited in the Tender Box found at the **Financial Management Directorate, Ministry of Foreign Affairs, Level 4, 331, Allied House, St Paul's Street, Valletta**. Opening hours of the Financial Management Directorate are from Monday to Friday between 8.00 am and 12.00 pm only. Offers received via E-mail will be inserted in a sealed envelope and posted in the respective tender box.
21. Please note that it is entirely the Tenderer's responsibility to ascertain that the quote is received BEFORE the deadline for submission of quotes. Thus, the government cannot be held responsible for quotes which are not recorded on the Schedule of Offers sheet after the quotes opening session because these were received after the expiry of the above deadline.
22. Offers must reach the Ministry of Foreign Affairs by no later than 1000hrs on Tuesday 12<sup>th</sup> March 2013. ANY OFFERS SUBMITTED AFTER THIS DATE AND TIME WILL BE AUTOMATICALLY REJECTED.