

المواصفات الفنية الخاصة بالمناقصة العامة

رقم المناقصة : (٢٠١٣/١٢)

الخاصة بشراء وتوريد عدد (٤٠) جهاز قياس الشبكة

النحاسية وخدمات الانترنت ADSL مع التدريب

الداخلي

المؤسسة العامة للاتصالات السلكية واللاسلكية

الإدارة العامة للمشتريات والمخازن

إدارة المشتريات - قسم العقود والمناقصات

DSL Tester Specifications:

Item	Specifications	Qty.
Test Functions:	ADSL1/2/2+ Services and Copper	40
Design:	Handheld design	
Display:	TFT Color display (Touch screen preferred). Easy to use: GUI	
Standards compliance: (Not limit to)	ITU-T G.992.5 (ADSL2+) ITU-T G.992.3 (ADSL2 including), ITU-T G.992.1 (G.DMT) ITU-T G.992.2	
Test interfaces and connectors:	RJ11 ,Ethernet Port(RJ45) , USB, and power	
Connectivity support:	LAN/WAN status DNS, gateway DHCP	
Protocols Support (not limit to):	PPPoE/LLC PPPoA/VCMUX	
Characteristics shall be include:	<ul style="list-style-type: none"> • Test upstream/downstream max bit rate, channel utilization, noise margin and power. • Line Attenuation. • Fast pass/fail Copper tests with DMM (ACV, DCV, Loop and Insulation Resistance, Capacitance, Line length(Preffred). • Detect and indicate ADSL alarms and errors, ES statistics such as <ul style="list-style-type: none"> - Transmit total frames - Severe Error Frame (SEF) - Loss of Signal (LOS) - Loss of Frame (LOF) - Cyclic Redundancy Check (CRC) anomalies • Supports MODEM emulation and simulating Internet login. • IP PING test for ADSL and LAN. 	
Alarms:	Beep and LEDs alarm indications (Low power, ADSL, and Ethernet)	
Power Safe:	Auto shut-off.	
Battery :	Rechargeable lithium battery.	
Others shall be included:	<ul style="list-style-type: none"> • Catalogues • User manual in English • Accessories package such as (carrying bag, USB cable, power...etc). • System firmware shall be the latest version • Provided all required licenses (if any) to operate the features that are mentioned 	

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	above.	
Warranty and Technical Support	One year.	
Note	Results storage and export to a personal computer. Any analysis application will be an advantage Web browser will be an advantage	
Power	Input: AC 220V(+ -15%), 50/60Hz	

Local Training:

No of trainee	40
Location	In Yemen
Period	5 working days One day is Included as onsite training Location ,training material and services are bidder responsibility
Subjects:	<ul style="list-style-type: none"> • An explanation about protocols types and measurement parameters ranges (the accepted ranges to give a services to a customer) • Dealing with the Testers Devices • In-site practical training (for last day)
Instructor :	<ul style="list-style-type: none"> • expert in the offered tester devices • Instructor CV is attached
The bidder shall provide a user manual for testers in Arabic or tutorial (tailor-made) for the test instructions in Arabic at the training period.	

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