

المواصفات الفنية الخاصة بالمناقصة العامة
رقم المناقصة : (2013/22) الخاصة بشراء وتوريد
عدد (60) مودم ضوئي

Optical modem 8*E1 and 1*Fast Ethernet port

Items

Specifications

General specifications	Should be Modular Design and working together (E1 and Ethernet) Support cards hot pluggable and automatic detection of efficient channel without Effect the traffic
Capacity	At least 8E1 and 1 port (10/100Base-TX) Fast Ethernet Management interface LCD and keys button
Menu Operation	All setting and current ,History alarm in local and remote should be available by LCD display. Alarm display : colored LEDs indicators (Critical, Major) Bit Rate: 2.048 Mb/s \pm 50 ppm Line Code: HDB3 Line Impedance: 120 Ohm Connectors (RJ45) Pulse Shape: ITU-T G.703 and G.704 / jittering G.823
E1 Interfaces:	10/100Base-TX - Full/Half duplex -auto-negotiation - auto MDI/MDIX Wire speed: 100Mb/s Physical connector: RJ45 Supporting the transmission of VLAN packets
Ethernet Interface	Support using single fiber for sending and receiving (bidirectional) (optional) Single mode - Wavelength: 1550 nm Data_rate : 155Mbps 1+1 optical line auto protection Connectors FC/PC. Distance (50-80 Km).
Optical Interfaces:	
Test Loop	Local and Remote Loop Back for E1 interface
Power supply:	Both AC (220V) and DC (- 48V DC) without any external power transformers
Quantity	60

