No	Description	Qty

1	**ToR Switches** (_Data Center_)
	Switch 24 ports; 8xmGig, 16x1G, UTP with 4x10GB Fiber uplinks
	  – Fiber Transceivers 4x10GB SFP
	  – Stack module with stack cables 0.5M
	  – Multilayer switching & routing; support VLANs
	  – Redundant power supplies, fans, …
	  - Fiber cables 5M with connectors SFP to X2 (qty:4)
	  – **Please state the fiber transceivers price separately**
		2

2	**Switches:** _(QA tower & Notam.)_
	
	QA Tower
	Switch 48-ports GE PoE+, 4 x 1G Fiber
	  – Fiber Transceivers 2x1GB SFP single ;LX
	  – Stack module with stack cables 0.5M
	  – Multilayer switching & routing; support VLANs
	  – Redundant power supplies, fans, …
	  - Fiber cables 1M single (qty:2)
	  – **Please state the fiber transceivers price separately**
		2

	QA Notam
	Switch 16 ports GE POE with fiber uplinks module
	  - 2x1GB fiber SFP single; LX
	  - Redundant power supplies, fans, …
	  - Fiber cables 1M single (qty:2)
		1

3	**Switches for Remote sites** (_Amman Tower + Stores_) Switch 16 ports GE POE with fiber uplinks - 2x1GB fiber SFP SX; multimode	2
4	Installation, configuration and operation Contractor shall export all existing running configuration to the new proposed solution	
5	Delivery time less than 14 weeks	
6	Warranty 3 years	
7	**Bidder shall cost of each item type separately**	