

## Specification for Core Switch or Equivalent solution

The Contractor shall visit the site and shall be responsible for obtaining all information, which may be necessary for the purpose of preparing the offer and entering into a contract.

| No | Description  | Qty |
|----|--|-----|
| 1  | <p><b>Modular Core Switch or Equivalent solution</b> (<i>Data Center</i>)</p> <ul style="list-style-type: none"> <li>- Enough redundant power supplies and fans</li> <li>- Redundant management modules</li> <li>- Multi-layer switch</li> <li>- Support high-speed multi-gigabit bandwidth and PoE+ power</li> <li>- Min. 4 ports fiber LX 10GB with LX fiber transceivers (distance about 1500 M) to connect with core switch in Amman tower.</li> <li>- Min. 6 ports 10GB SX to connect with ToR switches in Data Center</li> <li>- Min. 24 fiber SX/LX ports autosensing multi-gigabit speeds with Fiber transceivers</li> <li>- Min. 40 RG-45 UTP ports autosensing multi-gigabit speeds</li> <li>- State the fiber transceivers price separately: 1G, 10G, 40G, .....</li> <li>- State fiber cables price SX and LX 1/2m, 1m</li> </ul> <p><b>To replace and trade-in the existing one:</b></p> <p><b>Existing:</b> WS-C4506-E 6 slot switch<br/>CoreSw# sh inventory<br/>NAME: "Switch System", DESCR: "Cisco Systems, Inc. WS-C4506-E 6 slot switch "<br/>NAME: "Linecard(slot 1)", DESCR: "Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE X2 ports"<br/>NAME: "Linecard(slot 2)", DESCR: "1000BaseX (SFP) with 24 SFP Ports Jumbo Frame Support"<br/>NAME: "Linecard(slot 3)", DESCR: "10/100/1000BaseT (RJ45) with 48 10/100/1000 baseT "<br/>NAME: "Fan", DESCR: "FanTray"<br/>NAME: "Power Supply 1", DESCR: "Power Supply ( AC 1400W )"<br/>PID: PWR-C45-1400AC<br/>NAME: "Power Supply 2", DESCR: "Power Supply ( AC 1400W )"<br/>PID: PWR-C45-1400AC</p> | 1   |

**Modular Core Switch or Equivalent solution: Optional** *(Amman tower switch.)*

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- Redundant Management modules
- Redundant PS ; fans
- Min. 16 ports UTP auto speed ports RG-45
- Min. 12 ports auto speed multi-gigabit speeds with Fiber transceivers fiber SX
- Min. 6 ports fiber LX 10GB with LX fiber transceivers (distance about 1500 M) to connect with core switch in Data Center
  - State the fiber transceivers price separately: 1G, 10G, 40G, .....
  - State fiber cables price SX and LX 1/2m, 1m

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**To replace and trade-in the existing one:**

**Existing: HP core switch : 8206zl**

Chassis: 8206zl J9477A Serial Number: SG9484D4D4

| Slot | Module Description                       | Serial Number | Status  |
|------|--|---------------|---------|
| ---- | -----                                    | -----         | -----   |
| MM1  | ProCurve J9092A Management Module 8200zl | SG943BP08G    | Active  |
| MM2  | ProCurve J9092A Management Module 8200zl | SG940BP07Z    | Standby |
| SSM  | ProCurve J9095A System Support Module    | SG945BZ009    | Present |
| FM1  | ProCurve J9093A Fabric Module 8200zl     | SG944BQ04S    | Enabled |
| FM2  | ProCurve J9093A Fabric Module 8200zl     | SG944BQ00S    | Enabled |
| A    | ProCurve J8705A Gig-T/SFP zl Module      | SG940AU0DY    | Up      |
| B    | ProCurve J8705A Gig-T/SFP zl Module      | SG940AU0H9    | Up      |
| C    | ProCurve J8707A 4p 10-GbE zl Module      | SG940AX00K    | Up      |
| D    | ProCurve J8707A 4p 10-GbE zl Module      | SG940AX08Y    | Up      |

3 **Delivery time**

4 **Warranty 3 years**

5 **Bidder shall cost of each item type separately**

6 **State trade in price for each of existing 2 core switches**

7 Installation, configuration and operation  
Contractor shall export all existing running configuration to the new proposed solution

8 The vender is responsible for full installation of the system and to have it work properly according to international standards, and to provide technical consultations to resolve any problems.

The bidder shall be at least gold partner with manufacturer

The bidder shall provide Company Profile & practical experience with related fields

**Warranty:**

Warranty period after the date of final acceptance, Maintenance percentage shall be indicated in the offer after the free warranty period for 5 years.

**Spare parts:**

This offer will be use as price reference for future spare parts requirement; kindly requested to price modules, SFPs and fiber cables

**Training:**

Training for 2 persons shall be provided and detailed with the proposed project.