

**REPLIES TO THE QUERIES  
REGARDING TENDER FOR PROCUREMENT OF IT EQUIPMENT/ COMPUTER HARDWARE, FURNITURE & FIXTURE**

Query	Reply
<p><b><u>Tech Access</u></b></p> <p>With respect to subject project, we have following queries for your kind attention:</p> <ol style="list-style-type: none"> <li>1. Authorized partners of OEM (Distributors, Resellers or Authorized Letter from mentioned Partners) for items where applicable  <b>Concern:</b> Only partner can resell on the behalf of OEM's , distributor's generally work is to provide prices and processing orders on the behalf of Partner to OEM. Kindly make the RFP to partner specific.</li> <li>2. Past Experience with Planning Commission: Up to 10 marks may be deducted on level of performance up to minus 10. (between +10 to -10 Marks)  <b>Concern:</b> What if a company don't have experience with Planning commission ? Clearly favorable for companies who have past experience with Planning commission . Kindly make it generalize.</li> <li>3. <b>Concern:</b> Kindly make the LOT-1 as item wise or create a separate Lot for Storage , Microsoft , Antivirus and servers as all major vendors are not dealing in all components mentioned . Kindly make it generalize.</li> </ol> <p>Looking forward for support for healthy and fair competition.</p> <p><b>Regards,</b>  <b>Jawad Qureshi</b>  Sales Account Manager</p> <p><b>Phone: +92-51-2318191-93; Ext: 162</b>  <b>Mobile : +92 305 3993926</b></p>	<ol style="list-style-type: none"> <li>1. OEM partner can also participate.</li> <li>2. Experience of working with other public sector organizations will be treated (-10 to +10) similar to working with Planning Commission.</li> <li>3. Details given in bidding documents will be followed.</li> </ol>
<p><b><u>C.Digital</u></b></p> <p>For above reference, please clarify the following:</p> <p>1) In Tender Document bid security is demanded in the shape of Pay Order/Demand Draft.  We request you to please allow the Bidders to submit the Bid Security in the form of Bank Guarantee also. As many other departments (Federal and Provincial) which are procuring the goods and services through competitive processes allow the responding organizations to furnish the bid security in the shape of Bank</p>	<ol style="list-style-type: none"> <li>1. Details given in bidding documents will be followed.</li> </ol>

Guarantee which is more reliable form of Bid Security/Earnest Money.

2) Bidding Documents need to be issued from Planning department or not? Please clarify there is no fee mentioned in the bid document for issuance/collection of document.

Awaiting your response at earliest.

Thanks  
Regards

--  
Isma Sadaf

Deputy Manager (BD & Projects)

#275-C, Street 13, Chaklala Scheme III, Rawalpindi, Pakistan, 46000.

Cell: +92-3345854790 | Phone: +92-51-5133790-2 | Fax: +92-51-8733106 | Skype Id: isma@cdigital.com.pk

isma@cdigital.com.pk | www.cdigital.com.pk

2. No fee is required for purchase of Tender Document.

### Mega Plus

Hope you are fine with good health, reference to you tender notice regarding procurement of IT equipment in this regards we have some queries so kindly address us so that we may participate with fully compliance.

<b>Query:</b> # 1	
<b>Clause</b>	<b>Query: (Sr# 01, 03, 11) (Page# 29, 30)</b>
<b>Clause Brief</b>	<b>Mismatched Network Connectivity:</b>
<b>Query Brief</b>	<p><b><u>SAN Storage-1 Connectivity Clause:</u></b>  <b><u>SAN Storage-2 Connectivity Clause:</u></b>  <b><u>Server Connectivity Clause:</u></b>  <i>We are assuming Server (which you are going to procure) connects with the requested SAN Storages. Keeping in mind you're requesting 10G Base-T Connectivity in Storages and 10G SFP+ Connectivity in Servers. It should be same to establish the connection in between Server and SAN Storages. SAN connectivity has to be revised to 10G SFP+..</i></p> <p><i>Secondly, we are assuming the requested Solution is for single location, if yes then there is no need of multiple TOR Switches, keeping in mind 1x TOR switch is enough for the Solution..</i></p> <p><b>NB: Please Note that switch should be of the same connectivity i.e. Server and Storage for the end to end connectivity.</b></p>
<b>Query:# 2</b>	
<b>Clause</b>	<b>Rack Server Query: (Sr# 03) (Page# 30)</b>
<b>Clause Brief</b>	<b>RAM Speed Confirmation:</b>

1. Details given in bidding documents will be followed however 2<sup>nd</sup> option may be quoted separately.

2. Details given in bidding documents will be followed however higher specifications may be quoted.

Query Brief	Please Note that requested 4210 Processor can operate on 2400MT/s RAM Speed and 3200MT/s RAM Speed can provide by Dell EMC only. Kindy make it generic i.e., 2933MT/s, then all OEMs can participate..
-------------	--

Query:# 3	
Clause	SAN Switch Query: (Sr# 03) (Page# 30)
Clause Brief	SAN Switch Ports Confirmation:
Query Brief	Please confirm the number of Active 10G SFP+ Ports ? 2. Do you want redundant SAN Switches or not ? 3. Connectivity Cables are required, if yes then kindly confirm the length of LC-LC Cables, i.e. 1M, 3M, 5M etc ?

Reference RFP Page NO. 20, SN 5, Principle presence

Need to revised as HP has not local presence so no one participate as there are requirements of printer also so need to be generic for maximum participation.

Best Regards,

Raja Azkar

Asst. Manager Business Development Islamabad

UAN: 111-00-355 | Tel: (+92-51) 222 8677, 222 8617

| Mobile: (+92) 322 533 8279)

| Fax: (+92-51) 222 8430 | Website: www.megaplus.com.pk

**\*\*Please do not print this e-mail unless absolutely necessary**

3. Fully populated SAN Switch.

4. Legal OEM representation and items are required through legal and authorized channel.

LOT # 1: EQUIPMENT & SOFTWARE			
No	Name of Item	Specification	Queries
1	Storage Area Network (SAN) for backup (48TB to 50TB)	Storage Array	
			Please mentioned about the Storage Cachae per Array
		10Gb iSCSI BaseT 8 Port 5U	As this Mentoned Storage is entry level storge so change the 5U from 2U
		28 X 1.8TB HDD 10K 512n SAS12 2.5	Please also confirm do you required usbale capcity of 50Tb or Raw Capacity
		Rack Rails 2U	
		Power Supply, Redundant	
		2 X Jumper Cord - C19/C20, 2.5M, 250V,16A	

All Queries;

1. Details given in bidding documents will be followed however, higher specifications may be quoted.

		3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS	
		Technical Support-Emerging DBS	
		<b>Dell EMC ME4084 or Equivalent</b>	
		<b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps	<b>For TOR Switch:</b> Please confirm that the Switching capacity and Forwarding Speed you mentioned in for the 48 Port Switches not for 24-Port Switches. Please change this to 48-Port Switches
<b>2</b>	<b>Workstations for GIS Cell at JACC</b>	<b>Processor:</b> Intel Xeon Silver 4210 2.2GHz,(3.2GHz Turbo, 10C, 9.6GT/s 2UPI, 13.75MBCache, HT (85W) DDR4-2400 1st) or higher	
		<b>RAM:</b> 16GB 2x8GB DDR4 2666MHz RDIMM ECC Memory	
		<b>SSD:</b> 2.5" 512GB SATA Class 20 Solid State Drive	
		<b>HDD:</b> 3.5" 2TB 7200rpm SATA Hard Drive	
		<b>DVD:</b> 8x DVD+/-RW 9.5mm Optical Disk Drive	
		<b>Graphic Card:</b> Dual NVIDIA Quadro P400, 2GB, 3 mDP, 6 mDP to DP adapter 7X20T	
		<b>Monitor:</b> LED 18.5" or higher	
		<b>Mouse:</b> Wired Mouse Black	
		<b>Keyboard:</b> Wired Keyboard KB216 Black (English)	
		<b>OS:</b> Windows 10 Pro for Workstations (4 Cores Plus) English	
		<b>Warranty:</b> 3 Year Limited	
		<b>Casing:</b> Original, Tower with 250W or more power supply	
		<b>HP, Dell or Equivalent</b>	
<b>3</b>	<b>Server machine + Connections to SAN (SFPs) for GIS Lab</b>	<b>Processor:</b> 2 X Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT(85W) DDR4-2400	
		Chassis with up to 16 x 2.5" SAS/SATA Hard Drives for 2CPU Configuration	
		3200MT/s RDIMMs	

		<b>RAM:</b> 2 X 16GB RDIMM, 3200MT/s, Dual Rank	
		<b>HDD:</b> 4 X 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive	
		PERC H730P RAID Controller, 2GB NV Cache, Adapter, Low Profile	Please make it Generic its Brand Specific, it should be Raid Controller with 2GB Cachae
		6 Standard Fans	Please make it Generic its Brand Specific, it should nbe 4 fans or more
		2 X Standard 1U Heatsink	
		2 X Jumper Cord - C13/C14, 4M, 250V, 10A	
		Broadcom 57412 Dual Port 10GbE SFP+ & 5720 Dual Port 1GbE BASE-TrNDC Brand Specific Try to be generic	Please make it generic as its brand Specificour brand will give the Intel based Network Card with same Capacity
		<b>DVD:</b> DVD+/-RW, SATA, Int	
		<b>Power Supply:</b> Dual, Hot-plug, Redundant Power Supply (1+1), 750W	
		<b>Mouse:</b> Wired Optical Mouse – Black	
		<b>Keyboard:</b> Black Wired Multi-Media Keyboard English	
		UEFI BIOS Boot Mode with GPT Partition with 18.5" or higher LED	
		<b>Warranty:</b> 3 Year Limited	
		<b>SAN Switch:</b> 16 port SAN Switch with SFPs ModulesConnectivity with existing servers	Please confirm that do you required HBA Cards in severs or Separate SAN Switches. Please also confirm about the existing servers details
		<b>HP, Dell or Equivalentans</b>	
<b>11</b>	<b>Storage Area Network (SAN) for backup (15TB - 20TB)</b>	<b>Storage Array</b>	
		<b>Please mentioned about the Storage Cache per Controller</b>	
		ME4 2U Bezel	
		10Gb iSCSI BaseT 8 Port Dual Controller	
		15 X Hard Drive Filler 2.5in, Single Blank	

		9 X 2.4TB 10K RPM SAS 12Gbps 512e 2.5in Hot-plug Hard Drive	
		Rack Rails 2U	
		Power Supply, 580W, Redundant, Flex	
		2 X Jumper Cord - C13/C14, 4M, 250V, 10A	
		3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS	
		Technical Support-Emerging DBS	
		<b>Dell EMC ME4024 or Equivalent</b>	
		<b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps	<b>For TOR Switch</b> Please confirm that the Switching capacity and Forwarding Speed you mentioned in for the 48 Port Switches not for 24-Port Switches. Please change this to 48-Port Switches
<p><b>Network Switch 48 port layer 3 manageable switch (Juniper): Qty = 02 Nos</b></p> <ul style="list-style-type: none"> <li>☐ 48-port 10/100/1000BASE-T</li> <li>☐ 4 x 1/10GbE SFP/SFP+ can be individually configured as Gbe or 10 Gbe ports, <b>2 x QSFP+ 40GbE uplinks why you need this.</b></li> <li>☐ Redundant field replaceable power supplies, Redundant fans</li> <li>☐ <b>Stackable up to 10 Switches</b></li> </ul> <p style="text-align: right;">Please change this to 9 or more as our brand supported 9 Switches for Stacking</p>			
<p><b><u>S. G. Technical Services</u></b></p> <p>I hope all running good at your sides.</p> <p>To refresh our introduction, we (SG Technical Services pvt Ltd) is one of the leading supplier &amp; solution providers in diversified range of IT Equipment, Software &amp; Solutions. In collaboration with our reputable Principals we are capturing the market as their business partners in almost all substantial categories listed below:-</p> <p><b><u>IT EQUIPMENTS:</u></b></p> <ul style="list-style-type: none"> <li>• DELL®/EMC Authorized Platinum Business Partner (certificate attached) (Product Line: Servers, Storage, Notebooks, Desktop PCs and Thin Clients)</li> <li>• HPE Business Partner (Product Line: Servers, Storage, Networking and Enterprise Solutions)</li> <li>• OKI Business Partners</li> </ul>			

(Product Line: Large Format Printers, Dot Matrix Printers, Line Printers, LED printers & Scanners)

- GIT Business Partners

(Product Line; Remanufactured and HP Compatible Toners and Cartridges)

- HONEYWELL Business Partners

(Product Line: RFID Solutions, Time & Attendance Solutions)

**SOFTWARES/OPERATING SYSTEMS:**

- Microsoft Business Partner

(MS Office, MS Servers, MS Windows, Office 365, Exchange Server, SQL Server, Azure, Exchange online

etc.)

- Symantec Partners

(Product Line: Complete Antivirus Solutions and Backup Solutions)

- Adobe Business Partners

(Product Line: TLP, Adobe Acrobat Standard and Professional)

- Kaspersky Business Partners

(Product Line: Complete Antivirus Solutions)

- Veeam Business Partners

(Product Line: Back up & Replication Solutions)

- VMWare Professional Partners

(Product Line: Complete Virtualized Environmental Solutions, Virtual SAN etc.)

**SECURITY SOLUTIONS:**

- Fortinet Business Partners

(Product Line: Firewall Solutions, Fortinet Analyzer, Load Balancer, etc)

- SANGFOR Business Partners

(Product Line: IAM, NGAF, VDI Solutions, HCI Solutions etc.)

**MAINTENANCE CONTRACTS & SLAs**

- Maintenance contracts & SLAs for all IT equipment including Data-centers etc

We have some below points please acknowledge as well.

In LOT 1# serial number 11 to 21 must be in separate lot because no one have authorized such required brand/solutions. We are really thanks to your management if they seprate completely IT equipment like serial number 1 to 11 with LOT 1#.

Regard

**Abdul Sattar Ahmed**

**Manager Corporate Account (North)**

SG Technical Services Private Limited

Islamabad Sales Office: 26-D, Kashmir Plaza (East), Blue Area, Jinnah Avenue, Islamabad.

1. Details given in bidding documents will be followed.

Phone: +92-51-2801491-93, 2150960  
Cell: + 92-300-0229365  
E-mail: [Abdul.sattar@sgtechnical.com](mailto:Abdul.sattar@sgtechnical.com)  
Website: [www.sgtechnical.com](http://www.sgtechnical.com)

## **S.I. Global**

This is in response to your tender# **No. 5(4)/IT/PC/2020-21 (1) dated 02-11-2020** for the supply of IT Equipment, Computer Hardware, Licensed Software, Networking, Furniture & Misc. items of Plant & Machinery.

Please clarify the following points & observation:-

- Number of Existing Servers which would be connected with SAN?
- Would you require OS in Servers or without OS?
- Preconfigured/default MS windows 10 require or separate license required with Hardware?
- Many brands doesn't operate their operations from Pakistan & doesn't have presence in Pakistan except few in such case what would be the criteria for Evaluation of bids?
- Due to Global Pandemic situation delivery time would be 8-10 weeks after receipt of PO. Would you extend delivery timelines?
- Due to Global Pandemic situation OEM takes time to release pricing therefore it is requested to please extend the tender submission date till further one week.
- Please desegregate the LOT1 in further 3 LOTS i.e. Servers, SAN, Laptops, Desktops & Workstation should be LOT 1 & Software should be LOT2, Printers, Scanners, Interactive board, LEDs etc. in LOT3

Hope for your kind understanding in this regard.

Regards,  
Aamer Mahmood  
Business Development Manager-North  
SI Global Solutions Pvt. Ltd  
Office# 8, 2<sup>nd</sup> Floor, Moscow Plaza, Jinnah Avenue, Blue Area Islamabad.  
Phone: 051-2120413 cell# [0331-5857740](tel:0331-5857740)  
<https://www.sigbl.com/>

1. Details given in bidding documents will be followed except point No. 4 that is Legal OEM representation and items are required through legal and authorized channel.

## **Telnet**

Reference to discussion and points in pre-bid meeting. Please find below our queries for your necessary action please. Also sheet is attached for your further reference against specifications.

There are some specifications that are brand specific. It is requested that kindly support to make the specification generic as all brands provide the same specifications with different models. Generic specifications



open the door for fair competition. In provided specifications only single brand will comply.

**Queries:**

1- SAN Storage (50TB)

1. Please confirm about how much Cache Per Array or per Storage required?

Ans:

2. Please confirm do you required 50TB storage as Raw Capacity or Usable Capacity?

Ans:

**TOR Switches:**

In the Both TOR Switches, the Switching capacity (960Gbps) and Forwarding Speed (720Mpps) is mentioned/required That support for 48 Port Switches not for 24-Port Switches. Do you required 48-port Switches or 24 Port? Only one brand support these specifications in 24 port that un-comply other brands which reduced open competition against brands.

Ans:

2- Backup San Storage (20TB)

1. Please confirm about how much Cache Per Array or per Storage required?.

Ans:

2. Please confirm do you required 20TB storage as Raw Capacity or Usable Capacity

Ans:

**TOR Switches:**

In the Both TOR Switches, the Switching capacity (960Gbps) and Forwarding Speed (720Mpps) is mentioned/required That support 48 Port Switches not for 24-Port Switches. Do you required 48-port Switches or 24 Port?

**Server Machine:**

1. The **PERC H730P RAID Controller** mentioned in the Server Specification is Brand Specific , please make this generic like **raid Controller with 2Gb Cache.**

Ans:

2. The Broadcom 57412 Network Interface Card mentioned in the Specification is Brand Specific, Please make it Generic like 4x 1 GE Port and 2x 10 GB SFP+ Ports

1. Minimum Backup SAN Storage Cache is 08 GB for controller and 16 GB for array.
2. Details given in bidding documents will be followed, however, best Solution with available maximum Speed and reliability may be quoted.

1. Minimum Backup SAN Storage Cache is 08 GB for controller and 16 GB for array.
2. Details given in bidding documents will be followed, however, best Solution with available maximum Speed and reliability may be quoted.

Ans:

3. The 6 Fan Modules Mentioned in the RFP is Brand Specific, Please these from 4 or more, so that other brands will take part in the Bid .

Ans:

### Lot-2 Network Switches

Please also allow us to take part in Network part by mentioning about the Juniper or Equivalent

1. Why you need QSFP Port in Access Switches (48-port & 24-port ) basically these are Used in Core Switches or TOR Switches

Ans:

2. The Stackable of 10 Switches, this is brand Specific, Please make it generic to 8 or more Switches should be stackable. Other brands comply with existing brands.

Ans

**Thanks & Warm Regards**

**Luqman Jamil Tanoli**

Telnet (Private) Limited

**Mobile:** 0334-5176986, 0347-0058814

**Landline:** 051-2340259

**Address:** Office # 08, 2<sup>nd</sup> Floor, Anwar Plaza, G-8 Markaz, Islamabad.

[www.telnet.pk](http://www.telnet.pk)

### LOT # 1: EQUIPMENT & SOFTWARE

Tender S. No	Name of Item	Specification	Queries
1	Storage Area Network (SAN) for backup (48TB to 50TB)	Storage Array	
			Please mentioned about the Storage Cachae per Array
		10Gb iSCSI BaseT 8 Port 5U	As this Mentoned Storage is entry level storge so change the 5U from 2U
		28 X 1.8TB HDD 10K 512n SAS12 2.5	Please also confirm do you required usbale

			capacity of 50Tb or Raw Capacity
		Rack Rails 2U	
		Power Supply, Redundant	
		2 X Jumper Cord - C19/C20, 2.5M, 250V, 16A	
		3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS	
		Technical Support-Emerging DBS	
		<b>Dell EMC ME4084 or Equivalent</b>	
		<b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps	<b>For TOR Switch:</b> Please confirm that the Switching capacity and Forwarding Speed you mentioned in for the 48 Port Switches not for 24-Port Switches. Please change this to 48-Port Switches
<b>2</b>	<b>Workstations for GIS Cell at JACC</b>	<b>Processor:</b> Intel Xeon Silver 4210 2.2GHz,(3.2GHz Turbo, 10C, 9.6GT/s 2UPI, 13.75MBCache, HT (85W) DDR4-2400 1st) or higher	
		<b>RAM:</b> 16GB 2x8GB DDR4 2666MHz RDIMM ECC Memory	
		<b>SSD:</b> 2.5" 512GB SATA Class 20 Solid State Drive	
		<b>HDD:</b> 3.5" 2TB 7200rpm SATA Hard Drive	
		<b>DVD:</b> 8x DVD+/-RW 9.5mm Optical Disk Drive	
		<b>Graphic Card:</b> Dual NVIDIA Quadro P400, 2GB, 3 mDP, 6 mDP to DP adapter 7X20T	
		<b>Monitor:</b> LED 18.5" or higher	
		<b>Mouse:</b> Wired Mouse Black	
		<b>Keyboard:</b> Wired Keyboard KB216 Black (English)	
		<b>OS:</b> Windows 10 Pro for Workstations (4 Cores Plus) English	
		<b>Warranty:</b> 3 Year Limited	
		<b>Casing:</b> Original, Tower with 250W or more power supply	
		<b>HP, Dell or Equivalent</b>	
<b>3</b>	<b>Server machine + Connections</b>	<b>Processor:</b> 2 X Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo,	

	<b>to SAN (SFPs) for GIS Lab</b>	HT(85W) DDR4-2400	
		Chassis with up to 16 x 2.5" SAS/SATA Hard Drives for 2CPU Configuration	
		3200MT/s RDIMMs	
		<b>RAM:</b> 2 X 16GB RDIMM, 3200MT/s, Dual Rank	
		<b>HDD:</b> 4 X 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive	
		PERC H730P RAID Controller, 2GB NV Cache, Adapter, Low Profile	Please make it Generic its Brand Specific, it should be Raid Controller with 2GB Cachae
		6 Standard Fans	Please make it Generic its Brand Specific, it should nbe 4 fans or more
		2 X Standard 1U Heatsink	
		2 X Jumper Cord - C13/C14, 4M, 250V, 10A	
		Broadcom 57412 Dual Port 10GbE SFP+ & 5720 Dual Port 1GbE BASE-TrNDC Brand Specific Try to be generic	Please make it generic as its brand Specificour brand will give the Intel based Network Card with same Capacity
		<b>DVD:</b> DVD+/-RW, SATA, Int	
		<b>Power Supply:</b> Dual, Hot-plug, Redundant Power Supply (1+1), 750W	
		<b>Mouse:</b> Wired Optical Mouse – Black	
		<b>Keyboard:</b> Black Wired Multi-Media Keyboard English	
		UEFI BIOS Boot Mode with GPT Partition with 18.5" or higher LED	
		<b>Warranty:</b> 3 Year Limited	
		<b>SAN Switch:</b> 16 port SAN Switch with SFPs Modules Connectivity with existing servers	Please confirm that do you required HBA Cards in severa or Separate SAN Switches. Please also confirm about the existing servers details
		<b>HP, Dell or Equivalentans</b>	
<b>11</b>	Storage Area Network (SAN) for backup (15TB - 20TB)	<b>Storage Array</b>	
		<b>Please mentioned about the Storage Cache per Controller</b>	

		ME4 2U Bezel	
		10Gb iSCSI BaseT 8 Port Dual Controller	
		15 X Hard Drive Filler 2.5in, Single Blank	
		9 X 2.4TB 10K RPM SAS 12Gbps 512e 2.5in Hot-plug Hard Drive	
		Rack Rails 2U	
		Power Supply, 580W, Redundant, Flex	
		2 X Jumper Cord - C13/C14, 4M, 250V, 10A	
		3Yr ProSupport & Mission Critical:(7x24) 4-hour Onsite Service-Emerging DBS	
		Technical Support-Emerging DBS	
		<b>Dell EMC ME4024 or Equivalent</b>	
		<b>TOR Switch:</b> 28x10GbT 2x QSFP28, 960Gbps, 720Mpps	<b>For TOR Switch</b> Please confirm that the Switching capacity and Forwarding Speed you mentioned in for the 48 Port Switches not for 24-Port Switches. Please change this to 48-Port Switches
		<p><b>Network Switch 48 port layer 3 manageable switch (Juniper): Qty = 02 Nos</b></p> <ul style="list-style-type: none"> <li>☐ 48-port 10/100/1000BASE-T</li> <li>☐ 4 x 1/10GbE SFP/SFP+ can be individually configured as Gbe or 10 Gbe ports, <b>2 x QSFP+ 40GbE uplinks why you need this.</b></li> <li>☐ Redundant field replaceable power supplies, Redundant fans</li> <li>☐ <b>Stackable up to 10 Switches</b></li> </ul>	<p>Juniper or equivalent</p> <p>Please change this to 9 or more as our brand supported 9 Switches for Stacking</p>
<b><u>Shirazi Trading Company</u></b>			
Reference to pre bid meeting held yesterday we would like to ask few questions related to bidding documents as below;			

<p>1. On page No. 22 Serial No. 5, Presence of Principal/OEM in Pakistan. In lot No 1 there are 21 different items and most of the items are distributed in Pakistan by OEM distributors. Presence of OEM/Principal in Pakistan for all items in Lot No 1 is not possible.</p> <p>2. Page No. 22 Serial No. 7, Authorized partners of OEM (distributors, Resellers or Authorized Letter from mentioned partners) for items where applicable. In Lot No 1 there are 21 items, does it means that for every item OEM authorization is mandatory and kindly elaborate “for items where applicable”.</p> <p>3. Page No. 35 Item No 10 Laser Printers, Toners/consumables availability at reasonable prices will be considered while technical evaluation. Either we have to quote the prices of toner as well in technical for evaluation.</p> <p>Regards,  <b>Yasir Ahmed Mujtaba   Sales Executive – Business Solutions</b>  <b>Shirazi Trading Company (Pvt.) Limited   Islamabad, Pakistan</b> ,(051-111 782 242 6 +92-51-2278265 EXT 105È03332118813  *<a href="mailto:yasir.ahmed@stc.atlas.pk">yasir.ahmed@stc.atlas.pk</a> <a href="http://www.stc.atlas.pk">www.stc.atlas.pk</a></p>	<p>Details given in bidding documents will be followed.</p>
<p><b><u>Hedra Technology</u></b></p> <p>Please find the below queries from our side.</p> <ol style="list-style-type: none"> <li>1. You have mentioned SFPs in LOT 2 networking, Kindly clearly that for which purpose you need these SFPs? Do these SFPs for the uplinks of the required switches?</li> <li>2. You have mentioned SFPs in LOT 2 networking, Kindly clearly that for which purpose you need these SFPs? Do these SFPs for the uplinks of the required switches?</li> </ol> <p>Regards,  <b>Muhammad Aman Ullah</b>  System Engineer   Hedra Technology Consultants  JNCDA   JNCIA   Juniper Networks Innovative Champion  <b>P: +92-51-2801128   M: +92-336-5151375</b>  <b>E: <a href="mailto:m.aman@hedratech.com">m.aman@hedratech.com</a>   W: <a href="http://www.hedratech.com">www.hedratech.com</a></b>  <b>A: Office No.3, Fourth Floor, Buland Markaz, Blue Area Islamabad, Pakistan, 44000</b></p>	<p>Required for UPLINK Ports only</p>
<p><b><u>Premier Systems</u></b></p> <p>Reference to our discussion, following is the conflict in server &amp; storage connectivity. Need your kind attention to address this:</p>	

**Server Connectivity Conflict:**

1. In server section you are requiring 16 Port 16G FC Switches while in Storage Section Storage connectivity ports and TOR Switches are 10 G Base T. This is conflicting.
2. Furthermore, 10G card required in Server is 10G Optical (SFP+) but TOR Switches in Storage Section are 10G Base T. This is again conflicting.
3. No FC card is required in servers?
4. You have required only 1 x FC switch for your existing servers, this is a single point of failure and details for existing servers is also required in order to check the compatibility.

**Following points are agreed:**

You are requested to change the 10G SFP+ card in server with following card:

Reference to our discussion, following is the conflict in server & storage connectivity. Need your kind attention to address this:

**Server Connectivity Conflict:**

1. In server section you are requiring 16 Port 16G FC Switches while in Storage Section Storage connectivity ports and TOR Switches are 10 G Base T. This is conflicting.
2. Furthermore, 10G card required in Server is 10G Optical (SFP+) but TOR Switches in Storage Section are 10G Base T. This is again conflicting.
3. No FC card is required in servers?
4. You have required only 1 x FC switch for your existing servers, this is a single point of failure and details for existing servers is also required in order to check the compatibility.

**Following points are agreed:**

You are requested to change the 10G SFP+ card in server with following card:

Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC

18.5" or higher LED requirement is changed with KVM Switch/Console.

**Thanks & Regards,**

**Atif Noor** | System Support Engineer II |

| Premier Systems Pvt. Ltd | (M) +92 333 1243085 (O) +92 051-2263517-20 Ext. 112 | Skype atif-noor

Details given in bidding documents will be followed, however Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC may be quoted.

Details given in bidding documents will be followed.