Data Centre Co-Location and Migration Services
Pre-Bid Queries and Answers

Windows Licenses
Q. How many CAL user licenses required for Windows?
Ans. CAL licenses are Not required.

Firewall and WAF Licenses
Q.What is the required Throughput of NGFW UTM FortiGate?
Ans.Current SOPHOX XG 135 firewalls throughput for our network is 7500 Mbps. Vendor to suggest after review of PRCL requirement and network load.

Q.NGFW UTM required with dedicated VDOM or Shared VDOM ? If dedicated, share the number of VDOMs required ?
Ans. VDOMS are not configured on PRCL network.

Q.For WAF requirement, please confirm number of Mobile/Web services ?
Ans. Following is the list of the webservers to be published on the local intranet.

RMS (Windows Server 2003)
ORACLE EBS (Oracle Linux)
Reinsurance ERP application server (Linux)
Investment ERP server (Windows 10)

Q.WAF required throughput?
Ans.Please suggest the best economical option by considering our requirement

Q.Web service required hosting with load balancer ?
Ans.Not required for now

Fireproof Vault
Q.As per tender document, Fire proof Vault service is required to store backup tapes and other related stuff belonging to PRCL. Please confirm if service provider can provide Fire resistant Vault (1 hour resistant) instead of Fire Proof Vault ?
Ans.Yes

Please acknowledge following points:
Q.PRCL NZO Lahore office complete address is State Life Building, 1st Floor, 15-A, Davis Road, Lahore.
Ans.Yes

Q.Bandwidth required between NZO Lahore site and Data Center is 4 Mbps MPLS.
Ans. Requirement is 10 MBPS

Q.Service provider can offer alternate option of 200 Mbps MPLS L3 connectivity instead of dark fiber between PRCL Head Office and Data Center.
Ans. As per the tender specification, dark fibre is required.

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Q. Required activity of server/hardware physical shifting from PRCL head office to data center is one time activity for service provider.
Ans. Yes

Q. Servers/Hardware which needs to be shifted is under OEM warranty with PRCL own vendors, service provider is not responsible for managing the hardware warranty.
Ans. Yes, PRCL Rack and servers will be under hardware/software SLA.

Q. Service provider is just required to physically shift the server/hardware, all applications installations, configuration and management will be PRCL responsibility.
Ans. Yes. Vendor will be required to extend the local area network of PRCL so no configuration change on the server will be required.

Q.For those Servers which need to be shifted over VMs, Service provider to provide only virtual machines with accessibility with PRCL private IP network while applications configuration and management of those VMs will be PRCL responsibility
Ans. The conversion of physical machine to virtual will be vendor's responsibility. Further, the vendor will publish the server on the same local IP of PRCL network as per requirement.

Q.Service Provider will be responsible for integration of IP configuration of WAN services only at PRCL physical server as well as Virtual machines.
Ans.Yes IP configuration, firewall and configuration of network as per PRCL requirement will be required.

Q.Whether joint venture is allowed for this tender.
Ans.No

Zohaib Hassan
Manager (DPD)

Muhammad Rafique
HOD I.T