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རྒྱལ་གཞུང་གི་གཞིགས་ལྗོངས་ལྷན་ཚོགས།
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ADDENDUM

RCSC/MISD/LAN/2016-17/02/

20th
April 14th, 2017

With reference to the NIQ for "RCSC LAN Revamp" published in Kuensel dated April 6th, 2017. The RCSC would like to inform all interested bidders that there has been slight changes in the specification, for details please check the www.rcsc.gov.bt or inquire with Mr. Gyelthsen @ 322491 (Ext. 218).


(Tashi Pem)
Director
RCSC

3. Technical Specifications

1	L2 Giga Switch 24 ports with 4*1G SFP 1/10G uplink, rack mountable	Compliance (Yes/No)
A Architecture		
1	The switch should have 24 x 10/100/1000 BaseT and should support 4 GE SFP uplink ports	
2	The Switch should support Stacking from Day 1 via standard interfaces for a scalable solution	
3	Should support 1000 Base- SX, LX, LH and T ports	
4	Should have at least 56 Gbps switching bandwidth	
5	Should have switching throughput of up to 41 million pps	
6	MAC Address table size of 15000 entries	
7	The Switch should be 19" Rack-Mountable / 1 rack unit (RU)	
B Resiliency and high availability		
1	Should support IEEE 802.3ad Link Aggregation Control Protocol (LACP)	
2	Should support IEEE 802.1s Multiple Spanning Tree Protocol	
3	Should support load sharing algorithm for bridged and routed traffic	
4	Should monitor and detect link failure on uplink interfaces and can propagate the failure to downlink interfaces so that servers connected to those downlink interfaces can switch over to secondary interfaces.	
C Layer 2 features		
1	Should support IEEE 802.1Q (4000 VLAN IDs) and 1000 VLANs simultaneously	
2	Should support Multiple VLAN Registration Protocol (MVRP, IEEE 802.1ak) for dynamic registration and deregistration of VLANs on ports in a VLAN bridged network	
3	Should support Jumbo frames of 9000 bytes	
4	Should support IPv4 Static IP routing, RIP from Day 1 with support for OSPF in future	



