NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
Tender Notification No.: CSG/TENDER/September2013/2013 Dated: 19/09/2013
PRE-BID MEETING HELD ON 01-OCT-2013

MINUTUES ON PRE-BID MEETING (ADDENDUM)-Active Components [Networking]

1. The date of submission of tender will be extended to 21st October 2013.
2. There appears to be a difference in the value indicated for the EMD on page 1 (INR75000) and under section 1.1 of page 5 (INR25000).

BE CHANGED AS
EMD - Earnest Money Deposit (EMD) of Rs.75,000 is to be remitted by way of Demand

3. Time for completion of   : Within 4 Weeks from the date of placing of
Supply & Installation after   purchase order
placing purchase order

BE CHANGED AS

Time for completion of   : Within 6 Weeks from the date of placing of
Supply & Installation after   purchase order
placing purchase order

4. There are changes in the following:

Type-1 : 24 Port, 1G Backbone, Managed Layer 3 Gigabit Switch.
Type-2: 48 Port, 1G Backbone, Managed Layer 3 Gigabit Switch
Type-3: 48 Port, 10G Backbone, Managed Layer 3 Gigabit Switch
Type-4 : 24 Port, 1G Backbone, Managed Layer 2 Gigabit Switch
Type-5 : 24 Port, 1G Backbone, Managed Layer 2 Gigabit PoE Plus Switch
Type-6 : 8 Port, 1G Backbone, Managed Layer 2 Gigabit Switch
Type-7: 48 ports 1000 Base-X with SFP for fiber optics (LX) module Line Card
    (Compatible for Extreme Black Diamond 8010 Core Switch)
        (OR)
    48 Port 1000 Base-X, Managed Layer 3 Gigabit Switch   Qty:1

BE CHANGED AS
Type-1 : 24 Port, 1G Backbone, Managed Layer 3 Gigabit Switch with 2 no of Single Mode SFP
    (LX) Module
Type-2: 48 Port, 1G Backbone, Managed Layer 3 Gigabit Switch with 2 no of Single Mode SFP
(LX) Module
Type-3: 48 Port, 10G Backbone, Managed Layer 3 Gigabit Switch with 1 no of Single Mode XFP
Module
Type-4 : 24 Port, 1G Backbone, Managed Layer 2 Gigabit Switch with 2 no of Single Mode SFP
(LX) Module
Type-5 : 24 Port, 1G Backbone, Managed Layer 2 Gigabit PoE Plus Switch with1 no of Single Mode
SFP(LX) Module
Type-6 : 8 Port, 1G Backbone, Managed Layer 2 Gigabit Switch with 1 no of Single Mode SFP (LX) Module
Type-7: 48 ports 1000 Base-X with SFP for single mode fiber optics (LX) module Line Card (Fully Loaded)
    (Compatible for Extreme Black Diamond 8010 Core Switch)
        (OR)
    48 Port 1000 Base-X, 1x10GBASE-LR XFP (with module)- Managed Layer 3 Gigabit Switch with
    single mode fiber optic (LX) Module (Fully loaded)

5. 802.1ag standard is not required for the switches of Type 1, Type 2 and Type 3.

6.   In Type 1 to Type 7 : Connectivity Fault Management Layer 2 Ping and Trace route

BE CHANGED AS

Connectivity Fault Management Layer 2 Ping or Equivalent feature (for troubleshooting Layer 2 Connectivity

problems) and Trace route

7.   In Type 6: MAC Address Table size (16 K Mac address is minimum)

Should have QoS with 8 queues

BE CHANGED AS

In Type 6: MAC Address Table size (8 K Mac address is minimum)

Should have QoS with 4 queues

8.   In Type 4 to Type 6: Switch Height (RU) and ETSI compliant Rack Depth (inches)

BE CHANGED AS

In Type 4 to Type 6: Switch Height (RU)

9. In Type 1, 2, 3 and Type 7: Power Supply - 100-240 VAC,50-60Hz (Should support redundant power supply)

BE CHANGED AS

In Type 1, 2, 3 and Type 7: Power Supply - 100-240 VAC,50-60Hz (Should support redundant Internal or External power supply)

10. In Type 1, 2, 3 and Type 7: IP Lite Routing : PBR, BFD and Dynamic Routing Protocol for bothIPv4 and IPv6

BFD is used to ensure uniform detection of failure of links. This enables predictable convergence times and consistent forwarding of packets. In a large network such as NIT, this BFD will be useful to configure link failover and load balancing. Also, UDLD protocol may be used.

BE CHANGED AS

BFD/UDLD

11. Switch should have Multiple VLAN registration protocol (MVRP)

BE CHANGED AS

Switch should have Multiple VLAN registration protocol (MVRP / GVRP)

12. Switch QoS should also be VoIP aware (ability to detect IP Phones and prioritize VoIP traffic).

BE CHANGED AS

Switch QoS should also be VoIP (manual /auto) aware (ability to detect IP Phones and prioritize VoIP traffic).