CORRIGENDUM NO. 1, DATED 05/10/2011 FOR TENDER NO EIC/T-189/2011/01

Section 1: Invitation for Bids

1. Modified Clause 4
   Tender Document can be purchased from EIC office (address given in clause 5(f) of this section), any time from 1000 hours to 1300 hours and 1400 hours to 1700 hours up to 7 October, 2011 against the prescribed cost.

2. Modified Clause 5(c)
   Last time and date for receipt of bids: On or before 1500 hours on 17 October, 2011.

3. Modified Clause 5(e)
   Time of Opening: 1530 hours on 17 October, 2011.

4. Modified Clause 6
   Sale of Tender Document - Anytime from 1000 hours to 1300 hours and 1400 hours to 1700 hours up to 7 October, 2011
   Last date for submission of Bids is 1500 hours on 17 October, 2011
   Pre-qualification bid opening is 1530 hours on 17 October, 2011

Section 2: Instructions to Bidders

5. Add Clause 15.8, to read as:
   Any decision to forfeit the EMD after due opportunity has been given to the bidder to represent his/her case.

6. Clause 29.7, Technical evaluation criteria, Point 2 modified to:

2	Experience of implementing projects for Government of India or its subordinate organisations, which involved providing similar infrastructure including data-centre services (either hosting in owned DC or co-location in another DC) and network management services, with multi-location usage in the past three years	7	
	– 6 or more credentials (for both data-centre services and network management)	4	
	– 4 to 5 credentials (for both data-centre services and network management)	3	
	– 3 credentials (for both data-centre services and network management)	2	
	– 1 additional mark for each credential where the network services were provided across more than 20 cities / towns across India	3	

Section 3: Conditions of Contract

7. Modified Clause 8.1
   Only the data centre hosting services, BCP/DR hosting services, network services, Facility Management services at offices, payment gateway services, SMS gateway services, help desk services as mentioned in the Section 5 of the RFP can be sub–contracted by the Bidder.

8. Modified Clause 10.1
   The Bidder's obligations shall include all the activities as specified by the Purchaser in the Scope of Work and other sections of the RFP and Contract and changes thereof, as per contract changes / change orders, to enable Purchaser to meet the objectives and operational requirements. It will be the Bidder's responsibility to ensure the proper and successful implementation, performance and continued operation of the proposed solution in accordance with and in strict adherence to the terms of his/her Bid, the RFP and this Contract.

9. Modified Clause 10.7
   In case of any change of the Key Personnel during the first 6 months of the project, for whatsoever reason (except for death or disablement), would attract a penalty of 0.2% of Contract value for every such change. In case of any change of the Key Personnel during the next 6 months of the project, for whatsoever reason except for the personnel leaving the organization, or death / disablement (duly certified by the authorized signatory of the Bidder), it would attract a penalty of 0.2% of Contract value for every such change.

10. Modified Clause 14.4

    The Bidder must quote all the applicable taxes / duties / levies in the Bidder's Commercial Bid. Any applicable taxes / duties / levies not quoted by the Bidder in the Commercial Bid will be borne by the Bidder. If there is any increase or reduction in these taxes / duties / levies due to any reason whatsoever, after Notification of Award, the same shall be passed on to the Purchaser.

11. Modified Clause 18.6

    Except as otherwise provided elsewhere in the contract if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, at any time in connection with construction, meaning, operation, effect, interpretation or out of the contract or breach thereof the same shall be decided by a sole Arbitrator to be appointed by the Director of EIC or his/her nominee.

12. Modified Clause 22.2

    The failure or occurrence of a delay in performance of any of the obligations of either party shall constitute a Force Majeure event only where such failure or delay could not have reasonably been foreseen i.e. war, or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restriction, strikes, lockouts or act of God (hereinafter referred to as events) , or where despite the presence of adequate and stipulated safeguards the failure to perform obligations has occurred at any location in scope. In such an event, the affected party shall inform the other party in writing within seven working days of the occurrence of such event. Any failure or lapse on the part of the Bidder in performing any

obligation as is necessary and proper, to negate the damage due to projected force majeure events or to mitigate the damage that may be caused due to the above mentioned events or the failure to provide adequate disaster management/ recovery or any failure in setting up a contingency mechanism would not constitute force majeure, as set out above.

Section 4: Bid submission formats

13. No change

Section 5: Scope of Work

14. Clause 4.3.1.6
    Remove 1(c) Virus scanner for HTTP

15. Clause 4.3.1.6, Add Point 8
    The Bidder must obtain a SSL certificate for the application portal.

16. Clause 4.3.2, additional paragraph added as follows:
    EIC's current website (www.eicindia.gov.in) has mostly static pages build in HTML and a few dynamic pages built on ASP / Javascript. The current data of the website is upto 600 MB and this may grow up to 2.5 GB within the contract period.

17. Modified Clause 4.3.5 (2)
    EIC intends to connect all the above sites using connections as indicated in Appendix 5.13.

18. Modified Clause 4.3.5 (6)
    Bidder should ensure that the backbone network provider for the primary and secondary network connections is different for atleast the DC site, BCP/DR site and the category 1 offices.

19. Clause 4.3.6,
    Add Point 3
    The bidder must submit the following certificates for the DC site chosen for co-locating EIC's DC.
    - ISO 9000, ISO 20000 and ISO 27001 certifications
    - Clearance from Pollution Board
    - Fire Clearance
    - Service brochure of the proposed DC centre

20. Clause 4.3.6.1, Remove Point 2 (sub-point c) "Tape Library"

21. Clause 4.3.7
    Add Point 3
    The bidder must submit the following certificates for the BCP/DR site chosen for co-locating EIC's BCP/DR.
    - ISO 9000, ISO 20000 and ISO 27001 certifications
    - Clearance from Pollution Board
    - Fire Clearance
    - Service brochure of the proposed BCP/DR centre

    Add Point 9
    The hardware and software procured and commissioned for the BCP/DR site should be full user licensing.

22. Appendix 5.2 has been modified to read as follows:

The indicative Bill of Materials only for the one-time investment is provided below. Bidder is expected to conduct an independent study to arrive at the required list of items and the optimum number of each of the items.

Table 1: Bill of Materials (Indicative only)

Sr. No	Item	Number Required	Minimum desirable number[1]
Servers			
	DC and BCP/DR		
1.	Web Servers	As required	2
2.	Application server	As required	2
3.	Database server	As required	2
4.	DNS server	As required	
5.	Authentication server	As required	
6.	Anti-virus server	As required	
7.	Backup server	As required	1
8.	Blade server chassis	As required	
9.	42 U server racks	As required	
10.	Audit log	As required	1
	Only DC		
11.	EMS	As required	1
	Other servers		
12.	Staging server	As required	
13.	Web Servers (QA)	As required	
14.	Application server (QA)	As required	
15.	Database server (QA)	As required	
Network			
16.	LAN Cabling	As required	

[1] The minimum desirable number of hardware components is an indicative number. The Bidder is allowed to propose a solution which requires less hardware than the minimum proposed solution, with adequate justification.

Sr. No	Item	Number Required	Minimum desirable number[1]
17.	Core routers	As required	
18.	Core LAN Switch	As required	
19.	Network Racks (24 U)	As required	
20.	Load Balancer	As required	1
Storage			
21.	SAN storage	As required	1
22.	SAN switch	As required	1
23.	Unified Threat Management (UTM)	As required	1
Applications			
24.	Application software	As required	
25.	Document Management System	As required	
26.	EMS	As required	
27.	Operating Systems for servers	Based on number of servers	
28.	Audit log	As required	
29.	Barcoding Software	As required	
30.	Database Software	As required	
31.	Backup software	As required	
Security			
32.	Antivirus	Based on number of servers	
Office Hardware			
33.	Edge routers	As required	
34.	Network racks (12U)	As required	
35.	Network racks (8U)	As required	
36.	Switch (48 port)	As required	
37.	Switch (24 port)	As required	

Sr. No	Item	Number Required	Minimum desirable number[1]
38.	Switch (8 port)	As required	
39.	LAN cabling	As required	
40.	Electrical cabling	As required	
41.	Scanner (Sheetfed)	As required	
42.	Scanner (Flatbed)	Please refer Table below	
43.	Barcode reader (stationary)	Please refer Table below	
44.	Barcode reader (handheld)	Please refer Table below	

S No	Category of EIA offices	Scanners (flatbed) required per office	Barcode reader (stationary) required per office	Barcode reader (handheld) required per office
1	Category 1	10	3	50
2	Category 2	3	1	6
3	Category 3	2	1	4
4	Category 4	1	1	2

23. Appendix 5.4, the following additional details are added to Table 5:
    - Number of new offices expected in the next 3 years - Up to 6 offices (Three Category 2 offices and three Category 3 offices)
    - Number of external agencies which will be provided viewing access to EIC's system - maximum 200 agencies (including foreign as well as national agencies). Each agency will be given one username for the purpose of accessing EIC's system.

24. Appendix 5.6, Clause 5.6.2.2, bullet points 13, 14 and 15 have been modified as below:

- (S)He should have a graduation degree in Engineering.
- (S)He should have a minimum of 10 years experience in IT with minimum 4 years in Project Management.
- (S)He should have PMI or an equivalent certification or post-graduate qualifications in Management.

25. Appendix 5.7, Table 13 is amended to read as follows:

Table 2: Categories of EIA offices

	Category of EIA office	No of EIA offices (currently)	No of users in each office	No of documents generated per day for scanning	Frequency of scanning and uploading documents by the Bidder	Frequency of replicating scanned documents data to the DC
1.	**Category 1**	**3**	**Delhi - 60, Mumbai - 30, Chennai - 25**	**More than 3,000**	**Daily**	**Every fortnight**
2.	**Category 2**	**9**	**8 - 12**	**Between 600 to 3,000**	**Every fortnight**	**Every month**
3.	**Category 3**	**14**	**5 - 7**	**Between 150 to 600**	**Every month**	**Every month**
4.	**Category 4**	**8**	**3 - 4**	**Less than 150**	**Every quarter**	**Every quarter**

26. Add Appendix 5.12 : Type of network connections to be installed at each EIA location

S No	Location	Primary connection	Secondary connection
1	DC and BCP/DR site	MPLS	MPLS
2	Category 1 and EIC-HQ	MPLS	MPLS
3	Category 2	MPLS	Broadband
4	Category 3	MPLS	Broadband
5	Category 4	Broadband	Broadband

Section 6: Service Level Agreements

27. Section 6.2, Modified sub-points 3,4,5 and 12

3. Average portal response time for static web pages at expected number of peak concurrent users at minimum 128 kbps connectivity	Checking to be done every 10 minutes daily using the APM tool in EMS. Quarterly average from the log.	Daily average <= 5 seconds	No Penalty
		Daily average between 5 seconds to 7 seconds	1% of the quarterly operations and maintenance cost
		Daily average >= 7 seconds	2% of quarterly operations and maintenance

			cost
4. Average portal response time for dynamic web pages at expected number of peak concurrent users at minimum 128 kbps connectivity	Checking to be done every 10 minutes daily using the APM tool in EMS. Quarterly average from the log.	Daily average <= 6 seconds	No Penalty
		Daily average between 6 to 8 seconds	1% of the quarterly operations and maintenance cost
		Daily average >= 8 seconds	2% of quarterly operations and maintenance cost
5. Average time for uploading scanned documents (average 1 MB size) at expected number of peak concurrent users at minimum 128 kbps connectivity	Checking to be done every day using the APM tool in EMS. Quarterly average from the log.	Daily average <= 30 seconds	No Penalty
		Daily average between 30 to 45 seconds	1% of the quarterly operations and maintenance cost
		Daily average >= 45 seconds	2% of quarterly operations and maintenance cost
12. Network Quality of Service (at Category 1 and 2 EIA offices and EIC HQ)	Quality of Service (QoS) refers to the capability of a network to provide traffic engineering to selected network traffic. The primary goal of QoS is to provide priority including dedicated bandwidth, controlled jitter, latency and improved loss characteristics.	99% throughput of minimum stipulated bandwidth during 24*7 hours	Nil
		>=97.5% and <99% throughput of minimum stipulated	2% of the quarterly Operations & Maintenance Cost

		bandwidth during 24*7 hours	
		<97.5% throughput of minimum stipulated bandwidth during 24*7 hours	4% of the quarterly Operations & Maintenance Cost
		Average Packet loss exceeding 0.5% over a month (at Data Centre and WAN level)	0.5% of the quarterly Operations & Maintenance Cost
		Latency Delay > 150 ms (every instance) (at Data Centre level)	0.5% of the quarterly Operations & Maintenance Cost

Annexure A: Functional Requirements Specifications

Chapter 6, Workflow management module

28. Remove WRK.REQ.007, System's workflow engine shall support both task driven and goal driven process descriptions.

Chapter 12, Document Management System

29. Add DMS.REQ.029
    DMS should provide role based access to users, based on the user rights defined by the administrator / authorised personnel. The various levels of access which may be given to the users can include 'no-access', 'read-only access', 'copy access', 'modify access', 'delete access', etc.

Annexure B: Technical Specifications - Software

Chapter 2, BPM

30. Modified Point 1
    System should conform to industry workflow standards like WFMC / BPEL / BPMN / SOAP and other such prevalent standards

31. Modified Point 3
    System must adhere to open standards and must not require any proprietary software to be installed on client machines

32. Remove Point 17, "System should allow allocating workstations for specific jobs. System should also allow allocating more than one task to some workstations"

33. Remove Point 22, "System's workflow engine shall support both task driven and goal driven process descriptions"

34. Remove Point 33, "System shall allow users to perform the following actions on workflow instances:
    - Users can pause or resume instances
    - Users can restart instances
    - Users can abort instances
    - Privileged users can manually override instance data"

Chapter 3, Portal

35. Point 2, modified to
    The Portal platform should provide support for portal standards such as JSR 168, WSRP 2.0, JSR-170, JSR227, JSR 286, .NET and other such prevalent standards etc.

36. Point 15, 4th bullet point "The transformation designers must provide auto mapping and debugging support" has been removed

37. Point 16, 4th bullet point "Ability to route message based on that message content and rules associated with the message type" has been removed

38. Point 19, modified to
    Portal architecture should support .NET / Java or other common platforms

Chapter 4, Enterprise Management Solution

39. Modified Point 1
    The proposed EMS solution must involve tools to ensure smooth/seamless integration and out of the box workability of the offered solution

40. Modified Point 2
    EMS architecture should be object oriented, open and extensible set of common services.

41. Modified Point 23
    The system must be able to identify the root cause of the problem and must visually pinpoint single impacting device, as well as other dependent impacted devices preferably in different

colours in topology. Proposed fault management should display connecting link between two devices and port labels. If there are multiple links between two devices all the links between two devices and their connected port labels must be visible.

42. Modified Point 24
    Ability to identify the root cause of any network failure and generate alarm.

43. Add Point 29
    The traffic monitoring system must be able to track all flow of traffic on the network and identify malicious behaviour with all IP conversations.

44. Add Point 30
    The system should analyze all Flow traffic and alert via SNMP trap and syslog of any suspicious activity of the network.

45. Add Point 31
    The system must support the ability to create various reports that allow the user to search all IP traffic over a specified historical period, for a variety of conditions. The system must have the ability to search all IP traffic without loss or exclusion of any traffic.

46. Point 34, remove the line that reads "Performance profiles could be defined in this GUI and using drag-and-drop techniques, delivered to the various specified machines in the enterprise running performance agents. These agents could then dynamically reconfigure them to use the profiles they receive"

47. Modified Point 58
    To be read as Ability to provide full-fledged service level monitoring and reporting capability using which administrator should be able to define metrics to be measured

48. Modified Point 59
    Ability to integrate with other modules of EMS to provide service level reporting and be able to generate service level reports.

49. Modified Point 66
    Ability to automatically generate service level performance reports

50. Add Point 69
    The proposed service management system should provide a detailed service dashboard view indicating the health of each of the departments / offices in the organization and the health of the services they rely on as well as the SLAs.

51. Add Point 70
    The Service Level Agreements (SLAs) definition facility must support defining a set of one or more service guarantees that specify the Service obligations stipulated in an SLA contract for a particular time period (weekly, monthly, and so on).

52. Delete Point 78
    "Ability to provide an intuitive user interface with features such as display correlated events, drill down to packet level event details, simultaneous access to real-time and historical events, customizable at-a-glance security view for administrators"

53. Modified Point 101
    Ability to apply access control to all users.

54. Delete Point 131
    "The proposed helpdesk knowledge tools solution must provide grouping access on different security knowledge articles for different group of users"

55. Add Point 137

    Helpdesk system should support integrated remote management for end-user & allow analysts to do the desktop sharing for any system located anywhere, just connected to internet.

56. Add Point 138

    Remote desktop sharing in Service desk tool should be agent less & all activity should be automatically logged into the service desk ticket.

Annexure C: Technical Specifications - Hardware

57. For all servers, 1.1 to 1.7, Point 6 (sub-point 6) has been modified as follows:

Clock speed of proposed CPU	2.9 Ghz or higher. SI shall provide latest processor available with OEM with highest clock speed. OEM to provide certificate, product manual and datasheet.		GHz

58. For all servers, 1.1 to 1.11, Point 7 (sub-points 1 and 2) have been modified as follows:

Cache Memory		
Total Size of L1 Cache on the server		KB/MB
Total Size of L2 Cache on the server		KB/MB

59. For all servers, 1.1 to 1.7, Point 8 (sub-point 1) has been modified as:

8	Main memory			
	Size of proposed memory	32 GB or higher		GB

60. For all servers, 1.1 to 1.11, Point 9 has been deleted.

9	I/O			
	Type of I/O Slots proposed	2 PCI-e/PCI-x slots (minimum x8)		PCI / PCI-X / PCI-e
	No. of slots proposed on the server	4 USB 2.0 Ports, one RJ-45 Port, 1 Video Port, 1 Serial Port.		Units
	No. of free slots			Units
	System I/O bandwidth			GB/s

61. For all servers, 1.1 to 1.7, Point 11 (sub-point 2) has been modified as follows:

No. of HBA Controllers proposed	2		Units

62. For all servers, 1.1 to 1.7, Point 12 (sub-point 3) has been modified as follows:

RAID protection types supported	RAID 0, 1		RAID 0 / RAID 1 / RAID 1+0 / RAID 5

63. For all servers, 1.1 to 1.7, Point 13 (sub-point 3) has been modified as follows:

Disk Speed	10K RPM SAS / SSD disks		RPM

64. For all servers, 1.1 to 1.11, Point 14 has been deleted.

14	CD / DVD Drive			
	Optical Drive Proposed			
	Capability of all types of CD / DVD			YES / NO
	Drive Speed Proposed			X
	No. of drives proposed			
	Is drive writeable / re-writeable?			YES / NO

65. For all servers, 1.1 to 1.11, Point 15 has been modified.

15	Power Supply (to be provided at the chassis)			

66. 2.1, SAN Storage Array, has been modified as below:

SAN Storage Array				
Sr. No	**Parameter**	**Bidder's response**	**Unit of Measurement**	**Details / Remarks, if any**
1	Make			
2	Model			
3	Quantity (DC)		Quantity	
4	Quantity (DR Site)		Quantity	
5	Raw disk capacity of proposed SAN storage array with 300 / 450 / 600 GB FC / SAS disks		TB	

6	Max. overall capacity of storage array considering 300 / 450 / 600 GB disks and with full expansion of cabinets (specify max. no of cabinets) Minimum capacity of 20 TB extendable to 40 TB		TB; No. of Cabinets	
7	Disk Sub-system			
	Disk spindle type		YES / NO	
	Capacity of each disk drive (300 / 450 / 600 GB SAS)		GB	
	Disk speed (minimum 7,200 rpm in case of SAS disks)		RPM	
	Total number of disks proposed		Units	
	Support for Global hot spare disks		YES / NO	
	No. of Global hot spare disks proposed		Units	
	Average Seek Time of the proposed Hard Disks (in Millisecond)		ms	
	Average latency of proposed hard Disks (in Millisecond)		ms	
	Capacity / speed of disks supported on the system		GB @ RPM	
	Are Proposed Disks Hot Swappable?		YES / NO	
	No of hot spare disks (minimum 4)		No.	
	Capability for storage expansion without downtime		YES / NO	
8	Controllers			
	No. of backend controllers proposed (minimum 2)		Units	
	Max. no. of backend controllers supported on the system		Units	
	Are backend controllers configured for high-availability		YES / NO	
	No. of front-end controllers proposed (minimum 2)		Units	
	Max. no. of front-end controllers supported on the system		Units	

	Are front-end controllers configured for high-availability		YES / NO	
	Hardware based storage RAID controller		YES / NO	
	Hot swappable controller cards?		YES / NO	
	Type of RAID protection supported (minimum RAID 1+0, 5)		RAID 0, 1, 5, 1+0	
	No. of FC host ports proposed		Units	
	Throughput of each FC / SAS port		Gbps	
	Max. No of FC / SAS Host ports supported on the system		Units	
	Storage system end-to-end bandwidth from FC / SAS host port to backend disk		Gbps	
9	FC-AL loop / SAS links			
	No. of FC-AL loops / SAS links proposed		Units	
	Max. no. of FC-AL loops / SAS links supported in the storage system		Units	
	No. of disks proposed per FC-AL loop / SAS links		Units	
	Max. No. of disks supported per FC-AL loop / SAS links		Units	
	Bandwidth of FC-AL loop / SAS links		Gbps	
10	Cache			
	Type of proposed Cache		ECC / Non-ECC	
	Proposed Cache (minimum 8 GB)		GB	
	Max. Cache supported on system		GB	
	Cache Bandwidth		GB/s	
	Is Battery backup available for Data cache?		YES / NO	
	If so, what is the duration for which it is available?		Hrs	
	Is the battery hot swappable?		YES / NO	
	Can cache be allocated separately according to volumes?		YES / NO	

	Mechanism for ensuring data protection in case of power failure		YES / NO	
11	Support for point in time copy / business copy volume for backup and remote replication of data. License for the same should be provided.		YES / NO	
12	Support for storage-to-storage replication in both synchronous and asynchronous modes		YES / NO	
13	Storage system compatible with proposed FC-IP router or iSCSI ports/Gateway or IP for replication		YES / NO	
14	Support for non-disruptive online upgrade of firmware without reboot		YES / NO	
15	Power Supply			
	Hot Swappable Power supply proposed (required by EIC)		YES / NO	
	Redundant power supply proposed		YES / NO	
	Dual AC input proposed		YES / NO	
16	Support for heterogeneous multi-host connectivity, for various flavours of Operating Systems		OS Names (e.g. Sun Solaris, IBM AIX, HP-UX, Linux, Windows, etc.)	
17	Estimated ratings			
	Random IOPS Read (from cache)		IOPS	
	Any other Ratings		IOPS	
	IPv6 Compliant (required by EIC)		YES / NO	
18	Storage Management Software			
	Product Name			
	Version			
	No. of Licenses (DC)			
	Server			
	Processor			
	Client			
	Client Access License			
	Other 1			

	Other 2			
	No. of Licenses (DR Site)			
	Server			
	Processor			
	Client			
	Client Access License			
	Other 1			
	Other 2			
	Should provide easy to use GUI features		YES / NO	
	Provide visual display of the storage system in an user-friendly manner and have the capability to identify, select and manage physical components of storage system		YES / NO	
	Provide configuration of parameters, volume allocation, storage reconfiguration, cache management, reallocation of capacity		YES / NO	
	Provide monitoring, analyzing and tuning performance of the storage system		YES / NO	
	Provide automatic path failover and dynamic recovery and software should be able to monitor all the paths that are configured		YES / NO	
	Provide capability to define, configure, add, delete and reassign LUN to specific paths		YES / NO	
	Provide creation of various reports / logs for troubleshooting and performance monitoring of the storage system		YES / NO	
19	Replication Software			
	Product Name			
	Version			
	No. of Licenses (DC)			

	Server			
	Processor			
	Client			
	Client Access License			
	Other 1			
	Other 2			
	No. of Licenses (DR Site)			
	Server			
	Processor			
	Client			
	Client Access License			
	Other 1			
	Other 2			
	Compatibility with proposed FC-IP Router or iSCSI ports/Gateway or IP for replication		YES / NO	
	Compatible with storage proposed		YES / NO	
	Provide both synchronous and asynchronous replication modes		YES / NO	
	Compatible with the proposed database		YES / NO	
20	Compliance to Workload Estimation in Section 5 for the minimum sizing considerations		YES / NO	
21	Weight		Kg	
22	Dimension		HxWxD(mm)	
23	Heat Dissipation		BTU/hr	
24	Power Requirement		KVA	

67. 2.2, Tape Library has been removed

68. 3.3 Core Router, Points 7, 13, 14 and 15 have been removed.

69. 3.3 Core Router, Point 9 has been modified to read as:

9	Routers should be configured in load balancing mode (load balancing on the links)	YES		YES / NO

70. 3.3 Core Router, Point 10 has been modified to read as:

10	Protocols supported	1. IPv4, IPv6 2. static routes 3. Open Shortest Path First (OSPF), OSPFv2 4. Border Gateway Protocol (BGP), BGP4 5. BGP Router Reflector 6. Intermediate System-to-Intermediate System (IS-IS) 7. Multicast Internet Group Management Protocol (IGMPv3) 8. Protocol Independent Multicast sparse mode (PIM SM) 9. PIM Source Specific Multicast (SSM) 10. Distance Vector Multicast Routing Protocol (DVMRP) or equivalent 11. IPSec 12. Generic Routing Encapsulation (GRE) 13. Bi-Directional Forwarding Detection (BVD) 14. IPv4-to-IPv6 Multicast		YES / NO

71. 3.3 Core Router, Point 11 has been removed.

72. 3.4 EDGE Router, Point 9 (sub-point 3) has been modified as follows

No. of ports proposed	4		Units

73. 3.4 EDGE Router, Points 10 and 11 have been modified as follows

10	Protocols supported	OSPF, IS-IS, BGP, DVMRP / PIM-SM, IGMPv3, PIM-SSM, static IPv4 routing, static IPv6 routing		YES / NO
11	Compliance standards	IEEE 802.1Q		YES / NO

74. 3.4 Core LAN Switch, Point 16 has been modified as follows

16	Management	Command Line Interface (CLI) support for configuration & troubleshooting purposes. For enhanced traffic management, monitoring, and analysis, upto four RMON groups (history, statistics, alarms, and events) must be supported. All RMON groups must be supported through the SPAN port, which permits traffic monitoring of a single port, a group of ports, or the entire stack from a single network analyzer or RMON probe.		YES / NO

75. 4.1 Unified Threat Management, Point 15 (sub-point 3) “The firewall must be supplied with at least 2 10Gbe LR Fiber” to be removed.

76. 4.1 Unified Threat Management, Point 17 (sub-point 15) modified as:
Local access to the firewall modules should support authentication protocols – RADIUS / TACACS+