Corrigendum I

Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
1	Section V – Schedule of Requirements	Clause 3.2.2.3	14 of 30	In any case, the Data center should not be on the ground floor & the top most floor of the building	The Clause stands further modified to read as under 1. Below ground summarily rejected. 2. If the Data center Space provided by the bidder is on ground floor , than following criteria should be met:- I. The ground level would be considered as "The ground level of the campus or the road anywhere on the perimeter of the campus" whichever is higher. II. There should be no history of water accumulation/ logging/ flooding in that particular building location. III. The Main flooring of the Data Center of the Ground floor should be at a minimum height of four feet above the Ground level (Ground level as defined in Point no. 2 (I) above.) 3. If the Data center Space provided by the bidder is on top floor , than following criteria should be met:- I. There should be no shafts, risers which would be open to sky.

Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
					II. All the Shafts, wet risers should be sealed with water proof material and tested.
					III. The Terrace floor should have treated for Water proofing using the latest technologies and certified for all tests like Pond test, etc. All certificates of treatment should be provided as the part of the Bid.
					IV. The monsoon preparedness program should be in place, and the reinforcement of the water proofing annually before monsoon, pond test to be carried out and certified by a third party expert.
					V. Should be certified for underdeck/ overdeck treatment and CFD (Computerized fluid dynamics) tests should be provided as part of the Bid to prove that the heat gain from the external factors is well within the specified limits.
					VI. Due to the treatment on the terrace slab (both above and below), the slab to slab height on the Top DC floor should not be compromised.
					VII. The Weight of Satellite Antennae (if

Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
					placed on terrace), should be structurally balanced to ensure that the loading on the building would not affect the structural stability of the building.
2	Section V – Schedule of Requirements	2.5 – Job Description	7	Profile of manpower requirements for the Managed Services at the Data Center	Refer to Annexure A
3	Section V – Schedule of Requirements	2.4.9	7	The staff strength required below is for steady state operations and is provided as a guideline for the bidders. Hence bidders may also submit an alternate staffing and scaling plan along with their proposal. Bidder may not require the entire staff proposed below on Day 1.	Refer to Annexure B

Annexure A

2.5   Job Description

Profile of manpower requirements for the Managed Services at the Data Center

Sr. No.	Personnel Required	Qualification	Area of Specialisation	Certifications required	No. of Resources
IT Personnel					
1	Network Engineer	BE – Computers/Electronics MCA with minimum experience of 3 years as Network Engineer	Should have proven expertise in the following areas 1. NMS – Familiarity with SNMP (V1/V2), CIM, JMX standards 2. Configuration, Installation , trouble shooting of routers, switches (Cisco NEXUS 7600) and firewalls 3. Port configuration 4. Configuration of TCP/IP (V4/V6), RIP/OSPF/BGP/STP protocol parameters. 5. Interface with ISPs for troubleshooting WAN link issues 6. Security protocol (SSL, Kerberos) 7. Proactive management and Preventive maintenance of L2/L3 components 8. Setup, Manage, Configure –HIDS, NIDS, SYSLOG, VPN, RADIUS servers	Cisco Certified Network Professional (CCNP)	2

| 2 | System admin/ Consultant | BE – Computers/Electronics

MCA with minimum experience of 3 years as system administrator | Should have proven expertise in the following areas

1. Installation , Configuration of Linux OS
2. Analysis of system resource utilization
3. Capacity, planning and management, performance tuning, system upgrades, bug fixes and implementation of software patches.
4. Installation and configuration of virtual machines, troubleshooting system issues, supporting application/middleware installation-reconfiguration, adding/deleting users from the system, and generating reports.
5. Configuration and implementation of SAN, creation and management of file systems, volume groups.
6. Experience of atleast 1 year in installation, management and administration of blade servers is a must. | Redhat Certified Architect (RHCA) | 10 |
| 3 | Database Administartion | BE – Computers/Electronics

MCA with minimum experience of 5 years as database administrator | Should have proven expertise in the following areas

1. Monitoring and maintenance of databases, installation of database software patches/upgrades, monitoring of database backups, database replication | MySql | 4 |

			techniques, standardization and implementation of databases to improve the management of production and test environments, support users by resolving problems with applications' databases. 2. Monitor and allocate volumes, analysis of utilization and resources, performance tuning, monitor db replication, coordination of system upgrades or fixes. 3. Should have extensive experience in administering databases of 10+ TB . 4. Should have a minimum of 3 years experience as a DBA on a Unix/Linux platform (MySQL/Oracle). 5. Setup, Manage and tune databases in a clustered environment.		
4	Storage engineer	BE – Computers/Electronics with minimum experience of 3 years as storage administrator	Should have proven expertise in the following areas 1. Monitoring and maintenance of SANS, configuration and monitoring of Fibre Channel Switches/Fabric, installation of disk arrays, patches/upgrades, firmware upgrades, snapshots and backups, standardization and implementation of storage to improve the management of production and test environments, support users by resolving problems with	NA	4

			storage. 2. Should be familiar with storage management products (EMC/HP/IBM/NetAPPs), identifying and resolving storage and i/o bottlenecks. 3. Allocate volumes, create and manage zones, LUN, manage fabric security, analysis of utilization and resources, performance tuning, capacity planning, monitor storage based replication, coordination of system upgrades or fixes with system and database administrators.		
Data Center Personnel					
1	Shift Manager	B.E./ Diploma in Electrical/ Mechanical	1. Should have experience of about 5 to 7 years in Data Center operation and maintenance. 2. Should be technically sound and have hands on experience in trouble shooting. 3. Should have good interpersonal skills to handle vendors and junior staff and should be able to multi task.	NA	

Annexure B

2.4.9 The staff strength required below is for steady state operations and is provided as a guideline for the bidders. Hence bidders may also submit an alternate staffing and scaling plan along with their proposal. Bidder may not require the entire staff proposed below on Day 1.

Sl.No	Resources	Numbers
1	*Operation and Maintenance - UIDAI Tech Office*	
	Shift Manager	3
	Inventory Manager	1 (across Shifts)
	Electrician	1 (across shifts)
2	*Operation and Maintenance - Data Center*	
	Network engineer	2
	Storage engineer	4
	System administrator	10
	Database administrator	4
	Application administrator	6
	Security engineer (should be scheduled as per the UIDAI requirement)	4
	NOC engineer (should be scheduled as per the UIDAI requirement)	4
	Service engineer (should be scheduled as per the UIDAI requirement)	3
	Quality Assurance staff (should be scheduled as per the UIDAI requirement)	2
3	*No. of seats in Non DC (Office Space)*	
	Seats with Telephone Connection, PC covering the following configuration: Intel Core 2 Duo processor, 2 GB RAM, 300 GB HDD, 15" Colour TFT Monitor, keyboard, mouse, etc. with OS as Windows XP or higher version and MS Office 2007.	15