

Corrigendum IV - RFP for Hiring of Data Center Space & Facilities for UIDAI at NCR

Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made																																																								
1	Corrigendum III	Annexure I	11, 12 of 40	Annexure I of Corrigendum III: Revised version of Table 31.6 of Section II Instruction to bidders of the RFP. Technical Compliance to Data Center Parameter <table border="1"> <thead> <tr> <th>Clause 3 Section V</th> <th>Evaluation Parameter</th> <th>Max Marks</th> <th>Minimum Qualifying Points</th> </tr> </thead> <tbody> <tr> <td>3.6</td> <td>Security Systems</td> <td>80</td> <td>56</td> </tr> <tr> <td>3.6.1</td> <td>Access Control Systems</td> <td>30</td> <td>21</td> </tr> <tr> <td>3.6.2</td> <td>Closed Circuit Television Systems</td> <td>30</td> <td>21</td> </tr> <tr> <td>3.6.3</td> <td>Physical Security</td> <td>20</td> <td>14</td> </tr> <tr> <td>3.9</td> <td>Office Space</td> <td>70</td> <td>49</td> </tr> <tr> <td colspan="2">Total</td> <td>1350</td> <td>945</td> </tr> </tbody> </table>	Clause 3 Section V	Evaluation Parameter	Max Marks	Minimum Qualifying Points	3.6	Security Systems	80	56	3.6.1	Access Control Systems	30	21	3.6.2	Closed Circuit Television Systems	30	21	3.6.3	Physical Security	20	14	3.9	Office Space	70	49	Total		1350	945	The clause 31.6 stands modified and shall be read as follows <table border="1"> <thead> <tr> <th>Clause 3 Section V</th> <th>Evaluation Parameter</th> <th>Max Marks</th> <th>Minimum Qualifying Points</th> </tr> </thead> <tbody> <tr> <td>3.6</td> <td>Security Systems</td> <td>90</td> <td>63</td> </tr> <tr> <td>3.6.1</td> <td>Access Control Systems</td> <td>30</td> <td>21</td> </tr> <tr> <td>3.6.2</td> <td>Closed Circuit Television Systems</td> <td>40</td> <td>28</td> </tr> <tr> <td>3.6.3</td> <td>Physical Security</td> <td>20</td> <td>14</td> </tr> <tr> <td>3.9</td> <td>Office Space</td> <td>60</td> <td>42</td> </tr> <tr> <td colspan="2">Total</td> <td>1400</td> <td>980</td> </tr> </tbody> </table> Please refer to Annexure I of Corrigendum IV for revised Clause 31.6	Clause 3 Section V	Evaluation Parameter	Max Marks	Minimum Qualifying Points	3.6	Security Systems	90	63	3.6.1	Access Control Systems	30	21	3.6.2	Closed Circuit Television Systems	40	28	3.6.3	Physical Security	20	14	3.9	Office Space	60	42	Total		1400	980
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2	Corrigendum III	Annexure V	F: 29 of 40 and K: 36 of 40.	Annexure V of Corrigendum III: Revised version of Annexure 4.1.9: Response Sheet of Section IV of the RFP	The clause stands modified:- 1. (F) BMS system marks allocation for sub-components point 9 and 10 2. (K) Managed Services – Detail evaluation and mark allocation for sub-components points 16 and 17 Please see Annexure II of Corrigendum IV for revised Annexure 4.1.9 – Response sheet of the bid document.																																																								
3	Corrigendum III	Annexure VII	39 of 40	Annexure VII of Corrigendum III: Revised version of Annexure 4.2.3(d) Detailed Cost Sheet – Managed Services of Section IV- Contents of Bid of the RFP	The clause stands modified - The bidder is required to provide the monthly cost of the Project Manager also along with other personnel for Managed Services. Please see Annexure III of Corrigendum IV for revised Annexure 4.2.3(d) – Managed Services of the bid document																																																								

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Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
4	Section IV of the RFP	Annexe 4.2.3 (c)	35 of 37	Annexe 4.2.3(c) of Section IV Contents of Bid of the RFP: Detailed cost sheet – Variable Recurring Cost (Also modified in Corrigendum II)	Please refer to Annexure VI of Corrigendum IV for modified table for Detailed Cost Sheet – Variable Recurring Cost. Note: The heading of Item C3 is changed. MPLS is changed to Point to Point
5	Section V (Revised in Corrigendum III)	2.4.9	6 of 80	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.	The clause 2.4.9 stands modified and may be read as The DCSP is required to deploy all the key personnel within (T+5) and (T+20) days as detailed in Annexure IX of corrigendum IV - Sr. No. 4. UIDAI will advise its additional deployment requirement (after the 10 key personnel at each site) to the bidder giving three weeks clear time for deployment.
6	Section V (Revised in Corrigendum III)	2.4.10	7 of 80	Table for Managed Personnel	Please refer to Annexe IV of Corrigendum IV for modified Table for Managed Personnel with Additional Note.
7	Section V (Revised in Corrigendum III)	2.5	8 of 80	Job Description: Profiles for manpower requirements for the Managed Services at the Data Center	The table stands modified. Please refer to Annexe V of Corrigendum IV for the revised version of the table.

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Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
8	Section V (Revised in Corrigendum III)	2.5	9 of 80 (Item 3 Point 3)	Should have extensive experience in administering databases of 10+ TB.	The clause 2.5 (3) Database Administrator point (3) stands modified and may be read as Should have extensive experience in administering databases of 5+ TB.
9	Section V (Revised in Corrigendum III)	2.5	9 of 80 (Item 3 Point 4)	Should have a minimum of 3 years experience as a DBA on a Unix/Linux platform (MySQL/Oracle).	The clause 2.5 (3) Database Administrator point (4) stands modified and may be read as Should have a minimum of 3 years experience as a DBA on MySQL on Linux platform.
10	Section V (Revised in Corrigendum III)	NA	NA	Additional understanding on Managed Service	Please refer to Annexure VII of Corrigendum IV for Managed Services
11	Section V (Revised in Corrigendum III)	2.4.8	6 of 80	UIDAI desires to avail Managed Services from DCSP. Bidder should confirm the availability of such services and also submit the standard deliverables for the following services. Operation window will be decided mutually. The NOC for these Managed Services should strictly be on-site. The Software required for the Managed Services would be provided and operated by the DCSP and would remain in their scope.	The clause stands modified and would be read as under:- UIDAI desires to avail Managed Services from DCSP. Bidder should confirm the availability of such services and also submit the standard deliverables for the following services. Operation window will be decided mutually. The NOC for these Managed Services should strictly be on-site. The Software required for the Managed Services would be provided and operated by the DCSP and would remain in their scope. The software includes tools for monitoring SLA, Managing Service Desk, NOC and Inventory Management.

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Sr. No.	RFP Reference	Relevant Clause/ Provision	Pg. No.	Existing Clause	Modified Clause/ Changes Made
12	Section V (Revised in Corrigendum III)	NA	NA	Bill of Material	Please refer to Annexure VIII of Corrigendum IV for Bill of Material
13	Section V (Revised in Corrigendum III)	2.4.9	Table for Managed Service Personnel	No. of CV's to be provided for evaluation and if same personnel to be deployed whose Cv's are provided.	<p>(1) Proposed Managed personnel team – 5 CV's for Delhi and 5 Cv's for Bengaluru shall be of the personnel who will be deployed in each of the location. The same personnel shall be deployed within (T+5) where T is date of letter of intent or purchase order.</p> <ol style="list-style-type: none"> 1. Project Manager 2. Network Engineer 3. System Administrator 4. Application Administrator 5. Database Administrator <p>(2) Proposed Managed personnel team – 5 Cv's for Delhi and 5 Cv's for Bengaluru (either same personnel whose CV's have been provided will be deployed or personnel with similar experience). The same personnel shall be deployed within (T+20) where T is date of letter of intent or purchase order.</p> <ol style="list-style-type: none"> 1. Shift Manager 2. System Administrator 3. Application Administrator 4. Security Engineer 5. NOC Engineer
14	Section V	2.7.11.12	56/80	The bidder shall also provide sufficient media (tape library) for daily, weekly and additional backups for the duration of the contract.	The clause stands revised and shall read as under: The media for daily/ weekly and additional backup would be provided by UIDAI.

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Section II

31.6. Technical Compliance to Data Center/ Managed Service Parameters:

Clause 3 Section V	Evaluation Parameter	Max Points	Minimum Qualifying Points
3.2	Architecture and Structural	100	70
3.2.1	Location	10	7
3.3.2	Building	15	11
3.2.3	Telco/ Communication Room	10	7
3.2.4	Staging Room	10	7
3.2.5	Secure Storage Space (Store Room)	10	7
3.2.6	Server Hall	30	21
3.2.7	Services/ Utility Rooms/ Vault Room	15	11
3.3	Electrical Systems	100	70
3.3.1	Power	10	7
3.3.2	Transformers	10	7
3.3.3	Diesel Generators	20	14
3.3.4	Main LT Distribution Panel	10	7
3.3.5	Un-interruptible Power Supply System	20	14
3.3.6	Distribution Panels	20	14
3.3.7	Earthing	10	7
Clause 3 Section V	Evaluation Parameter	Max Points	Minimum Qualifying Points
3.4	Heat ventilation and Air-conditioning	80	56
3.4.1	Comfort Air Conditioning	20	14
3.4.2.	Precision AC	60	42
3.5	Fire Systems	50	35
3.5.1	Fire Alarm	25	17.5
3.5.2	Fire Suppression System	25	17.5
3.6	Security Systems	90	63
3.6.1	Access Control Systems	30	21
3.6.2	Closed Circuit Television Systems	40	28
3.6.3	Physical Security	20	14
3.7	BMS System	50	35

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Clause 3 Section V	Evaluation Parameter	Max Points	Minimum Qualifying Points
3.8	Network Set up, Racks and cages	60	4
3.9	Office Space	60	42
3.10	Operational Requirements	100	70
3.11	MIS Report	60	42
3.12	Bidder Company Experience	100	70
3.14	Experience of Managed Services work demonstrated in the past by Bidder or Consortium member, as applicable	300	210
3.13 & 2.5	Key Managed Services Personnel currently employed and proposed (as per the Job Description Clause 2.5)	250	175
	TOTAL	1400	980

Bidders shall note that:

1. **Inputs for the above evaluation** shall be derived from the **respective responses to the Bid Document** as specified in **Section V** of the Bid Document, as applicable.
2. The Detailed Response Sheet with points allotted are specified in **Section IV, Annexure 4.1.9**.
3. **Purchaser will conduct a Site Visit to the proposed Data Center Facility. The location decided to be provided to the Purchaser by the Bidder should be provided for inspection during the site visit. On winning the bid, the same location which was provided for inspection during site visit to be allotted to the Purchaser.**
4. Based on the above evaluation criteria, the total marks obtained would be calculated and converted to marks obtained out of 60 marks allotted for overall technical bid.

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Section IV "Contents to Bid"

Annexe 4.1.9: Response Sheet

I.	Check Points	Score	Compliance	Detailed Answers and Remarks
F	BMS System:			
1	Please state the compliance for the requirements as stipulated in Section V, Clause No. 3.7 and corresponding stipulated specifications. In case of any deviations, please use the Deviation format attached as Annexure 4.1.11 in Section IV.			
2	Is the BMS of Data Center integrated with the BMS of the building	5		
3	Confirm the list of equipments monitored through BMS	10		
	a) DG sets			
	b) Transformers			
	c) Chillers			
	d) AHU			
	e) Precision Air conditioners			
	f) Fire Alarm System			
	g) CCTV			
	h) Access Control system			
	i) Energy meters			
	j) Water leak Detection System			
	k) Very Early Smoke Detection and Alarm system			
	Others (Specify)			
4	Is the BMS monitored 24x7	3		
5	Who monitors the BMS?	2		
6	What is the frequency of reports generated from BMS?	3		

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7	Is the BMS Room separate or is it shared with some other utility Room/ Area?	5		
8	Is the system capable of generating reports of power consumption from the PDU?	5		
9	Is the Temperature and humidity sensing and monitoring of the Data Center floor Area done on a continuous basis and fed to the BMS System and is it IP based to allow accessibility for UIDAI to monitor remotely?	5		
10	Please confirm retention of the following data as per the retention period indicated against each. DCSP should have capability to restore and replay the data within the stipulated retention period.	10		
	a) Access logs (3 months)			
	b) CCTV (1 year)			
	c) Power consumption (3 months)			
	d) Alarms generated (3 months)			
11	What is the system of escalation from BMS – calls, SMS, Mails, etc.?	2		
K	Managed Services			
16	Experience of similar Managed Services work demonstrated in the past by Bidder or Consortium member, as applicable <ul style="list-style-type: none"> • 2 Government Clients (150 point each) and / or • 2 large private sector client (150 point each) 	300		
a	Scale of the Project (Approx. value of the contract (in INR)) Marks will be allocated based on following parameter:- <ul style="list-style-type: none"> i. > 5 crore = 30 ii. > 4 crore = 20 iii. > 3 crore = 15 iv. > 2 crore = 10 	30		
b	Project Status Marks will be allocated based on following parameter:- <ul style="list-style-type: none"> i. Successfully Completed - 30 ii. Ongoing (more than one year) - 20 	30		
c	Scope of Work will be scored based on following criteria:- <ul style="list-style-type: none"> a. The scope of work sited in 16(a) should be primarily for SI of the IT components/ systems including but not limited to installation, built, integration, testing, commissioning, maintenance of servers, storage, network, IT security and related components in Data Centers. 	50		

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	<p>b. Managed services for management and maintenance of the IT infrastructure solution at the DC on a 24 x 7 x 365 basis.</p> <p>c. Experience in creating documents for the process and procedures for configurations of items in (a) above.</p>	20																																						
		20																																						
17	<p>Key Managed Services Personnel currently employed and proposed</p> <ul style="list-style-type: none"> For Adequacy of qualification and experience of: (Please refer to Clause 2.5 of Revised Section V) For number of key personnel to be deployed (Please refer to Clause 2.4.10 of Section V) <table border="1"> <thead> <tr> <th>Personnel</th> <th>Personnel at Offered Site</th> <th>Personnel at UIDAI existing DC at Bengaluru</th> <th>Marks allocated for each personnel</th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td>1</td> <td>1</td> <td>50</td> </tr> <tr> <td>Shift Manager</td> <td>1</td> <td>1</td> <td>25</td> </tr> <tr> <td>Network Engineer</td> <td>1</td> <td>1</td> <td>35</td> </tr> <tr> <td>System Administrator</td> <td>2</td> <td>2</td> <td>30</td> </tr> <tr> <td>Database Administrator</td> <td>1</td> <td>1</td> <td>35</td> </tr> <tr> <td>Application Administrator</td> <td>2</td> <td>2</td> <td>25</td> </tr> <tr> <td>Security Engineer</td> <td>1</td> <td>1</td> <td>25</td> </tr> <tr> <td>NOC Engineer</td> <td>1</td> <td>1</td> <td>25</td> </tr> </tbody> </table>	Personnel	Personnel at Offered Site	Personnel at UIDAI existing DC at Bengaluru	Marks allocated for each personnel	Project Manager	1	1	50	Shift Manager	1	1	25	Network Engineer	1	1	35	System Administrator	2	2	30	Database Administrator	1	1	35	Application Administrator	2	2	25	Security Engineer	1	1	25	NOC Engineer	1	1	25	250		
Personnel	Personnel at Offered Site	Personnel at UIDAI existing DC at Bengaluru	Marks allocated for each personnel																																					
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Shift Manager	1	1	25																																					
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Application Administrator	2	2	25																																					
Security Engineer	1	1	25																																					
NOC Engineer	1	1	25																																					

Important Note: This checklist will be used by the Purchaser or it's authorized representative/ agency for reviewing the proposed site for Data Center as mentioned in Clause 31.3. (iii) Section II.

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Annexure III - Section IV "Contents to Bid"

Annexe 4.2.3d: DETAILED COST SHEET – Managed Services

Sl.No	Resources	Numbers	Unit Rate per month (INR)	Amount per month (INR) (5)=(3)*(4)	Taxes per month (INR)	Total Amount per month (INR) (7)=[(5)+(6)]
-1	-2	-3	-4	-5	-6	-7
D1	Operation and Maintenance - Data Center					
	Project Manager	1				
	Shift Manager	3				
	Inventory Manager (One per shift)	3				
	Electrician (One per shift)	3				
	Network engineer	2				
	Storage engineer	4				
	System administrator	10				
	Database administrator	4				
	Application administrator	6				
	Security engineer	4				
	NOC engineer	4				
	Service engineer	8				
	Quality Assurance staff	2				
D2	Any other Managed Services Cost					
TOTAL MANAGED SERVICES COST (D)						

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Annexure IV - 2.4.9 – Table for Managed Services per location

Sl.No	Resources	Numbers of personnel	Key personnel of Managed Services
1	<i>Operation and Maintenance - Data Center</i>		
	Project Manager	1	1
	Shift Manager	3	1
	Inventory Manager (one per Shift)	3	-
	Electrician (one per Shift)	3	-
	Network engineer	2	1
	Storage engineer	4	-
	System administrator	10	2
	Database administrator	4	1
	Application administrator	6	2
	Security engineer	4	1
	NOC engineer	4	1
	Service engineer	8	-
	Quality Assurance staff	2	-
2	<i>No. of seats in Non DC (Office Space)</i>		
	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	

Note:-

1. The Bidder should note that the proposed Managed Services team as per the table above, should be on Managed Service's payroll
2. The Bidder should submit the proposed Managed Services team CV's and the same would be used for evaluation set under Section II of Clause 31.6
3. The Bidders are required to submit CV's of all the personnel mentioned in Key Personnel for both the sites (Offered Site and UIDAI existing DC site at Bengaluru)

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Annexure V - Job Description

Sr. No	Personnel Required	Qualification	Area of Specialisation	Certifications required
1	Shift Manager	B.E./ Diploma in Electrical/ Mechanical	<ol style="list-style-type: none"> 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
2	Security engineer	BE/B.Tech	<ol style="list-style-type: none"> 1. 10 to 12 years of experience in information technology or security 2. Strong communications skills, both written and oral 3. Organized, responsive and highly thorough problem solver 4. Technical Knowledge: UNIX, AIX, Linux, Cisco Network IDS, Cisco Host-based IDS, eTrust Access Control, ESM, and IDS. DES encryption, Digital Certificates, SSL, VPN, IPSec, TCP/IP, DNS and web security architecture, MySQL, subversion, SpamAssassin/other spam tools 5. Exposure to Data security and data protection methodologies 6. OS hardening tools and techniques 7. Analysis of logs pertaining to network, storage, server devices to identify potential threats and weakness 	CISSP Certification
3	NOC engineer	B.E./Diploma in Computer Science- Minimum 3	Ability to manage NOC, Track metrics, in real time (across LAN/WAN, IT Systems), co-ordinate with service desk to log and resolve issues,	

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		experience in using NOC in large data centres	proactively track and warn of any systemic issues. Good communication issues and ability to resolve L1/L2 issues.	
4	Service engineer	B.E./Diploma in Computer Science- Minimum 3 experience in working in large data centres	Well versed in ITIL processes and tools. Will be responsible for managing the service desks, logging trouble tickets, co-coordinating with other staff to bring issues to closure as per SLA. Should be able to handle/manage escalations and track issues to closure. Will be responsible for generating daily, monthly SLA reports and other metrics. Should have atleast 2 years prior experience in handling ITIL processes.	ITIL Foundation
4	Quality Assurance staff	Bachelors Degree in any field/Six Sigma certification	<ol style="list-style-type: none"> 1. Exposure to different stages of software development lifecycle 2. Exposure to process improvement methodologies, tools and techniques 3. Atleast 8-10 years of experience as a Quality Analyst. 4. Should have worked as a Quality Lead on large projects with demonstrable results 	Black Belt certification

Note: Revised Section V issued in Corrigendum III did not contain the above referred job descriptions and hence are additional to corrigendum III.

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Annexure VI - Annexe 4.2.3c: DETAILED COST SHEET – Variable Recurring Cost

Sl.No	Particulars	Unit	Estimated Qty per month	Unit Rate (INR)	Amount per month (INR) (6) =[(4)*(5)]	Taxes per month (INR)	Total Amount per month (INR) (8)=[(6)+(7)]
-1	-2	-3	-4	-5	-6	-7	-8
C1	Environmental and Infrastructural Service Charges						
C1.1	Environmental and Infrastructural Service charges per month	kWh	200000				

C.

Sl.No	Particulars	Unit	Qty	Unit Rate per month (INR)	Amount per month (INR) (6) =(4)*(5)	Taxes per month (INR)	Total Amount per month (INR) (8)=[(6)+(7)]
-1	-2	-3	-4	-5	-6	-7	-8
C2A	Internet Bandwidth						
C2A.1	Internet Bandwidth charges for 100 Mbps burstable to 300 Mbps by provider 1	Mbps	100				
C2A.2	Internet Bandwidth charges for 200 Mbps burstable to 500 Mbps by provider 1	Mbps	200				
C2A.3	Internet Bandwidth charges for 500 Mbps burstable to 1 Gbps by provider 1	Mbps	500				
C2A.4	Internet Bandwidth charges for 100 Mbps burstable to 300 Mbps by provider 2	Mbps	100				
C2A.5	Internet Bandwidth charges for 200 Mbps burstable to 500 Mbps by provider 2	Mbps	200				
C2A.6	Internet Bandwidth charges for 500 Mbps burstable to 1 Gbps by provider 2	Mbps	500				
C2B	Bandwidth (Dedicated Point to Point Connectivity between Bengaluru – DC and NCR – DC)						
C2B.1	Bandwidth charges for 100 Mbps by provider 1	Mbps	100				
C2B.2	Incremental Bandwidth charges every additional 100 Mbps on existing link between Bengaluru DC and NCR DR by provider 1	Mbps	100+				

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C2B.3	Bandwidth charges for 100 Mbps by provider 2	Mbps	100				
C2B.4	Incremental Bandwidth charges every additional 100 Mbps on existing link between Bengaluru DC and NCR DR by provider 2	Mbps	100+				
Sl.No	Particulars	Unit	Qty	Unit Rate per month (INR)	Amount per month (INR)	Taxes per month (INR)	Total Amount per month (INR)
					(6) =(4)*(5)		(8)=[(6)+(7)]
-1	-2	-3	-4	-5	-6	-7	-8
Other Variable Costs if any							
C3	Any other Variable Recurring Cost (please provide precise brief description)						
C4	Any other Variable Recurring Cost (please provide precise brief description)						
TOTAL VARIABLE RECURRING COST (C)							

Note:-

- i. Establishing the MPLS link between the Bengaluru DC and NCR DC (DCSP site) shall be the responsibility of DCSP.
- ii. In case the DCSP chooses STM-1/STM-4 technology, the DCSP shall provide suitable devices to connect STM-1/STM-4 interfaces terminating in the Data center to the Internet Routers (in the Data Center) which have Gigabit Ethernet Interfaces (Copper + Fiber). The internet routers shall be provided by UIDAI. The DCSP shall also install, configure and manage the device. (Note:- this is required for DC and DR sites)

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Annexure VII - Managed Services

1. Program Management

The vendor is expected to be the single point of contact for the services at the Bengaluru-DC and NCR-DC. At the Bengaluru DC the vendor shall provide the following services:

- i. Service Desk- Setup, Manage, Track all incidents, service requests, incidents/trouble tickets, change management, perform root cause analysis and resolve issues. The service desk should be adequately staffed to ensure 24*7 support.

2. System Management and Service Desk

Currently the ZenOSS is used for monitoring and OTRS for trouble ticketing at the Bengaluru-DC, both of which are Open source tools. The provider can either continue to use the same tools at the NCR-DC or propose an alternative tool. The vendor shall manage these tool sets.

3. SLA

The vendor shall ensure that all IT systems including but not limited Network (LAN/WAN), Storage, Applications, Databases, Routers/Firewall, Web/Application Servers are up and running with an availability of atleast 99%. The SLAs shall be measured on a monthly basis. The vendor shall generate reports on the SLAs on a daily basis.

- i. Service Desk/Trouble ticket SLA
 - a. Major issue - 30 minutes (time to log) 120 Minutes (time to resolve)
 - b. Minor issue - 30 minutes (time to log) 240 Minutes (time to resolve)
 - c. Service Request - 30 minutes (time to log) 1 business days (time to resolve)
 - d. Information Request 30 minutes (time to log) 2 business days (time to resolve)
 - ii. The service desk will allocate a severity code to the trouble ticket as defined below:
 - a. **Major** – Incident causing disruption by impacting critical UIDAI business functions like Enrolment, Authentication, Security service and needs immediate attention (Non-availability of service or multiple users are affected)
 - b. **Minor** – Incident causing degradation of service which impacts the functioning of UIDAI business (Performance issues, Reliability Issues, or any other high impact issues)
 - c. **Service Request** - Any request for service from UIDAI like change in IT System Configuration (server, storage, network, OS, middleware, database, application etc.) or request for any other installation/ configuration
 - d. **Information** - Any request for information or query and not incident– Examples – UIDAI requests for details or clarifications or specific reports
4. **Manpower and resource to be deployed at Offered site and UIDAI existing DC at Bengaluru (Please refer to Sr. No. 5 of Corrigendum IV)**

Corrigendum IV - RFP for Hiring of Data Center Space & Facilities for UIDAI at NCR

Annexure VIII - Existing System Description

The hardware used in existing Datacenter of UIDAI is blade servers of 2CPU 2 core type, SAN Storage (presently EMC make). Also rack mountable backup servers with 2 quad core CPUs, SAN Switches for the blade chassis and HBA for the blade servers are presently being used.

For the internal network requirements of the datacenter, various switching equipments of Cisco, for example, Cisco Nexus 7010, ASA series Firewalls, Catalyst 6500 multi layer switches, ASS series VPN concentrators, N5K and N7K switches, Cisco intrusion detectors, etc are presently being used.

Note: The above description is only intended for the bidder to get an idea of the present deployment expectations. However, in future, new or different type of equipments may get deployed and in such cases, the selected partner would be advised of such changes by UIDAI with reasonable lead time.

Corrigendum IV - RFP for Hiring of Data Center Space & Facilities for UIDAI at NCR

Annexure IX - Clarifications of Queries

Sr No	Section No	Clause No	Reference/Subject	Clarification sought	Draft consolidated Replies
1	Section V	3.10.20 (b)	MPLS connection between Data Centre in Bengaluru and Data Centre in NCR Delhi	Connectivity to CIDR and DC should be point to point or through MPLS cloud and the Bandwidth	Point to point connectivity with auto route diversity and auto healing of 100 mbps between Offered site and Existing UIDAI Data Center at the following address:- Bharti Airtel Limited Airtel Data Center South Hub - Plot 111 & 112 EPIP area opposite to SJR Complex, Whitefield, Bengaluru, Karnataka 560066
2	Section V	NA	NA	Linux or window based server used by UIDAI	Linux based server
3	Section V	3.10.14	The NOC should preferably be UIDAI dedicated.	(1) Requirement of Dedicated/ Shared NOC (2) If shared NOC can it be remotely located	It can be shared and remotely located NOC
5	Section V	2.5	(4) Storage Engineer 2. Should be familiar with storage management products (EMC/HP/IBM/NetAPPs), identifying and resolving storage and i/o bottlenecks.	Is the personnel should be familiar with all storage management products (EMC/HP/IBM/NetAPPs).	At present UIDAI is using EMC storage systems and storage management products. In case, UIDAI intends to use any other storage system or any other storage management product, UIDAI would advice the DCSP to arrange for suitable personnel with a month notice.