

Corrigendum/Addendum - NHB/ITD/RFP-O365 / OUT7055 /2020 - Request for proposal (RFP) for Co-location of Bank's Disaster Recovery Site & Services

Sr. No.	Page No.	Section	Clause/Sub-Clause No.	Original RFP Clause/Text	Corrigendum/Addendum	Revised/New RFP Clause/Text
1	7	2 National Housing Bank	As Point c	NA	Addendum	c. For more information and contact details of NHB presence location, Bidders may access the Bank's website https://nhb.org.in/en/
2	8	4.2 General Requirement	Point 1	The proposed Data Centre to host Bank's DR should be located in Navi Mumbai	Corrigendum	The proposed Data Centre to host Bank's DR Site should be located in Mumbai/Navi Mumbai
3	9	4.2. General Requirements:	Point 9	The Data Centre facility building should be designed and constructed for Earthquake resistance and should be built at one level up then the Seismic zone. No hazardous chemical materials.	Corrigendum	The Data Centre facility building should be designed and constructed for Earthquake resistance and should be Seismic zone 3 compliant. The Data Centre facility building should be away from hazardous chemical materials, LPG storage areas, chemical go-downs and other storage facilities meant for dangerous commodities.
4	9	4.2. General Requirements:	Point 11	Backup generators (Redundant) should be capable of providing power for 48 hours or continuously if fuel tanks are refilled.	Corrigendum	Backup generators (Redundant) should be capable of providing power for 24 hours or continuously if fuel tanks are refilled.
5	10	4.3. Server Room Area:	Point 8	Cold air should be pumped under the floor and enters through vents to ensure that the temperature is never greater than 21 deg. C.	Corrigendum	Cold air should be pumped under the floor and enters through vents to ensure that the temperature is as per ASHRAE guidelines/in the range of 22 +/-2 degrees
6	10	4.3. Server Room Area:	Point 14	The vendor shall provide one time LAN cabling from the Network rack to the Server Racks as per the network designed finalized with the Bank's network team at no additional cost to the Bank.	Corrigendum	The vendor shall provide one time LAN cabling from the Network rack to the Server Racks as per the network designed finalized with the Bank's network team at no additional cost to the Bank. Pl refer diagram mentioned in Annexure H. Vendor to use CAT6A/OM3 cables of any top three OEM. All patch-panels/LIUs will be fully populated with CAT6A/ Multimode/ Single mode Fibre chords as per requirement/ space provisioned to NHB. Vendor to provision passive components on site for immediate replacement/ maintenance/ connectivity etc.
7	10	Section 4.3- Server Room Area	Point 4	1. The server cage entrance & exit should be accessible using the proximity card with biometric access	Corrigendum	The server cage entrance & exit should be accessible using the biometric access
8	11	4.3. Server Room Area:	Point 16	The doors to the server hall should be able to withstand a bomb blast.	Corrigendum	The doors and partitions to the server hall will be having 2 Hrs fire rating capability and secure/strong enough for DC facility

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9	11	Section 4.3	Point No. 18	If required by Bank to monitor the cages from remote location, that feed should be provided to bank for monitoring its infrastructure remotely.	Corrigendum	18. If required by Bank, vendor should be able to provide the CCTV feed of the proposed cage for upto last 90 days.
10	12	4.7. BMS (Building Management System)	Point 10	Data Centre should host a network operations center (NOC) fitted with bulletproof glass, to CCTV cameras monitoring every aisle and doorway.	Corrigendum	Data Centre should host a network operations center (NOC) fitted with toughened or higher strength glass, to CCTV cameras monitoring every aisle and doorway.
11	13	Section 4.9	Point No. 3	Storage/ godown facility to be provided for a period of 1 month with exclusive access to NHB authorized personnel to meet the time gap between supply and installation	Corrigendum	Storage/godown facility (40 Sq.ft.) to be provided with exclusive access to NHB authorized personnel to meet the time gap between supply and installation/storage purposes.
12	14	4.9. Miscellaneous:	Point 6	Meeting room: The vendor shall provide discussion / meeting room facility to accommodate 8 to 10 persons as and when required. The meeting room should have projector and white board facility. Occasionally this facility may be required on immediate basis without any prior intimation.	Corrigendum	Meeting room: The vendor shall provide discussion / meeting room facility to accommodate 8 to 10 persons as and when required. The meeting room should have projector/screen/whiteboard/laptop connectivity etc. required for holding presentations/meetings. Prior notice/intimation will be issued for such requirements.
13	14	4.11. Power	Point 2	2. UPS should have N+1 redundancy (N+1 means 2 sets of identical units as primary & secondary and one unit as standby) and dual power to the racks should be available from two different UPS systems. The UPS systems should be fault tolerant with 2 separate paths for power supply to each rack.	Corrigendum	UPS should have N+N redundancy and dual power to the racks should be available from two different UPS systems. The UPS systems should be fault tolerant with 2 separate paths for power supply to each rack.
14	14	Section 4.9.	Miscellaneous: Point 9	Sharing the video monitoring data on monthly basis.	Corrigendum	Bidder may provide data to Bank on a read only CD/private cloud through proper channel, only on request from Bank's authorised personnel
15	15	Section 4.12	Seating Space: Point 6	The VENDOR shall provide the network connectivity from the seating space provided by the VENDOR to the Bank's server caged area. For each seat the VENDOR shall provide redundant network points (2 points).	Corrigendum	The VENDOR shall provide the network connectivity from the seating space provided by the VENDOR to the Bank's server caged area. For each seat the VENDOR shall provide redundant network points (2 points). The seats will be facilitated with Desktop/system to monitor hosted infrastructure or carrying out administration remotely. The restricted internet facility will also be made available on the BCP Seats' systems

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16	25	7.11 Documents Comprising the Bid	Technical Bid-Point Number 10 of 7.11.1	Soft copy of technical bid	Corrigendum	Bidder shall submit the Soft Copy of Technical bid in the shape of CD Drive/ USB Drive inside the envelope of Hard copy of the bid.
17	25	7.11 Documents Comprising the Bid	Commercial Bid Point Number 2 of 7.11.2	Soft copy of commercial price bids.	Corrigendum	Bidder shall submit the Soft Copy of Commercial bid in the shape of CD Drive/ USB Drive inside the envelope of Hard copy of the commercial bid.
18	26	7.14.Implementation Schedule:	S.No 1 & S.No 2	SIX weeks from the date of PO.	Corrigendum	Eight weeks from the date of PO.
19	26	7.14.Implementation Schedule:	S.No 3	EIGHT weeks from the date of PO.	Corrigendum	Ten weeks from the date of PO.
20	38	9.10. Technical evaluation methodology	91.10.1: Bidder's Past Experience: S.No1	The bidder must have provided cohosting space comprising at least 3 rack space area (per client), at the Proposed Colocation Site in Mumbai, to the organisations/ companies/ BFSIs having head offices in India. Marks for submitted project credentials will be allotted as below:	Corrigendum	The bidder must have provided co-hosting space comprising at least 2 Rack space area (per client), at the proposed Colocation DC Sites in Mumbai/ Navi Mumbai, to the organisations/ companies/ BFSIs having head offices in India. Marks for submitted project credentials will be allotted as below:
21	38	9.10. Technical evaluation methodology	91.10.1: Bidder's Past Experience: S.No1 (a)	Two project having atleast one customer under BFSI Category - 5	Corrigendum	Two Projects having atleast one customer under BFSI Category - 15
22	38	9.10. Technical evaluation methodology	91.10.1: Bidder's Past Experience: S.No1 (b)	Five Projects having atleast two customers under BFSI Category - 10	Corrigendum	Five Projects having atleast two customers under BFSI Category - 18
23	38	9.10. Technical evaluation methodology	91.10.1: Bidder's Past Experience: S.No1(c)	Ten Projects atleast three customers under BFSI Category- 15	Corrigendum	Ten Projects atleast three customers under BFSI Category- 20
24	38	9.10. Technical evaluation methodology	91.10.1: Bidder's Past Experience: S.No1 (d)	More than Ten projects having atleast two customers under BFSI Category -25	Corrigendum	More than Ten projects having atleast three customers under BFSI Category -25
25	39	9.11. Terms of Technical evaluation	9.11.ii	Bids qualifying for further evaluation have to meet qualification criteria score defined in clause 9.9 above. Bids not qualifying in any one of the three criteria will be disqualified for further evaluation.	Corrigendum	ii. Only those Bidders, who have qualified in the first two criteria, as defined in Clause 9.9-Table 9.9 (S.No 1 and S.No.2), will be called for online/offline presentation for proposal plan Evaluation, as notified by the Bank. Subsequently, Bids meeting qualification score criteria individually in all the three categories defined in Clause 9.9-Table 9.9, will only be eligible for further commercial evaluation. Please note that Bids not meeting qualifying score in any one of the three criteria will be disqualified for further evaluation.
26	45	11.19 Liquidated Damages/Delivery	11.19.1 Delivery of Infrastructure	ii. In case of delay, Bidder will have to pay late delivery charges to the Bank @ 1% of the total contract value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total contract value inclusive of all taxes, duties, levies etc.	Corrigendum	ii. In case of delay, Bidder will have to pay late delivery charges to the Bank @ 0.5% of the Total contract value[Table7: [Cv] of Commercial Bid] inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total contract value inclusive of all taxes, duties, levies etc.

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27	53	Annexure 'C'- (Minimum Eligibility Criteria)	5d	TIA 942 compliance for Rated 3 (for at least two of the following - Architectural, electrical, cooling, and network.)	Corrigendum	TIA 942 compliance for Rated 3 (for at least two) of the following - Architectural, electrical, cooling/mechanical, and network/telecommunication.)
28	53	Annexure 'C'- (Minimum Eligibility Criteria)	S.No 6	Air Quality in Co-hosting site should be of severity level G1 (mild) as per ISA-71.04. Proof Required: Air Quality Report along with an undertaking on a Bidder's letterhead, clearly mentioning that Air Quality in Data Centre Co-hosting site has severity level G1 (mild) as per ISA-71.04	Corrigendum	Air Quality Report along with an undertaking on a Bidder's letterhead, clearly mentioning that Air Quality in Data Centre Co-hosting site has severity level G1 (mild) as per ISA-71.04 or Equivalent Severity Level parameter confirming with Copper Reactivity Level < 300 angstroms and Silver Reactivity Level < 200 angstroms. Copy of certificate, certifying above and issued to Bidder in this regards is to be submitted.
29	58	Annexure 'F'- (Technical Evaluation Requirements)	2	The facility should be either owned by bidder or on lease with unexpired lease duration of 12 years as on date of RFP. a. Owned / Leased but exclusive Data centre building - 6marks b. Owned / Leased but shared with multiple tenants-2 marks	Corrigendum	The facility should be either owned by bidder or on lease with unexpired lease duration of 12 years as on date of RFP. a. Owned / Leased but exclusive Data centre building - 6marks b. Owned / Leased but shared with multiple tenants- 3 marks
30	58	Annexure 'F'- (Technical Evaluation Requirements)	6	The structural strength of the proposed building should have been certified and latest report to be available. The report should not be more than one year old.	Corrigendum	The structural strength of the proposed building should have been certified and latest report to be available. For certificate older than One year old, a declaration by the authorised official is required to be submitted declaring that no internal structural changes/fitment is carried out since the issuance of pervious such certificate along with the copy of original/latest such certificate.
31	58	Annexure 'F'- (Technical Evaluation Requirements)	3	Age of Building a. Less than 10 years- 4 marks b. More than 10 years 3 marks	Corrigendum	Age of Building a. Less than 12 years- 4 marks b. More than 12 years 3 marks
32	59	Annexure 'F'- (Technical Evaluation Requirements)	9	Freight Lift - The data center should have high capacity freight lift (4 Ton capacity) for ease of movement of servers and high-density network devices.	Corrigendum	Freight Lift - The data center should have high capacity freight lift (3 Ton capacity) for ease of movement of servers and high-density network devices.
33	59	Annexure 'F'- (Technical Evaluation Requirements)	11	The server room area should have a raised floor height of minimum 3ft.	Corrigendum	The server room area should have a raised floor height of minimum 2ft.

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34	59	Annexure 'F'- (Technical Evaluation Requirements)	8g	The bidder proposed site should have following compliance / certifications: g. Compliance to ASHRAE Standards minimum 90.4 of Energy Efficiency. Copy of the certification relevant w.r.t. data center service only	Corrigendum	The bidder proposed site should have following compliance / certifications: g. Compliance to ASHRAE Standards minimum 90.4 of Energy Efficiency Self-certification from Bidder's authorised personnel w.r.t. data center services, to be submitted.
35	59	Annexure 'F'- (Technical Evaluation Requirements)	8a	The bidder proposed site should have following compliance / certifications: a) NFPA 70 & 75 Copy of the certification relevant w.r.t. data center service only	Corrigendum	The bidder proposed site should have following compliance / certifications: a) NFPA 70 & 75 Self certification from Bidder's authorised personnel w.r.t. data centre services, to be submitted..
36	60	Annexure 'F'- (Technical Evaluation Requirements)	22	Diesel Tanks (for generators) - The data centre should have high capacity diesel tanks for ensuring 48-hour power backup with contracts for fuel supply on demand.	Corrigendum	Diesel Tanks (for generators) - The data centre should have high capacity diesel tanks for ensuring 24-hour power backup with contracts for fuel supply on demand. Bidder to submit requisite copy of contract/supporting documents in this regards.
37	60	Annexure 'F'- (Technical Evaluation Requirements)	24	Generators should be capable of providing power for 48 hours and continuously even during refilling.	Corrigendum	Generators should be capable of providing power for 24 hours and continuously even during refilling.
38	61	Annexure F : Technical Evaluation Requirements	Annexure F:Table I -S.No 31	The server cage area entrance and exit should be accessible using the proximity card with biometric access.	Corrigendum	The server cage area entrance and exit should be accessible using biometric access.
39	62	Annexure 'F'- (Technical Evaluation Requirements)	43	The CCTV Feeds should be provided to Bank for monitoring the cages/ its infrastructure remotely.	Corrigendum	The CCTV Feeds should be provided to Bank only if the request is carried out by Bank's authorised official. As standard offering, CCTV coverage would be given covering the entire Cage along with 90 days video archival.
40	62	Annexure 'F'- (Technical Evaluation Requirements)	52	Data centre vendor should ensure fibres from multiple providers are fed to the site from three independent channels in ring connectivity	Corrigendum	Data centre vendor should ensure fibres from multiple providers are fed to the site from two independent diverse paths/channels in redundant manner
41	62	Annexure F	S.No 46	Air Quality in the data center site should be of severity level G1 (mild) as per ISA -71.04.	Corrigendum	Air Quality in the data center site should be of severity level G1 (mild) as per ISA -71.04 or Equivalent as mentioned in Annexure C (MEC Point-6)

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42	67	Annexure 'H'- (Commercial Bid Format) 1. RECURRING CHARGES b. Seating Space Charges	Table 2	Charges for Seating Space at DC (seats) with one direct telephone line. (Charges include the monthly rent/charges towards telephone connectivity(with STD), no separate bill will be processed)	Corrigendum	Charges for Seating Space at DC (seats) enabled with one telephone extension/line to reach BCP Seats/Bidder's Hands & Eye Support Desk. Mobile phones will be allowed to BCP engineers to take/receive calls. (Charges, if any, for enablement of telephone/ extension connectivity will be borne by Bidder, separate bill will not be processed)
43	67	Annexure H : Recurring Charges:	Table 1 : Header	Total Cost of Five Years (F1=Dx5)	Corrigendum	Total Cost of Five Years (F1=AxDx5)
44	67	Annexure H : Recurring Charges:	Table 2 : Header	Total Cost of Five Years (F2=Dx5)	Corrigendum	Total Cost of Five Years (F2=AxDx5)
45	68	Annexure H : One Time Charges:	Table 4 : S.No1	Caging Charges to accommodate 4(four) rack space (3 active and 1 for future expansion).	Corrigendum	Caging Charges to accommodate 4(four) rack space [3 active and 1 Network or Server Rack for future expansion].
46	68	Annexure H: One Time Charges:	Table 4 : Header	Unit Cost Details	Corrigendum	Unit Cost Details per Annum
47	68	Annexure H: Optional/Future Charges	Table 4 : Header	Unit Cost Details	Corrigendum	Unit Cost Details per Annum
48	69	Annexure H : Recurring Charges:	Table 5 : Header	Total Cost C=A+D	Corrigendum	Total Cost C=AxD
49	69	Annexure H	Table 7 : Header	"Table 7"	Corrigendum	Be read as "Table 6"
50	109	ANNEXURE S	Curriculum Vitae (CV) of Key Personnel	Marks will be awarded where complete details are provided. It is mandatory that Bidder to provide details of project handled, brief of the assignment, period for each of the resource proposed relevant to scope of the tender & implementation. Each resource deployed shall provide self-certificate indicating relevant experience of tender scope.	Corrigendum	Marks will be awarded where complete details are provided. It is mandatory that Bidder to provide details of key/SPOC personnel assigned for this project to Bank comprising similar Projects handled, Project Management Experience relevant to scope of RFP, Certifications, if any, relevant to scope of services rendered etc.
						- IT Department