

Corrigendum-1 to GeM Bid ref: GEM/2026/B/7061408 dated 01/01/2026 for Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank.

It is decided to amend the following in respect of the above RFP:

a. GeM bid document (Bid End date/ Bid Opening Date, Page no. 1 of 7):

Description	Existing details	Amended details
Bid End Date/Time	22/01/2026, 15:00:00	<u>28/01/2026, 15:00:00</u>
Bid opening Date/Time	22/01/2026, 15:30:00	<u>28/01/2026, 15:30:00</u>

b. RFP Document:

Sl No	Section/ Annexure/ Appendix of GeM Bid	Clause No.	Existing Clause	Amended Clause/ New Addition
1	SECTION C - DELIVERABLE AND SERVICE LEVEL AGREEMENTS	Clause No:8 Integration & Interfaces	8.2 Bidder to ensure smooth physical migration with well coordination with all the parties involved for the relocation.	<u>Clause stands Deleted</u>
2	SECTION C - DELIVERABLE AND SERVICE LEVEL AGREEMENTS	Clause No:12 Local support	12.3 Root Cause Analysis shall be shared by the Bidder for all the reported incidents within 24 hours.	<u>Preliminary Root Cause Analysis shall be shared by the Bidder for all the reported incidents within 2 Business Days.</u>
3.	SECTION F - OWNERSHIP & AWARDING OF CONTRACT	Clause No:12	12.1 The Bank reserves its right to terminate this CONTRACT at any time without assigning any reasons, by giving a 30 days' notice	<u>The Bank reserves its right to terminate this CONTRACT beyond the lock-in-period time without assigning any reasons, by giving a 90 days' notice.</u>



4	SECTION F - OWNERSHIP & AWARDING OF CONTRACT	Clause No:12	12.2 The Bank reserves its right to cancel the entire / unexecuted part of the Purchase Order at any time by assigning appropriate reasons and recover expenditure incurred by the Bank in addition to recovery of liquidated damages in terms of the contract, in the event of one or more of the following conditions:	The Bank reserves its right to cancel the entire / unexecuted part of the Purchase Order at any time (including lock-in-period) by assigning appropriate reasons and recover expenditure incurred by the Bank in addition to recovery of liquidated damages in terms of the contract, in the event of one or more of the following conditions:
5	SECTION F - OWNERSHIP & AWARDING OF CONTRACT	Clause No:12	12.3 Bank shall serve the notice of termination to the Bidder post lock-in period of 3 years, at least 6 months prior, of its intention to terminate services without assigning any reasons.	<u>Bank shall serve the notice of termination to the Bidder at any time, if it is below 3 years, termination is applicable only in case of mergers or acquisitions.</u>
6	1. Project Timelines	1.3 Phase - 1	Within 4 weeks from the date of acceptance of Purchase Order.	Within 6 weeks from the date of acceptance of Purchase Order.
7	1. Project Timelines	1.3 Phase - 2	Within 6 weeks from the date of acceptance of Purchase Order.	Within 8 weeks from the date of acceptance of Purchase Order.
8	Payment Terms	3.1 All Non-Recurring/ One Time Cost	100% as per Table- A of Annexure 13 Payment will be released as per Table A,B of Annexure 13 on submission of Invoice and Acceptance by the Bank on production of relevant documents	100% as per Table- C of Annexure 13 Payment will be released as per <u>Table C</u> of Annexure 13 on submission of Invoice and Acceptance by the Bank on production of relevant documents and after deducting applicable penalties and Liquidated damages (if Any).





			and after deducting applicable penalties and Liquidated damages (if Any).	
9	Penalties/ Liquidated damages	6.1.1	<p>Penalties/ Liquidated damages for delay in implementation: If the Bidder fails to deliver any or all of the products and/or systems and/or services solutions within the time period(s) specified as per Clause 1.3 'Project Timelines', the Bank shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5 percent per week or part thereof of TCO subject to maximum deduction of 10% of the TCO or unperformed services for each week or part thereof of delay, until actual delivery, installation or performance as per related clauses mentioned in RFP. Once the maximum deduction is reached, the Bank may consider termination of the Contract at its discretion.</p>	<p>Penalties/ Liquidated damages for delay in implementation: If the Bidder fails to deliver any or all of the products and/or systems and/or services solutions within the time period(s) for Phase-2 as specified in Clause 1.3 'Project Timelines', the Bank shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5 percent per week or part thereof of TCO subject to maximum deduction of 10% of the TCO or unperformed services for each week or part thereof of delay, until actual delivery, installation or performance as per related clauses mentioned in RFP. Once the maximum deduction is reached, the Bank may consider termination of the Contract at its discretion.</p>
10	Additional Penalty clauses	6.3.1	<p>Root Cause Analysis for any reported incident</p> <p>To be shared within 1 Business Day</p> <p>Report shared within 1 Business Days - No Penalty</p>	<p>Preliminary Root Cause Analysis for any reported incident</p> <p>To be shared within 2 Business Days</p> <p>Report shared within 2 Business Days - No Penalty</p> <p>Delay more than 2 business days and up to 3 business</p>





			<p>Delay more than 1 days and up to 2 business days: 0.25% of Recurring Charges for the respective month per incident</p> <p>Delay more than 2 and up to 5 business days: 0.5% of Recurring Charges for the respective month per incident</p> <p>Delay More than 5 business days: 1.0% of Recurring Charges for the respective month per incident for each day and part thereof</p>	<p>days: 0.25% of Recurring Charges for the respective month per Incident</p> <p>Delay more than 3 and up to 5 business days: 0.5% of Recurring Charges for the respective month per Incident</p> <p>Delay More than 5 business days: 1.0% of Recurring Charges for the respective month per incident for each day and part thereof</p>
11	Annexure - 2 Pre-Qualification Criteria		Existing Annexure-2 Pre-Qualification Criteria	<u>Annexure-2 Amended Pre-Qualification Criteria</u>
12	Annexure-8 Scope of Work Including Technical Specifications		Existing Annexure-8	<u>Annexure-8 Amended Scope of Work including Technical Specifications</u>
13	Annexure-9 Technical Requirements		Existing Annexure-9 Technical Requirements	<u>Annexure-9 Amended Technical Requirements</u>
14	Annexure-10 Technical Evaluation Criteria		Existing Annexure-10 Technical Evaluation Criteria	<u>Annexure-10 Amended Technical Evaluation Criteria</u>
15	Annexure-13 Bill of Material		Existing Annexure-13 Bill of Material	<u>Annexure-13 Amended Bill of Material</u>



All the other instructions and terms & conditions of the above RFP shall remain unchanged.

Please take note of the above amendments while submitting your response to the subject RFP.

Date: 19/01/2026
Place: Bengaluru


Deputy General Manger




Annexure-2

Amended Pre-Qualification Criteria

(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank

Ref: GEM/2026/B/7061408 dated 01/01/2026

We have carefully gone through the contents of the above-referred RFP along with replies to Prebid queries & amendment, if any and furnish the following information relating to Pre-Qualification Criteria.no

Sl. No.	Pre-Qualification Criteria	Documents to be submitted In compliance with Pre-Qualification Criteria	Bidders Compliance (Yes/No)	Bidders Response
1.	Signing of Pre-Contract Integrity Pact	The bidder should submit signed Pre-Contract integrity pact on Non-Judicial Stamp Paper of Rs.500/- or more (as per respective state Stamp Act) as per Appendix-F.		
2.	The Bidder (including its OEM, and OSD/OSO, if any) should either be Class-I or Class-II local supplier as defined in Public Procurement (Preference to Make in India) Revised Order (English) dated 19/07/2024.	Certificate of local content to be submitted as per Annexure-5 as applicable.		
3.	The Company operating should be legally compliant company and can be: a. A partnership firm or a Limited Liability Partnership duly registered under the Limited Liability Partnership Act, 2008. (OR) b. Company duly registered in India as per Indian Companies Act, 1956 or Indian Companies Act, 2013. (OR) c. Proprietorship firm duly registered under the applicable shops and commercial Establishments Act and should be	Copy of Certificate of FIRM/LLP registration. (OR) Copy of Certificate of Incorporation and Certificate of Commencement of business in case of Public Limited Company or Certificate of Incorporation in case of Private Limited Company, issued by the Registrar of Companies. (OR) Copy of Certificate of registration under and Certificate of Commencement of business in case of Public Limited Company or Certificate of Incorporation in case of Private Limited Company, issued by the Registrar of Companies.		



	compliant to all the applicable laws.	For (c) Documentary proof for confirming registration of Proprietorship firm (e.g. Copy of Certificate of registration under shops and commercial Establishments Act., GST etc.)		
4.	The bidder should submit a declaration a. If not a group of company, Bidder Company is not owned or controlled by any Director, or Key managerial personnel of the Canara Bank or their relatives (or) b. If not a group of company, Bidder Company is owned or controlled by any Director, or Key managerial personnel of the Canara Bank or their relatives	Letter of Undertaking/Declaration to the effect in company's letter head has to be submitted to this effect.		
5.	The bidder should provide confirmation that any person/ Partnership/ LLP/ Company including any subsidiary or holding company/ proprietorship connected to bidder directly or indirectly has not participated in the bid process.	The bidder should submit letter of confirmation on the Company's letter head to this effect.		
6.	The Bidder should have an average annual turnover of Rs.40.00 Crore in the last three financial years (i.e., 2022-23 and 2023-24, 2024-25). This must be the individual company turnover and not of any group of companies.	Bidder has to submit audited Balance Sheet copies for last 3 Years i.e., 2022-23, 2023-24 & 2024-2025 along with certificate from the Company's Chartered Accountant to this effect with UDIN.		
7.	The Bidder/Bidder's parent company should not have been declared Non-Performing Asset (NPA) and defaulter in	Self-Declaration letter signed by Authorized Signatory to be submitted as per Annexure-19		



	repayment of instalments by any BFSI organization as on date of submission of the tender, otherwise the bid will not be considered			
8.	The Net Worth of bidder firm should not be negative as on 31/03/2025 and also should have not been eroded by more than 30% (thirty per cent) in the last three years, ending on '31/03/2025'.	The bidder should submit certificate from the Company's Chartered Accountant with UDIN to this effect.		
9.	The Bidder should have minimum experience of Three (03) years in providing any Data Center Colocation to any of the Scheduled Commercial Banks/ PSUs/BFSI in India as on 31/03/2025.	<p>The bidder has to provide relevant purchase order/ work order / engagement letter along with satisfactory project completion certificate/ Reference letter from the Concerned Organization/Email reference from the client clearly specifying the Data Center services.</p> <p>Kindly note that that Client's Email should be from their official Email IDs only, containing their name, designation & Contact number and duly marking a copy to 'dittenders@canarabank.com'.</p> <p>Any other document evidencing this criterion to the satisfaction and acceptance of the Bank.</p>		
10.	The proposed Data Centre for the Bank's Near Disaster Recovery site must be minimum Tier-3/Rated 3 certified and located within the limits of Navi Mumbai Municipal Corporation.	<p>Valid Tier III/ Rated 3/ Tier IV/ Rated 4 Certificate from Uptime Institute/TIA 942, clearly mentioning the address of the proposed Data Centre and that it complies with TIER/RATED-3 or TIER/RATED-4 requirements as per UPTIME/TIA 942.</p> <p>If the Proposed facility is under construction/new, then Bidder provides self- declaration of submitting the certification within 6-9 months from the date of the acceptance of the PO and,</p>		



14.	The Bidder / Bidder's Parent company must be the owner of the proposed Data Centre provided to the Bank or in the case of leased/sub-leased premises, the unexpired lease period must be available for at least another 12 years from RFP response due date	Undertaking to be provided to the effect that the premises are owned by the Bidder with other details. In case of Lease, copy of Self Attested Lease Agreement is to be submitted		
15.	The proposed Data Centre facility should be powered through an on-premises dedicated GIS substation, connected to a 220kV high-tension line, with a sanctioned power capacity of minimum 50 MVA	Bidder to submit a self-declaration of having a on-premise GIS Substation connected to a 220kV HT line and Power Sanction letter.		
16.	Bidders should not be under debarment/blacklist period for breach of contract/fraud/ corrupt practices by any Scheduled Commercial Bank/ Public Sector Undertaking/ State or Central Government or their agencies/ departments on the date of submission of this RFP.	A self-declaration letter by the bidder on the Company's letter head should be submitted to this effect.		



17.	<p>Any Bidder (Including OEM and OSD/OSO, if any) from a country which shares a land border with India will be eligible to bid, only if the Bidder (including OEM and OSD/OSO) are registered with the Competent Authority. Bidder (entity) from a country which shares a land border with India means:</p> <p>a. An entity incorporated, established or registered in such a country; or</p> <p>b. A subsidiary of an entity incorporated, established or registered in such a country; or</p> <p>c. An entity substantially controlled through entities incorporated, established or registered in such a country; or</p> <p>d. An entity whose beneficial owner is situated in such a country; or</p> <p>e. An Indian (or other) agent of such an entity; or</p> <p>f. A natural person who is a citizen of such a country; or</p> <p>g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.</p>	<p>A declaration stating "We have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India. We further certify that we and our OEM are not from such a country or if from such a country, has been registered with Competent Authority. We hereby certify that we and our OEM fulfils all requirements in this regard and are eligible to be considered" to be submitted in Company's letter head.</p> <p>[Where applicable, evidence of valid registration by the Competent Authority shall be attached.]</p>		
18.	<p>Authorization Certificate - Whether the Bid is authenticated by authorized person.</p>	<p>Bidder to submit a copy of the Board Resolution and the Notarized Power of attorney /Letter of authority if authority is sub delegated as mentioned in Board Resolution and KYC documents evidencing the authority delegated to the authorized signatory.</p>		
19.	<p><u>Bidder currently hosting the Bank's Disaster Recovery site in Navi Mumbai is ineligible to participate in this bid for NDR.</u></p>	<p><u>A self-declaration letter by the bidder on the Company's letterhead should be submitted to this effect.</u></p>		



	<u>The facility/campus where the Bank is currently hosting its Disaster Recovery site in Navi Mumbai is ineligible to participate in this bid for NDR.</u>			
20.	<u>Proposed facility to be Custom Built for the purpose of Data Centre.</u>	<u>A self-declaration letter by the bidder on the Company's letterhead should be submitted to this effect.</u>		

We confirm that the information furnished above is true and correct. We also note that, if there are any inconsistencies in the information furnished above, the bid is liable for rejection. All documentary evidence/ certificates confirming compliance to Pre-Qualification Criteria should be part of the RFP.

Date:
Place:

Signature with seal
Name:
Designation :



Annexure-8

Amended Scope of Work including Technical Specifications
(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank

Ref: GEM/2026/B/7061408 dated 01/01/2026

All points mentioned in scope of work are mandatory to comply and non-compliance to any of the point lead to disqualification of the bidder during evaluation.

1. Schedule of Requirements:

Sl. No.	Description	Quantity
Mandatory Items		
a.	Server Cage Area / Enclosure	Contiguous White Space
b.	Data Centre site Hosting / Co-Hosting space	No of 20 Racks (10 Racks immediate take up + 10 Racks reservation)
c.	Total Consumed Power	240 kW (120kW across 10 racks + 120kW across 10 racks for reservation space)
d.	Indicative Rack Dimensions	Server Racks: 45U x 800 W x 1200D mm Network Racks: 45U x 800 W x 1200D mm OEM Racks: Dimension of OEM racks will be shared at later stage.
e.	Dedicated Permanent Storage Area with Access Control System	Minimum -100 Sft
f.	Project Delivery Timeline	As per Clause Point 1 of Section C
g.	Dedicated & Diversified Conduit/ Metal Duct from cage area up to Meet Me Rooms	2 No's x 50mm GI Conduit (Round Pipe) or Metal duct on diverse paths (2 Paths) with junction boxes wherever applicable



h.	Supply of New Racks from Bidder	<p>Server Racks: 45U - 2 No.</p> <p>800 W x 1200 D mm Racks with one pair of 3 phase 32 amps standard RPDU's. Each RPDU to have 24 x C13 Sockets and 12 x C19 Sockets</p> <p>Network Racks: 45 U - 2 No.</p> <p>800 W x 1200 D mm Racks with one pair of 3 phase 32 amps standard RPDU's. Each RPDU to have 20 x C13 Sockets and 4 x C19 Sockets</p> <p>Note: Bidder to provide combination of Indian and IEC type sockets as per the requirement during finalization stage at no additional cost to the Bank.</p> <p>Supply of OEM Racks will be taken up by Bank.</p>
i.	Automatic/ Static Transfer Switch: Supply Installation and Maintenance by the Bidder throughout the contract tenure	<p>2 No's, 16 amps each</p> <p>Bidder to provide ATS/ STS, 8 No. IEC C-13 Sockets per STS</p>
j.	Seating Space Dedicated Contiguous Seating Space with Access Control System	6 No. of seats in an enclosed environment

2. Detailed Requirement:

The Bidder shall have the ability to perform the scope of work which includes the following:

A. Cage Area

1. On Day 1, the Bank anticipates the need for a dedicated, contiguous, and clear space to accommodate 10 racks (including server racks, network racks, and OEM racks) with total consumed load of 120kW for hosting the Bank's NDR Site IT Infrastructure within the server room area.
2. Additionally, the Bank foresees reserving space for 10 racks (including server racks, OEM racks, and network racks) with a total average consumed load of 120kW for a period of 3 years from the initial handover date, along with the Right of First Refusal thereafter.
3. When exercising reserved rack capacity, the colocation provider shall apply charges on a prorated basis, aligned with the effective commercial terms specified in the executed contract.
4. A secure cage for 20 racks is to be constructed on Day 1.
5. AI Workloads/ GPU Deployment - The proposed Data Centre facility should be capable of hosting the Bank's future AI and GPU workloads. Upon the Bank's request and with reasonable prior notice, the Bidder shall provision and implement new age cooling technologies within the facility/premises –including, without limitation, air cooled, direct contact liquid cooling and liquid immersion cooling—capable



supporting power densities of up to 40 kW per rack. The Bidder shall provide commercial based on air-cooled deployments, considering the high-density requirements. Commercials for liquid-cooled setups will be discussed and finalized on a case-by-case basis

Bidder to consider 5 racks for deployment of AI workloads/ GPU deployment within the building/ premises.

6. The allocated space must be in a rectangular or square shape. Any area occupied by pillars will not be considered usable space. Under no circumstances will the Bank bear additional costs incurred by the Bidder for repairs, upgrades, power provisioning, capacity enhancements, or any other modifications to the Data Centre facility provided for co-hosting the Bank's DC to support the Bank's equipment.
7. If the Bank does not utilize the reserved space, the Bidder shall modify the cage to ensure that entry and exit are not obstructed. This modification shall be carried out by the Bidder with utmost care, without disrupting the existing live Data Centre, and at no additional cost to the Bank.
8. Estimated Total Consumed Load of the setup to be 240 kW across 20 racks. By the way of illustration Average Consumed Load per rack is 12kW. However, this is just tentative number as the power loading per rack varies with the equipment's hosted in the rack. Additional power if required shall be made available by the Bidder. The bank will pay only for consumed power at actuals. The kW requirements is the total consumed load indicated, that is expected for the 20 racks envisaged to be put up in Co-hosting premises. Bidder to consider high density racks (15-18kW) as 20-30% and accommodate the setup accordingly in terms of both Power and Cooling required for the entire setup.
9. The Bidder shall not impose any restrictions on loading equipment into the racks. The factor considered for conversion from kVA to kW is (0.9).
10. The Bank requires a power meter or BCPM system capable of accurately measuring the power consumption of the Bank's equipment within the server-caged area. Power consumption charges will be based on the actual usage recorded by this meter and reported by the Bidder on a monthly basis. The Bank will pay for the consumed power at the unit rate specified in the commercials, applicable throughout the contract tenure. All payments for space, Power (as per actual usage) and other services will be made quarterly in arrears. The Bidder must ensure that the power meter's firmware and software are kept up to date.
11. The raw power supply should be sourced either from two separate power substations or from two independent power feeders, each connected to different power transformers, to ensure dual power sources for redundancy. Alternatively, a Line-in Line-out (LILLO) arrangement with a dedicated substation within the proposed campus can be adopted. Each source or leg must have raw power from distinct transformers as the primary supply and a DG set as the secondary backup. Redundancy should be maintained at every level—from transformers and DG sets to PDUs installed at the rack level. Both UPS systems and DG sets must be configured in redundant mode within each leg.
12. The proposed Data Centre facility should be powered through an on-premises dedicated GIS substation, connected to a 220 kV high-tension line, with a sanctioned power capacity of minimum 50 MVA.
13. Provide two independent power paths from the UPS to both the server room and the network communication area. The preferred UPS configuration is fully redundant (N+N) mode or at least N+1 distributed redundancy (3 makes to 2).
14. The server cage entrance must support triple authentication, incorporating a proximity card, biometric verification, and PIN-based access control. Exit should be



enabled via a proximity card reader. The server cage must have a dedicated entry point and a separate fire exit equipped with a push-bar mechanism and/or an emergency push button. Additionally, separate surveillance cameras should be installed at both the entrance and exit of the server cage.

15. Server room / Hall should have precision HVAC air conditioning, humidity/temperature control, and all such features of a minimum TIER III/RATED-3 Data Centre with the redundancy of minimum N+1.
16. Server room to have WLD, Rodent Repellent & Fire Suppression systems as per minimum TIER III/ Rated 3 Standards
17. The Bidder shall provide adequate power points in the Server cage area allocated to the Bank.
18. For the reservation space, Bidder to enable efficient power provisioning. Upon Bank confirming the usage of the reservation space, Bidder to deliver the power required within mutually agreed timelines.
19. Bidder to provision floor PDUs with isolation transformer K4/ K13 to feed the hosted racks of the Bank. If in case the Bidder uses a Bus bar trunking system between UPS to racks, the bidder to demonstrate harmonic mitigation. Harmonic calculation at tap off level to be shared by supporting documentation and should comply with IEC/UL standards. All the racks shall have dual earthing, and the cage shall be earthed at multiple points..
20. All the racks shall have dual earthing, and the cage shall be earthed at multiple points.
21. Each rack should be provided with a power input from two independent UPS sources (A+B) through independent power socket panels.
22. All electrical panels shall comply with the latest applicable standards, specifically IEC 61439 for low-voltage switchgear and control gear assemblies (Type Tested Assemblies - TTA)
23. All critical infrastructure like UPS, Batteries, PAC, WLD, CCTV, BMS equipment should be replaced before End of Life (EOL) as per manufacturer's recommendation.
24. Single-phase and three-phase power should be made available to support Bank's equipment in the caged area.
25. As a part of standard offering, Bidder shall provide one pair of 32 amps three phase circuits for all server racks and one pair of 32 amps three phase circuits for all network racks. Supply of both server and network racks are in the scope of the Bidder. For OEM racks, Bidder shall support the necessary socket rating as per the requirement, details will be shared with the successful Bidder at a later stage. Ensure consistent colour coding and labelling for Source 1 and Source 2 across all racks.
26. If the Bank requires additional power sockets in any of the racks at later stage, the same shall be provided by the Bidder without any additional charges to the Bank. Bidder to consider 30-40% of the total racks to have additional industrial power socket requirement in the future and Bidder shall provision the same as required by the Bank.
27. Additional power if required shall be made available by the Bidder at any point in time with 16 amps/ 32 amps/ 63 amps single phase/ three phase, industry standard sockets & plug top(if required) as per Bank's requirement. Any specific power socket requirements for OEM racks will be shared with the Bidder at later stages and Bidder to comply with the requirements.
28. The Bidder should have segregated data and power cabling.
29. The Bidder should provide dedicated trays/paths/routes overhead to lay data cables between racks such that power cables and data cables are not overlapped. Any



requirement for such provision during the contract period would have to be provided by the Bidder at no extra cost to the Bank. Any new rack space obtained during the contract period automatically covers the requirement of such trays for power/data cabling.

30. Galvanized Wire Mesh Cable basket trays to be fastened to the Unistrut. Provisioning of 2 Tier architecture with (450mm W x 150mm H) each overhead basket trays above the racks at the height of 300 mm from top of the rack with necessary bridges and waterfalls required as per the bank's requirement. Height between the cable trays to be of 200-300mm.
31. Bidder to comply Power efficiency and cooling to be able to maintain medium and high-density cabinets/racks ensuring the SLA parameters as described in this RFP.
32. Type 2 Surge Protection Device (SPD) should be installed at the UPS input & output, reports to be shared to the Bank as and when required,
33. SRG to be installed. Equipotential earthing to be installed, reports to be shared to the Bank as and when required.
34. Electrical panels must have adequate short-circuit protection to ensure that any fault in other customer racks does not affect the Bank's equipment or critical Data Centre infrastructure such as UPS, PAC, DX and PAHU supporting the Bank's operations.
35. Perform deep cleaning of the Cage Area every six months. Cleaning and sanitization of the Data Centre and Seating Space should be carried out at regular intervals, as mutually agreed
36. Cleaning In the Seating Space area to be done on dally basis by the Housekeeping staff.
37. Cleaning of Data Centre cage area to be carried out at an interval of every 7 days and as and when required by the Bank.
38. There shall be an alarm to warn when the access door to the cage area is open beyond set period as mutually agreed.
39. The Bidder shall permit the Bank to extend connectivity from network or telecom service providers' racks located in the Meet-Me Rooms via cross-connects (Copper CAT 6/6A and Fiber OM3/OM4). Any such cross-connect extension from the Meet-Me Room to the Bank's server cage area shall be performed by the Bidder at no additional cost throughout the contract period. All extensions will be routed through a patch panel rack in the Meet-Me Room.
40. Bank In future may Intend to host its communication racks (Network Racks) within the Cage Area where its major Network/ Telecom service providers terminate their links directly onto these racks. Bidder to confirm compliance to get the Network/ Telecom service providers' connectivity delivered directly into the Bank's cage area with no additional cost to the Bank during the entire contract period.
41. Within the Data Centre Cage area, the Bidder shall provide a minimum of two tiles (1200 mm) for the cold aisle, two tiles (1200 mm) for the hot aisle, and a 1200 mm periphery. The proposed layout of the space must be submitted for approval. If any additional space is required for AI/GPU workloads Bidder to accommodate the same.
42. Bidder to provide one dedicated Monitor trolley to mount minimum of 21" monitors within the cage area with no additional cost to the Bank.
43. The Bidder shall provide UL-certified metal racks from reputed OEMs such as Rittal/Netrack/Vertiv/ Schneider equipped with CE-certified Rack PDUs and horizontal and vertical cable managers for structured cabling. Each rack must include redundant power strips and proper earthing. Racks should be designed to accommodate an additional pair of RPDUs wherever specified in this RFP. The supply and Installation of racks and RPDUs will be the sole responsibility of the Bidder. Any



replacement of faulty rack components, including RPDUs, shall be carried out by the Bidder at no additional cost to the Bank throughout the contract period.

44. The Bidder shall provide access to the Bank's team, auditors, and regulatory officials authorized by the Bank to visit and inspect the NDR site during the contract period upon request. Access logs, trails, and CCTV footage of entries and exits must be made available to such personnel when requested. The Bank's team, auditors, or regulatory officials may also require access to verify the functioning and monitoring of CCTV systems, alarms, and BMS devices such as FSS, FAS, VESDA, WLD, UPS, DG sets etc., as well as server room parameters including temperature, humidity, and power failure alerts. Such access shall be facilitated by the Bidder
45. Warranty and AMC details of all Infrastructure needs to be shared with the Bank as and when required.
46. The Bidder shall perform all necessary tests, including load testing, relay coordination studies, loop impedance tests, ELCB functionality checks, and earthing measurements, prior to the commissioning of the new Data Centre and as required by the Bank during the contract period..
47. Bidder should provide one Intercom cabling between the server room to the seating area with Telephone instrument in the cage area meant for Bank's authorized personal use with no additional cost to the Bank.
48. Bank shall procure their own landline connection and Bidder to extend all the necessary support in terms of documentation (providing NOC etc.) and installation

B. Structured Cabling Requirement (Optional)

- i. The Bidder shall be asked to carry out internal structured cabling using Copper (CAT 6/CAT 6A) and Fiber (OM3/OM4) with adequate redundancy wherever applicable, within server racks, network racks, and the server area, and extend cabling to the telco room if required.
- ii. All the cables to be properly labelled, tagged and colour coded as per industry standards.
- iii. Bidder to carry out the internal cabling only through a certified vendor and to share the test report to Bank for acceptance.
- iv. Maintenance of the structured cabling will have to be carried out by the Bidder during the entire tenure of the contract with no additional cost to the Bank.
- v. Provide an enterprise-grade structured cabling system from Tier-1 global OEMs only, compliant with ANSI/TIA-568 and ISO/IEC 11801, UL/ETL verified, installed by OEM-authorized partners, and backed by a minimum 25-year end-to-end system warranty with local support
- vi. Networking Topology will be decided at later stage and communicated to the Successful Bidder by the Bank.
- vii. Bidder to supply, install and maintain the Fiber Pathway solution for the entire duration of the contract.

C. Physical Racks

- i. Rack should be designed to provide 100% assured compatibility with all equipment's conforming to DIN 41494 (General Industrial Standard for equipment's) or Equivalent EIA /ISO / EN Standard.
- ii. Every rack shall have a unique lock and key system. Each rack to have minimum set of 3 keys.
- iii. The Racks should be 45U X 800mm (Wide) X 1200mm (Deep) for Server racks and 45U X 800mm (Wide) X 1200mm (Deep) for Network racks.
- iv. Rack should support a static load of at least 1,500 kg on a total installed equipment weight.
- v. The Rack unit should have a perforated CONVEX front door & Double Rear Door with 83% Perforation Ratio which should be easily detachable/Reversible.



- vi. Blanking panels to be installed for the unoccupied space in all the racks. This needs to be periodically checked by the Bidder and ensure no gaps.
- vii. Racks provided by bidder should have dual authentication - Biometric + Access Card.
- viii. Bidder to provide the solution for managing the dual authentication (Biometric + Access Card) for all the racks (Supplied by Bidder + Supplied by Bank).
- ix. The proposed solution should be capable of managing the dual authentication for minimum 25 racks.
- x. The solution should be capable of converting the normal racks to dual authentication enable rack door and integrate with proposed solution and bidder to ensure the integration of such racks to proposed solution.
- xi. The maintenance of this dual authentication rack solution will be the responsibility of the bidders for entire contract period.
- xii. The solution should have the capability to bypass the dual authentication in case of any exigency.

D. Seating Space

1. Bank requires the seating space for 6 personnel immediately with comfortable Air conditioning & Lighting in a separate enclosed cabin exclusively kept reserved for the Bank.
2. Seating space provided should be away from the proposed Data Centre area but within security limits of Data Centre and in the same Data Centre facility building/tower.
3. The seating area should be designed with adequate space as per Industry standards and proper ergonomics which includes modular furniture with drawers, a pedestal, a keyboard tray for each table desk, a swivel chair, one cabinet per seat, power connections (4 per seat - 1 RAW Power & 3 UPS Power Point), network connections /cabling RJ45 (two per seat), and two telephone port(RJ11) per seat enabling Intercom within the facility with no additional cost to the Bank. Bidder to provide 6 Analog Telephone Instruments to the Bank with no additional cost to the Bank. Provision of Intercom cabling to the Bank will be complete responsibility of the Bidder.
4. Supporting infrastructure (Cable laying/ extension from Telecom Service Provider Mux Point up to Seating Space and cable laying from seating space up to cage are) will be carried out by Bidder with no additional cost.
5. A wall mount rack with lock and key to be provided by the Bidder in the seating area for termination of all the cabling requirements with no additional cost to the Bank.
6. The dimensions of the racks to be such that it will accommodate minimum 3 network switches, patch panels to terminate seating area desk network connectivity and the connectivity between server hall to seating area.
7. A wall mount rack to be provided with sufficient PDUs with UPS redundancy.
8. Provision for upto 2 wall mountable screens with sufficient UPS power with LAN ports, whiteboard, and 1 printer connectivity in the seating area. Bidder to provision a dedicated space to place 1 Printer/ Scanner within the Seating space providing suitable table, UPS power points and Data Points with no additional cost to the Bank. Seating area layout to include the Printer space marked separately.
9. Bidder to provision 4 pairs of OM3/OM4 Multimode Fiber Cable via available ducts to establish connectivity between the seating area wall mounted network rack to the proposed Server Hall with no additional cost to the Bank.
10. Bidder to provide console cable access from Server Hall Network racks to seating area.
11. Fire suppression system shall be installed in the seating area and Storage area.



12. Bidder shall provide bunker rooms or wellness rooms for male and female personnel at the facility with no additional cost to the Bank.
13. The Bidder should allow Bank personnel to carry their laptop & mobile equipment to the DC Cage area when required.
14. Bidder shall provide a trolley on a need basis with necessary support of housekeeping staff 24x7 to assist material movement of the Bank as and when needed with no additional cost to the Bank.
15. Bidder shall ensure the proposed seating space to have access to uninterrupted potable drinking water and hygienic restroom facilities
16. Bidder shall allow the Bank's personnel to use the common meeting room / conference room facility, near seating space, as and when required by Bank, with no additional cost to the Bank
17. Bidder shall allow the Bank's personnel posted in the proposed to Near Data Centre to use the common cafeteria/canteen facility
18. Bidder to provide the additional chairs in seating area as & when required by the Bank during the contract period with no additional cost to the Bank
19. End to End Data, Power and Telephone Cabling in the seating area as per the requirement specified in the seating space area will be carried out by the Bidder. Successful Bidder to share the layout of the Seating area including Storage room. Upon confirmation by the Bank on the layout, Bidder to execute.
20. All LAN cables (Copper and Fiber) needs to be factory crimped with make of Commscope or Panduit or equivalent and to ensure the maintenance of the same during entire contract period. Bidder should ensure presence of cable testing equipment (both copper and fiber) to troubleshoot faulty LAN cables. All Power Points, LAN cables & ports to be labelled as per the standard industry norms.
21. Permanent Storage Space :
 - a. Storage Area of 100 Sft mentioned is minimum requirement of the Bank. The area as per the layout (Min 100 sft) by the Bidder will be considered and to be tabulated in the Commercial format for TCO.
 - b. Storage space to be secured with access control and necessary Air conditioning and Fire Suppression system to be made available. Bank prefers to have the storage area adjacent to the seating space.
22. Bidder to provide dedicated temporary Storage area of approx. 300 sft with access control where in-bound/outbound hardware/equipment can be stored for a minimum of 3 months after the site handover with no additional cost to the Bank.
23. Commercials for Seating Space to be quoted per seat basis, considering 6 Seats.
24. Replacement of all damaged furniture will be done with Bidder on immediate basis upon Bank's information at no additional cost to the Bank throughout the Contract tenure.
25. The Bidder shall conduct pest control in the seating area every six months to ensure it remains free of pests.
26. Bidder to ensure that proper mobile signal coverage for major service provider such as Jio, Bharat Airtel, Vodafone, etc. is available at datacentre, Seating area, prominent points in the Datacenter building.

E. Telecom Room / Meet Me Room

1. The facility should be carrier-neutral and network-neutral, with multiple Telco rooms/MMRs to accommodate various network and telecom service providers. Ideally, these should be located on the Bank's proposed Data Centre floor within the facility building.



2. The Bidder shall support and permit the Bank's appointed Network/Telecom service providers to terminate the provided links without imposing any additional cost on the Bank.
3. Please note that the Bank plans to establish high-bandwidth links (60-120 Gbps on day 1 and expandable as per Bank requirement in future). Bidder to provide necessary support to ISPs and telecom service providers, including but not limited to space and power allocation, path clearance, and any other assistance within reasonable and acceptable timeframes.
4. Bidder to share the details of all the major Telecom service providers and ISP's present in the proposed facility.
5. The Bidder shall provide two dedicated 50 mm GI conduits (round pipes) or metal ducts along two diverse paths from the proposed cage area to the Meet-Me Room, preferably located on the same floor as the Bank's cage area. The distance from any rack within the Bank's cage area to the Meet-Me Room must not exceed 90 meters.
6. If the required Network or Telecom service providers are unavailable, the Bidder must arrange and coordinate their commissioning during the initial Data Centre setup at no additional cost to the Bank.
7. All telecom and service provider links will terminate in the designated Meet Me Rooms. The Bidder shall extend links from other network providers within these Meet Me Rooms. Any extension of such links from the Bidder's Telecom Room/Meet Me Room to the Bank's server cage area shall be carried out by the Bidder at no additional cost for cross-connects (both fiber and copper) throughout the entire contract tenure.
8. Bidder to ensure that Power, Air Conditioning, Fire Suppression, WLD, Rodent Repellent, and Access Control systems are operational in all Meet-Me Rooms and Telecom Rooms, in compliance with minimum TIER III / Rated 3 standards.

F. BMS (Building Management Systems)

1. The Bidder shall provide permanent access cards to the Bank's designated personnel at no additional cost.
2. The bidder should ensure that all the applicable devices managed by the bidder should be in sync with the common NTP server.
3. The Bidder shall implement a dedicated CCTV system covering the Bank's Data Centre (DC) cage area with no blind spot and ensure continuous (24x7x365) monitoring. The Bidder shall extend the live CCTV feed to the Bank's seating area to enable the Bank's team to view the feed.
4. The Bidder shall provide a separate CCTV surveillance system with a dedicated NVR, ensuring complete coverage of the entire seating area and storage space without any blind spots. Monitoring of the seating space area will be carried out by the Bank and bidder to make the provision of it by arranging required infra and Bidder shall have no access to the same Bidder will not monitor the office space area.
5. The Bidder shall ensure continuous monitoring of access to the Bank's server room/cage through the access control system, physical security measures, biometric authentication, and CCTV surveillance, and shall maintain the functionality of these systems on a 24x7 basis.
6. The bidder should ensure that the quality of CCTV image should be minimum of Full HD quality and image should be clearly visible.
7. The Bidder shall provide temporary access cards or gate passes to the Bank's personnel, as well as Bank-appointed system integrators, vendors, and partners, on an as-needed basis during site visits. The Bidder must ensure that such access is available 24x7 without any time restrictions and at no additional cost to the Bank.



8. EPMS for all Electrical and Mechanical Loads.
9. Critical alarms and alerts—such as temperature, humidity, UPS, electrical systems, VESDA, and WLD—are shared with the bank via SMS and email.
10. The NVR shall maintain a backup of at least 90 days. The Bank team will take additional backups as required. The Bidder shall be responsible for the warranty and AMC of the surveillance system in the seating area for the entire duration of the contract.
11. Bidder to have redundant BMS servers to mitigate the risk of data loss if any.
12. If required by the Bank, the Bidder shall provide details of individuals who accessed the Bank's server room or cage. This information should include entries recorded in the security register, reports from the access control system, CCTV footage, and other relevant records. The Bidder must submit month-wise access details to the Bank by the first week of the following month. Additionally, access logs and CCTV recordings for the Bank's cage area shall be handed over to the Bank on a monthly basis.
13. The Bidder shall ensure that all required facilities—including power supply, air conditioning, humidity and temperature control, HVAC, VESDA, HSSD, security systems, and other necessary infrastructure—are continuously available (24x7) in all designated areas, including the cage, seating space, storage room, telecom room, UPS and battery rooms, and electrical rooms.
14. The temperature in the server hall should be maintained at 23 +/- 1 degree C and shall be measured above the raised floor surface on top-front of the Rack. The humidity at the Data Centre should be maintained at 50 % +/- 5% RH and shall be measured above the raised floor surface on top-front of the rack.
15. Bidder to provision Temperature and Humidity sensors in each aisle on the Server Hall. Temperature and humidity sensors should be positioned at an interval of 4-5 racks, including the end-of-row racks.
16. Calibration of the Temperature and Humidity sensors will be conducted at least twice in a year by the Bidder and such reports will be submitted to the Bank as and when needed during the tenure of the Contract.
17. The proposed server room cabin area should be well covered in the fire detection and suppression (preferably inert gas based) system.
18. The Bidder shall provide a cross-zoned, multi-sensor fire detection system covering areas below, overhead, and within rack spaces, along with a high-quality gas-based suppression system such as FK-5-1-12, or an equivalent or superior solution. These systems must be dedicated to the server room caged area and any other spaces allocated to the Bank. While fire detection and suppression systems may be common across the facility, the Bank's designated areas must fall fully within their coverage. Additionally, the facility shall comply with National Fire Protection Association (NFPA) standards, version 2018 or higher.
19. The building and server room areas must be equipped with a water leak detection system and a fire alarm system. All facility areas proposed for the bank should fall within the coverage of the water leak detection system.
20. CCTV surveillance should be implemented to cover all rack rows, building entrances and exits, as well as other critical areas where the Bank's components are located. All activities must be continuously recorded, and the archival footage should be retained for a minimum of 90 days during the contract period. The Bidder shall provide these logs to the Bank on external hard disks or tapes at no additional cost.
21. If, during the contract period, the Bank's appointed auditor (including Information Security, ISO, Regulators, etc.) raises any observation regarding the positioning of



CCTV cameras, the Bidder shall provide additional CCTV cameras at no extra cost to the Bank.

22. The Data Centre should be equipped with electronic rodent and pest control systems capable of operating across varied frequency ranges, along with strategically placed sticky pads at key locations. Critical facility areas—such as the server room, server cages, and communication room—must fall within the effective coverage of these rodent and pest-repellent systems.
23. All BMS operations shall be centrally monitored and controlled from a dedicated BMS control room. The Bidder is required to ensure round-the-clock (24x7) management of all BMS activities.
24. The Bidder must monitor power consumption for each rack to ensure it remains within safe operating limits.
25. The Bidder must have well-defined processes and procedures for issuing gate passes and entry/exit passes for personnel, material movement, transportation, housekeeping, and other routine Data Centre operations.
26. The fire suppressant system and its delivery mechanism should be segregated floor-wise. Detection of fire on one floor should not activate gas discharge on all floors, unless specifically required. Each floor should have its own dedicated suppressant gas cylinders rather than sharing a common set across the building.
27. The bidder to provide the make/ model and specifications of all the devices installed to support the Bank's infrastructure as and when requested by the bank.

G. General

1. The proposed Data Centre site must comply with a minimum TIER III/Rated-3 standard, be carrier-neutral, and hold ISO certifications. The facility should be constructed using high-strength reinforced concrete, designed to withstand seismic activity (Zone 3 or higher), as well as extreme weather conditions such as heavy rain, drought, high winds, cyclones, storms, typhoons, and other natural disasters.
2. The Data Centre facility must be custom-built & not a retro fit structure and exclusively dedicated to Data Centre operations.
3. Schedule Fitout to be completed as defined in Clause 1 of Section C.
4. The proposed Data Centre site should be located in an area with minimal risk of natural disasters, such as tornado or hurricane-prone zones, flood-prone regions, areas susceptible to waterlogging, seismically active zones, or regions near volcanic activity. Additionally, the site must have robust infrastructure, including reliable road access, power supply, and telecommunications connectivity.
5. The Data Centre structure shall be designed to withstand external hazards such as earthquakes, flooding, and water seepage. External walls shall be constructed using brick or reinforced concrete of adequate thickness to resist forced entry. Ground-level windows shall be secured with robust mild steel grills or impact-resistant laminated security glass. All internal walls shall extend from floor to ceiling and be tamper-proof.
6. Access to the Data Centre premises—including the building, server rooms/halls, server cages, and network communication rooms—must be strictly controlled and continuously monitored in accordance with established Data Centre industry standards.
7. All equipment within the proposed Data Centre facility must be covered by a valid warranty or AMC from the respective OEMs or vendors. The Bidder shall be fully responsible for maintaining these warranties/AMCs and must provide relevant documentation and reports to the Bank as and when required.



8. Critical services such as power supply, UPS, and DG sets should be managed by the Bidder's own dedicated staff, while maintenance services may be outsourced to third-party vendors or the OEM.
9. The Bidder shall provide a power meter or dedicated measuring equipment (such as BCPM) to accurately measure the Bank's power consumption. The Bank will make payments strictly based on the actual power consumed.
10. The installed power meter or BCPM must continuously measure the Bank's power usage. The Bidder is responsible for ensuring that the firmware and software of the power meter/BCPM remain updated at all times.
11. The building must have 24x7 security at all entry and exit points, supported by robust access control mechanisms. The Bidder should preferably deploy security guards at the facility entrance round-the-clock and provide equipment such as baggage scanners, metal detectors, and boom barriers to prevent unauthorized access and mitigate risks like piggybacking.
12. Security personnel must be stationed on the Bank's Data Centre floor. A dedicated log register specific to the Bank should be maintained. Entry and exit to the server hall area must include mandatory frisking procedures.
13. A minimum of three layers of physical security should be implemented—at the main gate, at the building entrance, and at the server hall.
14. The doors for the server room, communications room, and other critical areas should be of minimum 2 hours fire rated.
15. Any penalty charges imposed by government authorities must not be billed to the Bank.
16. The facility shall be fully automated to ensure power supply from transformers as the primary source, with an automatic switchover to the DG set as the secondary source. Redundancy for transformers and diesel generators must comply with minimum TIER III / Rated 3 standards.
17. The Data Centre must be located away from hazardous chemicals and combustible materials.
18. The false flooring in the server hall must be fire-resistant, and the tiles should be constructed from calcium silicate or a combination of steel and cementitious materials.
19. The proposal submitted by the Bidder shall remain valid for a period of 180 days from the date of submission, including the layouts for the Cage Area and Office Space proposed to the Bank.
20. The DC construct must incorporate safeguards to mitigate electromagnetic and radiofrequency (RF) radiation.
21. Environmental audit, Power Quality Audit, Energy Audit should be done once a year and reports to be made available to the Bank.
22. Sharing of all reports, documents etc as and when required by the Bank to be complied by the Bidder and at no additional cost to the Bank.
23. The Bidder shall ensure comprehensive BGV for all outsourced and subcontracted personnel. A sample report needs to be submitted in the RFP response. Verification reports must be provided to the Bank upon request. The Bidder assumes full responsibility for the conduct and compliance of all outsourced and subcontracted staff.
24. The Bidder shall ensure that Police Verification is conducted for all Physical Security personnel and submit the verification reports to the Bank as and when required. Deployment of Physical Security staff will only take place after successful Police Verification and completion of all necessary background checks.



25. The Agency appointed by the Bidder for providing Physical Security services to be PSARA certified. Bidder to share the PSARA certificate along with bid submission.
26. Mantrap shall be provisioned by the Bidder at the proposed Data Centre facility with biometric authentication to avoid tail gating and its access reports to be provided to the Bank as and when requested by the Bank.
27. The Bidder shall ensure that all equipment supporting the Bank's Data Centre operations is properly maintained and covered under the required warranty and AMC, at no additional cost to the Bank. The Bidder shall also provide any reports or evidence requested by the Bank during the contract period.
28. The building or property shall be comprehensively insured against all types of disasters.
29. The air quality at the co-hosting site must comply with severity level G1 (mild) as defined in ISA-71.04. The Bidder shall provide an Air Quality Report along with an undertaking on their official letterhead, explicitly confirming that the air quality at the Data Centre co-hosting site meets severity level G1 (mild) in accordance with ISA-71.04.
30. The Bidder shall arrange mock drills as and when required or requested by the Bank, at regular intervals, in accordance with industry-standard practices. These drills shall include functionality testing of the Fire Alarm System. The Bidder must conduct mock drill testing of the detectors without releasing the fire suppression gas. In the event of gas release, the Bidder shall be responsible for refilling the same.
31. The Bank, along with its consultants (if required), will conduct an inspection to verify the readiness for implementing the IT Infrastructure. Based on the outcome of the visit, the Bank will advise the Bidder regarding the shifting of equipment. The Bidder must facilitate access for the Bank's authorities, auditors, and consultants whenever requested by the Bank, without any additional cost to the Bank.
32. The building shall be located at a sufficient distance from any equipment that generates interference, to prevent or minimize Radio Frequency Interference (RFI) and Electromagnetic Interference (EMI). Additionally, the facility shall be adequately shielded against all forms of RF and EMI radiation. Lightning protection shall be provided in accordance with the relevant approved codes of practice.
33. The Bidder's substation must be located at least 10 feet away from the proposed Data Centre building. Additionally, the proposed Data Centre building or tower should not contain any GI substation.
34. The building/ property should not be in the flight path.
35. The building shall not be in sites near major sources of vibration such as railway stations, airports, mines, etc. which can generate continued or intermittent vibrations.
36. The building shall preferably be isolated from the neighbouring buildings and structures to minimize the risk of susceptibility to activities not associated with the Data Centre operations.
37. Bidder to ensure sufficient and proper Lighting at all areas in the Proposed Data Centre facility including Bank's Server Hall, seating space, storage area and other common areas. Lighting at Data Centre's Entry & Exit (Perimeter) should be such that to have clear visibility of at least 50 meters.
38. Monthly reports to be submitted by Bidder which includes (Indicative but not Exhaustive) Health Reports, Power Utilization, Access Control logs, Fire Drill (If conducted in that month), Data Centre Uptime, Incident Reports etc. Reporting structure and any additional reports required will be communicated by the Bank to the successful BIDDER.



39. Bidder to submit Integration Test (IST), & Site Acceptance Test Reports to the Bank at the time of handover of the site before acceptance
40. Bidder to conduct CFD analysis for the Bank's proposed Data Centre area post rack layout finalization and submit the reports to Bank.
41. UPS Room and Battery room should be separate with installation of Hydrogen sensors in the battery room if applicable.
42. Bidder to provision 2 feet x 2 feet space on the rooftop with UPS power and extend necessary connectivity to the bank Cage / Seating area for the Bank to install an antenna if required at no additional cost.
43. Proposed Data Centre facility to have dry Pantry/ Cafeteria with Coffee/Tea Vending Machines to be accessible to Bank's Staff, Vendors, Partners 24x7x365 days at no additional cost to the Bank
44. Bidder shall also provide restroom/washroom facilities for both Male & Female personnel at the facility.
45. Bidder has to arrange access permission, enrol biometrics and issue access cards to Bank staff or Bank appointed vendor's / system integrator within 2 hrs of intimation by the Bank
46. Bidder has to move equipment from store to DC within 4 hours of Bank's intimation during the entire period of contract at no additional cost to the Bank.
47. The Bidder shall provide contacts and an escalation matrix to log the complaints/problems faced in the facility provided to the Bank.
48. Data Centre should be free from any dust and Bidder should ensure to provide shoe covers or other related component on its own cost to avoid dust going inside the server room /Caged area.
49. Bidder to allow all authorized vendors of the Bank post seeking necessary approvals to carry out their activities, installations etc. 24 x 7.
50. Bidder to allow affixing of Banners/Stickers (Bank Logo, Banners, Rack Diagram, Do's & Don'ts etc.) of different dimensions in Workstation area or Data Centre area as and when requested by Bank.
51. Bidder shall provide all necessary assistance to the Bank /Bank appointed System Integrator or Vendor while moving the Bank equipment into the site. For example, entry permission for vehicles carrying equipment, parking of such vehicles closer to the lift/ramp till the time the equipment is being offloaded/ use of lift/service lift, assisting procedures documentation, providing trolley, housekeeping services 24x7, & other material movement equipment to carry heavy equipment to/from the allocated cage/room, etc. 24x7. The Bank shall not incur any extra cost for availing of these said services.
52. The Bank may in the future, require additional space at the proposed Data Centre site. If Bank seeks additional space for expansion; the same shall be provided to the Bank within the same floor or building subject to feasibility and availability.
53. The Bidder shall provide discussion / meeting room facility as and when required. The meeting room to be equipped with projector and white board facility.
54. Visitorial Rights: The Service provider should provide Visitorial rights for Bank auditors, external auditors engaged by Bank, RBI audit/inspection officials, ISO auditors etc. Bank cannot provide any minimum time frame to inform the vendor. The vendor will undertake compliance of audit observations as applicable. Bank may conduct surprise visits after roll out.
55. Bidder shall not charge the Bank for any audits conducted during the entire term of the Contract.



56. The Bidder shall conduct site survey to commission the solution without any extra cost to the bank (if required). Bidder shall mitigate various audit points, Compliance points at no cost to the Bank within one week as and when any advisory released/suggested by competent authority/organization/Bank at any point of time during the validity of the contract period (as applicable).
57. The Data Centre building should have impact resistant fence wall with intrusion detection & road blocking device
58. Bidder agrees that the rate for expansion shall not exceed the current rates agreed in the price schedule.
59. The Bidder should have a facility for the secured staging area with uninterrupted Power & Cooling in the proposed facility for unpacking, Power ON and equipment installation at no additional cost to the Bank. Staging area shouldn't have same power source as that of production racks setup.
60. Bidder should have housekeeping staff 24x7 to maintain the cleanliness & ambiance of the facility including the Bank cage area and seating space.
61. Selected Bidder should provide Capacity Management assessment report as and when required by the Bank.
62. Sufficient space for movement of material in the proposed facility to be available for hassle free movement
63. Bidder shall carry out regular emergency drills such as safe shut-down, fire drills, evacuation drills, medical emergency drills etc. and involve Bank staff in the same
64. Thermography test in all applicable area like server area, Electrical panel room, UPS room, battery room, DG room etc. to be executed at least once in a year and reports to be made available to the Bank on need basis
65. Any HIGH and CRITICAL thermography should be intimated to the Bank and fixed on immediate basis within 2 days.
66. Observations or any recommendations from OEM's time to time will have to be implemented by the Bidder and such reports shall be shared with the Bank.
67. Equipment Health Check, HVAC environment details like Temperature, Humidity & Uptime reports as per Bank's requirement
68. All the areas in the Data Centre should be pressurized as per standards.
69. The CO2 levels & corrosion levels should also be controlled. For that, necessary pressurization & treated fresh air system should be installed. The system should be N+1 to maintain resiliency.
70. The smoke exhaust & gas extraction system with required duct & dampers should be installed in all the areas of the Bank.
71. The pressurization, treated fresh air & exhaust system duct should be heavy duty factory fabricated, insulated - thermal & acoustic as required & fire retardant. The lift wells, staircases & emergency staircases should be pressurized as per CFO / NBC norms.
72. All the status, parameter, alarms, alerts from the TFA - fresh air system, Pressurization System, Exhaust System, Damper etc. should be continuously monitored by Bidder and to extent the data as and when requested by the Bank.
73. Bidder shall have color coded tags (with ID cards) distinguished between employees, clients, visitors, vendors, sub-contractors etc. to be displayed at all times when in the Data Centre premises.
74. Material loading and unloading bay preferably to be all weather-proof.



75. All professional services necessary to successfully implement the proposed solution will be part of the RFP. These services include, but are not limited to, Civil structure development, Project Management, MEP procurement, Deployment methodologies etc. The Bidder should submit as part of technical Bid an overview of Project Management approach as per annexures to substantiate the timely delivery of the proposed solution. Bidder should ensure that Bidder's key personnel with relevant skill are always available to the Bank. Bidder should ensure the correctness of methodologies for delivering the services and its adherence to quality standard.
76. Certificates and reports included but not limited to as specified below should be available readily and submitted to the Bank as and when the same is obtained/renewed. These certificates and reports should also be shown and submitted periodically or as and when requested by Bank:
- a. MIDC Allotment letter/Land Transfer deed/Land ownership deed/Other Ownership documents.
 - b. Occupancy certificate and building completion certificate (if Facility under construction, Construction commencement certificate and sanctioned plan to be submitted)
 - c. Environmental clearance certificate
 - d. Pollution Control Board Certificate for DG sets. (at least once every year)
 - e. Power Sanction certificate from MSEDCL/MSETCL/Tata Power/Adani Power
 - f. Power Tariff bills for the entire facility
 - g. Detailed report on all minor and major issues on critical infrastructure in past 365 days
 - h. Any notices related to the Real estate, infrastructure or its operations received from municipal authorities or governing bodies.
 - i. Capacity Management assessment report
 - j. Copy of License from Explosive Department to store the diesel.
 - k. Lift Licenses (As applicable)
 - l. Consent to Operate
 - m. Hazardous Waste Authorization
 - n. E-Waste Authorization
 - o. Access log for Seating Area, Server Hall and Cage Area hosting Bank's equipment and servers shall be preferably shared on monthly basis or as and when required by Bank.
 - p. All Preventive maintenance report of infra gadgets like UPS and it's batteries, BMS Systems, WLD, Rodent Repellent, Temperature sensors, PAC unit's/Comfort AC, Fire extinguisher, Fire Suppression System report, Fire Drill report, Fire Hydrant Report, Rodent Repellent, Temperature Sensors, Smoke Detector Report, Air Quality testing for Server Farm and Communication Farm and all other health reports as per Bank's requirement.
 - q. Equipment Health Check, HVAC environment details like Temperature, Humidity & Uptime reports as per Bank's requirement.
 - r. Calibration certificates of all meters & measuring instruments
 - s. Copy of Tier -III / Rated 3 Certification
 - t. Copy of ISO an other Compliance Certificates



H. Project Delivery & Execution:

1. The details of the Service Delivery Manager (SDM) must be communicated in writing to the Bank within one week of Purchase Order acceptance. The SDM shall be assigned for the entire implementation and migration periods and should preferably hold PMP certification.
2. SDM must be based in Mumbai/ Navi Mumbai location.
3. The SDM should have the following minimum profile:
 - a. Minimum 5 years of Data Centre management experience.
 - b. ITIL aware and having knowledge of Service Delivery processes.
 - c. Minimum 8 years of Project Management experience.
4. The responsibilities of SDM as a part of support are as follows (indicative but not exhaustive):
 - a. Single Point of Contact (SPOC) for the entire project.
 - b. Responsible for the entire execution and management of the project after receipt of the Purchase Order.
 - c. Call flow management & Quality Service Delivery.
 - d. On-site Team management.
 - e. Overall monitoring and management of network gateway security and related services.
 - f. SLA management and reporting.
 - g. Submission of periodical reviews and reports required by the Bank.
 - h. Crisis management and Emergency response procedures.
 - i. Preparation and submission of detailed Project documentation to the Bank and progress of initiatives taken by the Bank.
 - j. SPOC is to be available at Bank premises during Bank Office Hours whenever required, the hours may be extended on exigencies.
5. The Bidder shall submit to Bank, the name and contact details, including address, telephone number, mobile number, and FAX number/email address of the nominated SDM.
6. It is mandatory for the concerned SDM to have a structured meeting with Bank once a week, preferably on Tuesday, during the implementation period from the date of acceptance of the Purchase Order. Weekly meetings should be held till the project is entirely rolled out.
7. In short, Service Delivery Manager shall carry out and coordinate the various tasks involved in Project scheduling, tracking, monitoring, identifying risks, and liaison with all stakeholders (Consultant, OEM, System Integrator, vendors, back-end teams, Bank, Hardware vendors, etc.) and reporting to Bank on the overall progress of the project, etc. No charges will be payable by Bank to the Service-Delivery Manager.
8. Bidder should ensure to complete the delivery, installation, configuration, Testing, Implementation, and commissioning of the proposed Data Centre and also to complete all the works specified in the Scope of Work as per Bank requirement and deliver & implement all the features of the proposed Solution and made the project live in all aspects to the Bank as specified in Clause 'Project Time lines' of this RFP.
9. The Installation will be deemed as incomplete if any component of the define Scope of Work is not delivered or is delivered but not installed and / or not operational or not acceptable to the Bank after acceptance testing/ examination. In such an event, the supply and installation will be termed as incomplete, and system(s) will not be



accepted. The installation will be accepted only after complete commissioning of the proposed Data Centre.

We here by comply with the Scope of Work mentioned above as per Annexure - 8 of this RFP.

Date:
Place :

Signature with seal:
Name:
Designation :



Annexure-9

Amended Technical Requirements

(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank

Ref: GEM/2026/B/7061408 dated 01/01/2026

Note:	
(a)	The requirements of proposed Colocation services for New Near Disaster Recovery Data Center are detailed below. These requirements are only indicative but not exhaustive.
(b)	If the bidder feels that certain features offered are superior to what has been specified by the Bank, it shall be highlighted separately. Information regarding any modification required in the proposed solution to meet the intent of the specifications and state-of-the-art technology shall be provided. However, the Bank reserves the right to adopt the modifications /superior features suggested/ offered.
(c)	The bidder shall provide all other required equipment's and/or services, whether or not explicitly mentioned in this GeM bid, to ensure the intent of specification, completeness, operability, maintainability and upgradability.
(d)	The bidder shall own the responsibility to demonstrate that the services offered are as per the requirement/performance stipulated in this GeM bid and as committed by the bidder either at site or in bidder's work site without any extra cost to the Bank.

The bidder should provide their response to the Technical Requirements by giving the compliance level as explained below. If more explanation of a point is needed, documents can be attached to Compliance Column of the respective requirement.

Section A:

Sl. No	Technical requirement	Complied/ Not Complied	Bidder's Compliance with Supporting Documents
1.	Schedule Fitout to be completed as per timelines mentioned in 'Project Timelines' of point 1 of Section C.		Bidder to share Project Timeline chart
2.	BIDDER should provide contiguous clear space to accommodate the Bank's -20 number of racks with minimum, 2 tiles (1200mm) for the cold aisle, 2 tiles (1200mm) for the hot aisle and 1200mm periphery. The layout of the proposed space is to be provided.		Bidder to share the proposed Rack Layout
3.	BIDDER to accommodate the racks with dimensions as mentioned in the "Schedule of Requirements".		Confirmation by the Bidder



4.	Galvanized Stainless Steel Wire Mesh Cable basket trays to be fastened to the Unistrut. Provisioning of 2 Tier architecture with (450mm W x 150mm H) each overhead basket trays above the racks at the height of 300 mm from top of the rack with necessary bridges and waterfalls required as per the bank's requirement. Height between the cable trays to be minimum of 200-300mm		Bidder to share cable tray layout
6.	Position of CCTV within the cage should be such that all aisles including front and back side of all the Racks are being covered and no blind spots. Separate CCTV to be provisioned to cover Entrance and Exit of the Bank's Cage area and Office Space		Bidder to highlight the position of the CCTV cameras in the Rack Layout
7.	Minimum 99.99% Uptime is required for the DC Critical and Environmental Infrastructure on monthly basis.		Confirmation by the Bidder
8.	BIDDER shall provide dedicated Permanent Storage space minimum 100 Sft within the Data Centre premises. Final area as per the layout to be considered by Bidder in the Commercial Bid.		Bidder to provide Storage Area Layout
9.	Bidder to provide 2 No's, 16 amps ATS/ STS with 16 No. IEC C-13 Sockets per STS		Confirmation by the Bidder
10.	There should not be any other business activities of the Bidder organization other than those directly related to the Data Centre Operations/activities on the same building.		Confirmation by the Bidder
11.	The Data Centre should have electronic rodent & pest control systems with operability on the varied frequency range.		Confirmation by the Bidder with necessary data points



12.	Permanent and Temporary Gate passes to enter Bidder's premises for Bank's Authorized Personnel including OEM vendors, Partners, Auditors etc. should be provided with no additional cost to the Bank 24x7.		Confirmation by the Bidder
13.	Audit reports of people accessing the facility should be available as and when required by Bank.		Confirmation by the BIDDER
14.	Bidder should have online portal which can be accessed by the Bank any time to check Access logs, Trouble tickets, SLA monitoring, Gate Pass etc.		Confirmation by the Bidder. Share the Screenshot of the portal covering the parameters described
15.	Washroom/Restroom facilities for both Male and Female personnel should be available. Bunker rooms/wellness rooms to be available in the facility with no cost to the Bank.		Floor layout to be provided by Bidder
16.	Bidder must conduct proper Background Verification (BGV) for all the Outsourced/ Subcontract staff, and such reports needs to be shared with the Bank as and when required. Complete responsibility of the outsourced/ Subcontract staff lies with the Bidder		Bidder to provide sample undertaking/Proof/Supporting Documents etc
17.	Bidder to provide information on all the Sub-Contracting activities at the Proposed facility to the Bank and list out the Subcontractors		Bidder to provide sample undertaking/Proof/Supporting Documents etc
18.	Bidder to conduct Police Verification for all the Physical Security staff and share the reports to Bank as and when required. Deployment of the Physical Security staff shall be post clearance from Police Verification and necessary Background Verification only.		Bidder to provide undertaking/Proof/necessary Documents etc



19.	<p>Bidder shall allow Internal, External auditors appointed by Bank, RBI audit/inspection officials, ISO auditors etc. to audit the infrastructure and systems at the Data centre 24x7 as per Bank/RBI guidelines.</p> <p>Bank cannot provide any minimum time frame to inform the Bidder. Bidder will undertake compliance of audit observations as applicable. Bank may conduct surprise visits after roll out.</p> <p>During the Audit, any information/reports sought by the Auditor to be provided in the agreed timeframe.</p>		Confirmation by the Bidder
20.	<p>Initial Setup Period - Bidder to provide dedicated temporary Storage area as per Bank's requirement with access control where in-bound/outbound hardware/equipment can be stored for a minimum of 3 months post site handover with no additional cost to the Bank.</p>		Confirmation by the Bidder. To share the location details within the proposed facility for temporary storage.
21.	<p>Post go-live of the site, Bidder to provide a secured space in the shared Storage area on temporary basis to the Bank to store their equipment as and when required for upto 3 months with no additional cost to the Bank during the entire tenure of the contract.</p>		Confirmation by the Bidder. To share the location details within the proposed facility for storage.
22.	<p>Bidder to publish Annual Maintenance Calendar (PPM Calendar)</p>		
23.	<p>Bidder to submit Incident management policy</p>		Bidder to provide undertaking/Proof/Supporting Documents etc
24.	<p>BCP Procedure Document to be made available to the Bank by the successful Bidder</p>		Bidder to provide undertaking/Proof/Supporting Documents etc
25.	<p>Does your firm have an existing ESG policy in place? If Yes, please provide a copy of the policy, If there is no current policy, please describe your plan or explain the Rationale.</p>		Bidder to provide copy of ESG policy



26.	Please indicate the methods of firm internal oversight and reporting of ESG incorporation across the organization. Does your firm employ any ESG professionals?	Bidder to provide undertaking/Proof/Supporting Documents etc
27.	Please explain how your firm adopted or in process of adopting the ESG practices for the strategy(ies) that is/are the subject of this RFP, as well as at the firm level.	Bidder to provide undertaking/Proof/Supporting Documents etc
28.	Has your firm or product(s) undergone any type of ESG audit? If so, please indicate who conducted it, when it was last conducted, the scope of the audit, and the frequency it is intended to repeat.	Bidder to provide undertaking/Proof/Supporting Documents etc
29.	Please describe changes to your firm's/team's ESG incorporation process & what ESG data, research, third-party consultants, resources, tools and practices your firm /team uses which will affect this RFP	Bidder to provide undertaking/Proof/Supporting Documents etc
30.	Does the firm/team negatively screened on any factors or areas of the market on its products/offering? Please provide examples of where and how ESG risks and opportunities were incorporated into the firm's/team's product related decisions over the past 12 months	Bidder to provide undertaking/Proof/Supporting Documents etc
31.	Does the firm assess and monitor its products portfolio to climate risk and carbon footprint of the product segments? If yes, please explain the assessment process. If not, are there any such plans in the near future? Please elaborate.	Bidder to provide undertaking/Proof/Supporting Documents etc
32.	Air Quality in Co-hosting site should be of severity level G1 (mild) as per ISA-71.04. <u>If the Proposed facility is new, then Bidder to provide self-declaration of submitting the Air Quality report within 6-9 months from the date of the acceptance of the PO and, Bidder to provide Air Quality report of any other facility preferably within Navi Mumbai or anywhere in India.</u>	Air Quality in Co-hosting site should be of severity level G1 (mild) as per ISA-71.04. <u>If the Proposed facility is new, then Bidder to provide self-declaration of submitting the Air Quality report within 6-9 months from the date of the acceptance of the PO</u>



			<u>and, Bidder to provide Air Quality report of any other facility preferably within Navi Mumbai or anywhere in India.</u>
33.	<p>The proposed Data Centre for Bank's Near Disaster Recovery Data Centre should be at least Tier-3/Rated 3 certified and should be situated within the limits of Navi Mumbai Municipality Corporation.</p> <p>If the Proposed facility is new, then Bidder to provide self-declaration of submitting the certification within 6-9 months from the date of the acceptance of the PO and, Bidder to provide TIER/ Rated 3 or TIER/ Rated 4 certificates of any of them other facility preferably within Navi Mumbai or anywhere in India.</p> <p>Failing of such submission, Bank will have right to terminate the contract and invoke the Performance Bank Guarantee(s) submitted by the selected bidder. Over and above the invocation of Performance Bank Guarantee(s), 10% of the TCO will be levied as liquidated damages.</p>		Bidder to provide the complete address of the proposed site
34.	Bidder to confirm the ownership of the building Owned/Leased		Bidder to share supporting documents Lease Agreement / Ownership Deed
35.	<u>Proposed facility to be Custom Built for the purpose of Data Centre.</u>		



42.	Power Utilization Efficiency not to exceed 1.65		Bidder to provide current facility PUE report of the proposed Data Centre facility. If proposed facility is new, Bidder to share PUE report of the operational Data Centre in Navl Mumbai/ Mumbai for last 1 year
43.	Proposed facility to have raised floor height of minimum 750mm & clear height of minimum 3000mm (If Cold Aisle Containment is proposed)		Bidder to submit Structural Drawings
44.	The Data Centre should have a load-bearing capacity of a minimum 1500 Kg/ Sq. mtr. Bidder to submit Design Basic Report(DBR)		Bidder to submit DBR
45.	Freight Lift - The Data Centre should have redundant high-capacity freight lift (minimum 2.5 tons) for ease of movement of Servers and High-density Hardware devices without any tilting. Minimum dimension of the lift should be minimum of 1500mm W x 3000mm D x 2300mm H. Movement of racks in and out of caged area or in and out of the main Data Centre building exit/entry point should be facilitated by Bidder as a part of the contract by providing lift and manual assistance.		Lift Operator Installation Certificate
46.	Passenger lifts/ elevators to be separate then of freight lift. Bidder to confirm on redundant passenger Lifts		Lift Operator Installation Certificate
47.	<u>Bidder to provide safe and secure vehicle parking (2 nos. of 2-Wheeler & 2 nos. of 4-Wheeler) within the proposed facility or in the close proximity for the Bank staff/vendors/visitors etc. at no additional cost to the Bank as and when required.</u>		Confirmation by the Bidder with layout
48.	Bidder to furnish Water Proofing details carried out in the facility to control water seepage/leakage		Bidder to furnish Water proofing certificate from the Vendor



49.	Availability of power to the Data Centre to be 100%		Confirmation by the Bidder
50.	Diesel/Fuel Tanks (for generators) - The Data Centre should have high- capacity diesel tanks for ensuring 48-hour power backup with full load and contracts for fuel supply on demand within 4 hours.		Bidder to provide undertaking/Proof/Supporting Documents etc
51.	Redundant Diesel Generators with N+1 redundancy to be made available. Generator Starters and Batteries to be redundant.		Bidder to submit Electrical SLD
52.	Fuel Pumps to be provisioned with minimum redundancy of N+1		Bidder to provide necessary documentary evidence
53.	Day tanks supporting the Generators should be of minimum 900 Litres each		Bidder to provide necessary documentary evidence
54.	Fuel Pipework Distribution System to have dual path		Bidder to provide necessary documentary evidence
55.	Facility to have fuel polishing machine installed on site. Bidder to confirm the frequency of fuel polishing.		Confirmation by the Bidder
56.	Bidder to have valid license from Explosive Department to store the diesel at the proposed facility		Copy of License from Explosive Department to store the diesel
57.	Power supplies with ATS to all mechanical equipment (chillers / DX, pumps, CRAC's, etc.)		Confirmation by the Bidder, Bidder to submit Electrical SLD
58.	Redundant floor PDUs (N + N) to be provisioned catering the Bank's Power requirement considering the maximum loading of 80% and with 20% spare circuits. <u>If in case the Bidder uses a Bus bar trunking system between UPS to racks, the bidder to demonstrate harmonic mitigation. Harmonic calculation at tap off level to be shared by supporting documentation and should comply with IEC/UL standards.</u>		Confirmation by the Bidder, Bidder to share the PDU ratings and Qty proposed for this setup.
	Utility feeds to the Data Centre facility preferably to be available from two independent power suppliers & should have		Bidder to submit Electrical SLD



59.	redundancy at Substation & RMU & Transformer level		
60.	A complete automated system to be available in the HT & LT area.		Confirmation by the Bidder. Bidder to submit Electrical SLD
61.	Two separate power paths from the UPS are to be provided to the Telecom Room/Meet Me Room		Confirmation by the Bidder with supporting documents
62.	<u>Preferred UPS configuration in redundant mode N+N or atleast N+1 distributed redundancy (3 makes 2)</u>		Confirmation by the Bidder, Bidder to submit Electrical SLD
63.	Bidder to have separate UPS systems and associated Batteries for IT and Non-IT Load		Confirmation by the Bidder. Bidder to submit supporting documents
64.	Bidder to provision minimum 2 UPS Battery Strings supporting the IT Load		Confirmation by the Bidder. Bidder to submit supporting documents
65.	UPS Batteries to support 7-8 Minutes on Full load on each N side		Confirmation by the Bidder with necessary documents
66.	Bidder shall provide the electrical cabling required for the racks to be hosted in the data centre at no additional cost		Confirmation by the Bidder with necessary documents
67.	16 amps/ 32 Amps/ 63 Amps Single Phase and Three Phase power sockets will be made available by BIDDER as per the Bank requirement at no additional cost		Confirmation by the Bidder with necessary documents
68.	Electrical Power Monitoring Systems (EPMS) for all Electrical and Mechanical Loads		BMS Schematic
69.	The entire solution should be automatic with power supply from the 2 transformers as the primary source and automatic switchover to DG set as a secondary source.		Confirmation by the Bidder with necessary documents
70.	<u>Type 2</u> Surge Protection Device should be installed at the UPS Input & output, reports to be shared to the Bank as and when required		Bidder to share Surge Protection report



71.	Signal reference grid SRG to be installed. Equipotential earthing to be installed, reports to be shared to the Bank as and when required.		Bidder to share earthing report
72.	Cold/Hot aisle containment to be provisioned with blanking panels wherever necessary. Retractable doors to be considered in the cold/hot aisle containment at no additional cost to the Bank.		Confirmation by the Bidder, Bidder to share Cold/Hot Aisle containment as a part of Rack Layout
73.	Cooling System : Bidder to confirm Chiller system(Air Cooled/ Water Cooled) or DX based PAC systems availability with redundancy of minimum N+1		Bidder to submit documentary evidences
74.	Chiller Pipe Distribution to be redundant with N+1		Bidder to submit documentary evidences
75.	The design for cooling Infrastructure at the Data Centre should be in lines with latest ASHRAE guidelines to support high density cooling Needs		Confirmation by the Bidder
76.	Server hall/ Cage area to have redundant CRAC/PAC/DX units minimum N+1 to facilitate High density cooling needs of the Bank		Bidder to submit documentary evidences
77.	Thermal Storage to support cooling requirement during emergency up to 5 minutes		Confirmation by the Bidder with necessary documents
78.	Proposed facility to have Treated Fresh Air system as per ASHRAE standards (1.6 CFM / sq. m)		Confirmation by the Bidder with necessary documents
79.	The temperature in the server hall should be maintained at <u>23 +/- 1deg C</u> and shall be measured above the raised floor surface on <u>top-front</u> of the Rack		Confirmation by the Bidder with necessary documents
80.	The humidity at the Data Centre should be maintained at 50 % +/- 5% RHs and shall be measured above the raised floor surface on <u>top-front</u> of the Rack		Confirmation by the Bidder with necessary documents
81.	A fully automatic System which measure and generate necessary reports for Temperature and Humidity measurement of Server Hall/Cage Area should be in place.		Confirmation by the Bidder with necessary documents



82.	Proposed Data Centre facility by the Bidder should have a water leakage system installed to detect any water leakage.	Confirmation by the Bidder with necessary documents
83.	Sufficient Portable Fire extinguishers should be placed at all necessary areas of the Proposed Data Centre.	Confirmation by the Bidder with necessary documents
84.	Gas Refuelling & Preventive Maintenance of Fire Extinguishers to be carried out at regular intervals as per standards and reports to be made available to the Bank on need basis.	Confirmation by the Bidder with necessary documents
85.	The server halls should have advanced fire detection & gas suppression system through systems like VESDA with FK-5-1-12 or latest technology respectively	Confirmation by the Bidder with necessary documents
86.	Data Centre-grade Smoke detection and fire suppression for the entire building to be available.	Confirmation by the Bidder with necessary documents
87.	The doors for the server room, communications room, and other critical areas should be fire rated for minimum 2 hours.	Confirmation by the Bidder with necessary documents
88.	Proposed Data Centre to have 4 hours Fire Resistant walls for Exteriors and 2 Hour Fire Resistant for Interior walls	Confirmation by the Bidder with necessary documents
89.	Triple authentication Access system with a proximity card, biometric & Pin based (access control system) for entry to the Bank's DC Cage area and exit with a proximity card reader	Confirmation by the Bidder with necessary documents
90.	Bidder to have guards for the building to be available 24*7 at the entry / exit levels.	Confirmation by the Bidder with necessary documents
91.	The proposed facility should include <u>well defined process</u> to manage and track inbound and outbound material movement.	Confirmation by the Bidder with necessary documents
92.	Material Movement: Proposed Facility to have Under Vehicle Scanner, Metal Detector, Baggage Scanner, Boom Barrier/Bollards etc. Material Movement will be allowed 24x7	Confirmation by the Bidder



93.	Entry & Exit should be restricted and monitored by highly trained and experienced security personnel.		Confirmation by the Bidder
94.	Bidder to confirm presence of Hyperscalers and Direct Connectivity to the cloud		Confirmation by the Bidder
95.	Diverse (minimum 2) Meet Me Rooms/Telecom Rooms to be available preferably on the same floor proposed to the bank to be able to host network providers as per the bank's requirements.		Confirmation by the Bidder
96.	if the Network/ Telecom service provider whom Bank would be getting the links is not available, then the Bidder should allow the commissioning of the same.		Confirmation by the Bidder
97.	Dedicated conduits in diversified paths 2No's x 50mm GI Conduit/Pipe should be provisioned from the cage area up to the Meet Me Rooms in the Network/Telecom Risers with necessary junction boxes		Confirmation by the Bidder
98.	Bidder should extend the links terminated by the Network/ Telecom service providers in the Meet Me Room up to the bank's cage area via fibre/copper media (cross-connect) with no additional cost		Confirmation by the Bidder
99.	CCTV monitoring for surveillance of the server hall area to be provisioned with dedicated NVR's. The CCTV surveillance should cover Bank's Server caged area and other critical areas where Bank's components are placed. Activities to be recorded and the archival should be kept for at-least 90 days throughout the contract period and should be made available to the Bank for review 24*7 and submitted to the Bank monthly and whenever requested for byway of hard copy or soft copy or both. CCTV monitoring and recording of common access and entrance must also be logged and monitored. Bidder to manage supply, installation & maintenance of surveillance system during the tenure of the contract.		Confirmation by the Bidder



100.	Separate CCTV surveillance system with dedicated NVR to cover the entire seating space & storage area with no blind spots will be provisioned by the Bidder. Monitoring of the seating space area will be carried out by the Bank and bidder to make the provision of it by arranging required infra and Bidder shall have no access to the same.	Confirmation by the Bidder
101.	All the Building Management system (BMS) activities are to be controlled <u>and monitored</u> centrally in a room specifically to be used for BMS activities and by experienced personnel. The Bidder should manage the BMS activities on a 24*7 basis.	Bidder to provide BMS Schematic
102.	Critical Alarms/ Alerts like Temperature, Humidity, UPS, Electricals, VESDA, WLD, etc. Sharing with the Bank through SMS/ Email	Confirmation by the Bidder
103.	Bidder to have redundant BMS servers to mitigate risk of data loss if any	Confirmation by the Bidder
104.	Age of the Proposed Data Centre Building	Confirmation by the Bidder
105	No. of major incidents / outages in last 2 years across any of their sites in India	Bidder to share the incidents, rectification and mitigation plan
106	<p>Bidder to install proper intrusion detection systems (e.g., motion sensors, glass-break detectors and regular monitoring of the same.</p> <ul style="list-style-type: none"> • Bidder to perform physical perimeter penetration-testing at least once in 12 months to identify vulnerabilities (e.g., fence climbing, lock bypass) and submit the report to the Bank. • Bidder to analyse the physical access patterns for anomalies (e.g., off-hours access, multiple entries) with behavioural profiling and provide the report to bank. • Third-party conducted physical penetration testing of the shared facility, focusing on bank-specific areas to be performed at least once in 12 months • Are mantraps with dual authentication (e.g., badge + biometric with liveness detection) to be installed at critical 	<p>Confirmation by the Bidder.</p> <p>Documentary Evidences to be furnished as and when required.</p>



	<p>zones to prevent tailgating and spoofing and logs to be reviewed monthly</p> <ul style="list-style-type: none"> • Bidder to ensure that perimeter security logs (e.g., IDS alerts, fence checks) are maintained and reviewed quarterly to prevent breaches like climbing or cutting • Bidder to ensure that incidents (e.g., tailgating, cloning, spoofing) logged with response details (e.g., <15 min) and reviewed monthly to detect bypass attempts. • Bidder to analyse environmental incidents (e.g., temperature spikes, water leaks) for root cause, with logs preserved for at least 12 months • Physical Alarm Readiness Logs: Fire, intrusion, and environmental alarm logs to be maintained at both sites and reviewed monthly. • Bidder to ensure that maintenance management systems for data center equipment (e.g., CMMS for servers, cooling) are secured against cyber threats with access controls and proper regular monitoring. 		
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Notes:

- a. Bidder should showcase above specifications/ requirements and provide equivalent document.

Declaration:

1. We hereby confirm that we have various certificates/bench mark testing standards for the items quoted to meet the intent of the Bid.
2. We hereby confirm that the information submitted above is true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us our tender is liable to be rejected.

Date:
Place:

Signature with seal
Name:
Designation:





Annexure-10

Amended Technical Evaluation Criteria

(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank

Ref: GEM/2026/B/7061408 dated 01/01/2026

Bidder's response to the technical requirements listed in the Technical Requirement Sheet will carry marks as per given weightage. However, the Bank reserves the right to change these scores / compliance confirmations given by the Bidder, in case of any specific contradictory observations during the site visits or during the verification exercise.

Sl No	Parameters	Score Weightage	Maximum Marks	Documents to be Submitted
1	NBFC/Mutual Fund/ Commercial entity Client/ any other customer serviced by the Bidder anywhere in India	Single deployment of minimum 20 racks each or 400 sft - 1 Mark (Maximum 5 Counted for Scoring)	5	<u>Valid Customer PO copies or engagement letter/ reference letters on the customer's official letterhead, or email from official ID of Customer, clearly indicating the number of racks or the area deployed with the Bidder.</u>
2	Scheduled Commercial Banks serviced by the Bidder anywhere in India	Providing Colocation services anywhere in India Each Bank - 1 Mark (Maximum 3 Counted for Scoring)	3	<u>Valid Customer PO copies or engagement letter / reference letters on the customer's official letterhead, or email from official ID of Customer indicating their</u>



				<u>hosting with the Bidder.</u>
3	Deployment of high-density racks to support AI/GPU infrastructure, either within the proposed Data Centre facility or within the campus of the proposed Data Centre in Navi Mumbai.	<p>Contracted Power (Consumed Load)</p> <p>Avg. Rack Density - >40kW - 3 Marks</p> <p>Avg. Rack Density - >30kW upto 40kW - 2 Marks</p> <p>Avg. Rack Density - >20kW upto 30kW - 1 Mark</p>	3	<u>Valid Customer PO copies or engagement letter / reference letters on the customer's official letterhead, or email from official ID of Customer indicating the average rack density.</u>
4	<p>Bidder to provide the below Certifications with validity for the proposed site:</p> <p>a. Occupancy Certificate</p> <p>b. Fire NOC</p>	<p>OC - 1 Mark</p> <p>Fire NOC - 1 Mark</p>	2	<u>Please provide copies of certifications with active validity.</u>
5	<p>Bidder to provide the below Certifications with validity for the proposed site:</p> <p>c. TVRA Certification</p> <p>d. ISO 14001</p> <p>e. ISO 27001</p> <p>f. ISO 9001</p> <p>g. ISO 22301</p> <p>h. SOC -1 & SOC 2</p> <p>i. PCIDSS</p> <p>j. LEED/ IGBC (Minimum criteria is Gold)</p>	<p>TVRA - 1 Mark</p> <p>ISO 14001 - 0.5 Mark</p> <p>ISO 27001 - 0.5 Mark</p> <p>ISO 9001 - 0.5 Mark</p> <p>ISO 22301 - 0.5 Mark</p> <p>SOC -1 & SOC 2 - 0.5 Mark</p> <p>PCIDSS - 0.5 Mark</p> <p>LEED/IGBC Gold - 1 Mark</p>	5	<u>Please provide copies of certifications with active validity.</u>
6	Building Ownership: Owned / Leased/Sub-Leased by Bidder	<p>Owned/ Unexpired Lease > 35 years - 4 Marks</p> <p>Unexpired Lease 25-35 years - 3 Marks</p>	4	<u>Copy of Registered Sale Deed/ Registered Lease Agreement indicating the</u>



		Unexpired Lease 12-25 years-2 Marks		<u>ownership status and lease period.</u>
7	Floor Load Bearing Capacity	>1800 kg/sqm - 3 Marks >1600 to 1800kg/sqm - 2 Marks 1500 - 1600 kg/sqm - 1 Mark	3	<u>Structural Design Basis Report by Structural Consultant</u>
8	Age of the Building	Building Age: 0 upto 2 Years - 3Marks Building Age: >2 upto 5 Years - 2 Marks Building Age: >5 upto 8 years - 1 Mark	3	<u>Building Completion Certificate</u>
9	Proposed Data Centre offered commercial PUE (as per Table D of Annexure 13 Bill of Material)	PUE: Less than 1.6 - 4 Marks PUE: 1.60 up to 1.64 - 2 Mark PUE 1.65 - 1 Mark	4	<u>Self-Declaration from Bidder</u>
10	Fire Protection and Suppression System to have VESDA with FK-5-1-12/ Equivalent	FK-5-1-12/ Equivalent- 2 Marks NOVEC 1230 - 0 Mark	2	<u>Self-Declaration from Bidder</u>
11	Chiller Redundancy	>N+1 - 2 Marks N+1 - 1 Mark	2	<u>Mechanical DBR & SLD and Self-Declaration from Bidder</u>
12	CRAC Unit Redundancy for Server Hall	>N+1 - 2 Marks N+1 - 1 Mark	2	<u>Mechanical DBR & SLD and Self-Declaration from Bidder</u>
13	DX Unit Redundancy for Server Hall	N+1 and Above - 1 Marks	1	<u>Mechanical DBR & SLD and Self-Declaration from Bidder</u>
14	Diesel Generators Redundancy	N+2 and above - 3 Marks	3	<u>Mechanical DBR & SLD and Self-</u>



		N+1 Redundancy - 2 Marks		<u>Declaration from Bidder</u>
15	Electrical Systems Redundancy at all levels to support site operations independently.	<ul style="list-style-type: none"> Redundancy at Substation Level - 2 Marks Transformer & level A. > N+1 - 2 Marks B. N+1 - 1 Mark 	4	<u>Electrical DBR & SLD and Self-Declaration from Bidder</u>
16	Facility uptime by the Bidder - Bidder to provide uptime of the proposed Data Centre facility for the last 2 years If proposed facility is new, then Bidder shall provide uptime of any of their other Data Centre facility preferably within Navi Mumbai or anywhere in India	99.99% to 99.995 - 2 Marks Above 99.995% - 4 Marks	4	<u>Self-Declaration from Bidder</u>
17	Distance of the proposed Data Centre from existing DR facility located at Mahape, Navi Mumbai	Within 5kms from existing DR - 4 Marks >5 upto 8kms from existing DR - 3 Marks > 8 upto 10kms from existing DR - 2 Marks >10kms from existing DR - 1 Mark	4	<u>Bidder to share the address and Google Coordinates of the proposed Data Centre</u>
18	Raised Floor Height If no raised floor (hot aisle containment solution) scoring for this point will be 2 marks	> 800 mm - 2 Marks upto 800 mm - 1 Mark	2	<u>Sectional Drawing and Self-Declaration from Bidder</u>
19	Clear Height from Raised Floor Clear Height Slab to Slab (Hot Aisle Containment)	> 3000 mm - 2 Marks upto 3000 mm - 1 Mark	2	<u>Sectional Drawing and Self-Declaration from Bidder</u>



20	Comprehensive Insurance to be maintained by the Bidder during the entire tenure of the Contract Period for the Proposed Data Centre facility covering all natural disasters not limiting to Floods, Fire, Earthquake, Terrorist Attacks, Lightening (Share current year Insurance Copy) (If proposed facility is new, share the insurance of any other Data Centre preferably within Navi Mumbai or anywhere in India)	Insurance Copy - 1 Marks	1	<u>Bidder to provide a copy of valid insurance for the proposed Data Centre.</u>
21	The Bidder must have a documented Environmental, Social, and Governance (ESG) policy that aligns with industry best practices and demonstrates measurable sustainability commitments.	ESG Policy - 1 Marks	1	<u>Bidder to share the ESG Policy</u>
		Section A - Total	60	

Note: Bidder to submit Documentary Evidence for each point, else marking for that particular point will be marked as 0

f. Facility Tour Scoring (Section B):

This shall have a maximum score of 30 marks.

Bidder to make provision for the bank team and their third party appointed vendors/consultant for site visits to the site proposed by the Bidder. The items mentioned in the technical specifications, that can be demonstrated and validated will be evaluated during the site visits and any other specifications that bank deems fit or observes during the visit.

Bank team shall validate all the technical requirements during the site visit and assign scores accordingly.

SI No	Facility Tour Parameters	Maximum Scores
1	Electrical Systems, Diesel Generators, Fuel Distribution Architecture & related controls, documentation, monitoring, maintenance	6
2	Cooling Systems, (Chillers, PAC, CRAC), Temperature & Humidity Monitoring and related controls, documents, monitoring, maintenance	6



3	Physical Security, Site readiness, Access Control and related Levels, MFA, Processes, Monitoring etc	6
4	Building Management Systems & related controls, monitoring, maintenance	3
5	Presence & Readiness of Major Telecom Service providers, ISPs in the proposed DC and facility to serve the Bank's related requirements	4
6	Fire Protection and Suppression System & related controls, monitoring, maintenance	2
7	Location accessibility, Material Movement, Policy, Procedures, Customer facilities etc.	3
TOTAL		30

ii. Overall Proposal Evaluation (Section C):

This section shall have a maximum scoring of 10 marks. Evaluation includes the below.

- a. Bidder's approach, detailed work plan, proposed solution, facility, telecom availability and readiness, credentials, and past experience, etc.
 - b. Shortlisted Bidder's presentation and demonstration of the solution proposed.
 - c. Implementation Methodology & compliance to Project timeline described by Bidder
- Cumulative cut - off score of 65 marks in Section A, Section B and Section C to be scored by any Bidder to be qualified for commercial bid opening.
 - While the Cumulative Cut-off criteria across Section A, Section B and Section C is minimum 65 marks; Cut-off criteria in each section is as below:

Section	Cut-off Percentage
A	75%
B	50%
C	50%

The break-up of the scoring is mentioned below:

Technical Scoring - T

Section	Parameters	Maximum Score	Cut- off Score	Remarks
A	Technical Specification Compliance	60	45	Compliance to Technical Specification - Section A



B	Facility Tour	30	15	Facility Tour - Section B
C	Overall Proposal evaluation including Presentation to the Bank on the approach and offering	10	5	Overall Document Submission as part of RFP, Project Timeline and Presentation - Section C
TOTAL		100	65	

The Bidder should score minimum 65% marks In Technical evaluation criteria to qualify under Technical Proposal evaluation.

Declaration: We hereby confirm that the information submitted above is true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us, our response to this RFP is liable for rejection.

Date:
Place:
Designation:

Signature with seal
Name:



Annexure-13

Amended Bill of Material

(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: Selection of Service provider for providing Co-location services along with seating space, for establishing a new Near Disaster Recovery Center at Mumbai for Canara Bank
Ref: GEM/2025/B/XXXXXXX dated XX/XX/2025

Notes

1. These details should be on the letterhead of Bidder and each & every page should be signed by an Authorized Signatory with Name and Seal of the Company.
2. Please be guided by RFP terms, subsequent amendments and replies to pre-bid queries (if any) while quoting.
3. Do not change the structure of the format nor add any extra items.
4. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.

Table - A

Recurring Charges up to 7th Year



Sl No	Description	Qty	Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Year 7		Total Cost for 7 Years (Excl. taxes)	Tax for Column "p"		Total Cost for 7 Years (Incl. taxes)
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount		Tax %	Tax amount	
			b	c=a*b	d	e=d*a	f	g=f*a	h	i=h*a	j	k=j*a	l	m=l*a	n	o=n*a		q	r	
1	Data Centre Colocation Charges per kW	120k																		
2	Seating Space Charges	6 seats																		
3	Permanent Storage	100 sft																		



Table - 8
Recurring Charges from 8th to 10th year

[Amount in Indian Rupees]

Sl No	Description	Qty	Year 8		Year 9		Year 10		Total Cost for optional 3 Years (Exclusive taxes)	Tax for Column "h"		Total Cost for optional 3 Years (Inclusive taxes)
			Unit Cost b	Amount c=b*a	Unit Cost d	Amount e=d*a	Unit Cost f	Amount g=f*a		Tax %	Tax amount j	
1	Data Centre Colocation Charges per kW	120k W										
2	Seating Space Charges	6 seats										
3	<u>Permanent</u> Storage Space Charges(Within)	100 sft										



Table - C
One Time Cost

[Amount in Indian Rupees]

Sl.No	Description	Qty	Unit Cost	Total Cost (Exclusive taxes)	Tax column for "c"		Total Cost for One Time Cost (Inclusive taxes)
					Tax %	Tax amt	
		A	b	c=a*b	d	e	f=c+e
1	Cage Build Cost including Access Control & CCTV Cameras in Sft	(Please specify as per Layout)					
2	Dedicated Permanent Storage Space 100 Sft	100Sft					
3	Dedicated Seating Space	6 No.					
4	Dedicated GI Conduit of 2 x 50mm for laying telecom cables in meters	(Please specify as per Site Condition)					
5	Supply and installation of Server Racks - 800x1200mm Racks with one pair of 3 phase 32 amps non-intelligent RPDU's	2 Nos					
6	Supply and installation of Network Racks - 800x1200mm Racks with one pair of 3 phase 32 amps non-intelligent RPDU's	2 Nos					
7	Supply & Installation of ATS/ STS	2 No's					
8	Any other cost, please specify						
		Sub Total					
Total Cost of One Time Cost				(Mention the total in words also)			



electricity bills issued by MSEB/MSEDCL and submitted by the bidder for the proposed facility.

Notes:

- Power usage efficiency (PUE) cannot exceed 1.65 in the final commercial bid and will be captured as it is in the Final Service level agreement document.
- 'Estimated quantity per annum' in above table is only for TCO calculation purpose, Electricity bill will be paid by bank on an actual metered power basis and Bank's consumption.
- Green Power tariff and percentage allocation will be valid during the entire contract and shall be applicable to any future expansion by the bank.



Table - F
Structured Cabling Cost (Optional Cost)

Sl No	Description	Qty	Make	Unit Rate - Supply	Unit Rate - Installation	Supply Cost Excl. Tax	Tax for column "d"		Supply Cost Incl. Tax	Installation Cost Excl. Tax	Tax for column "h"		Installation Cost Incl. Tax	Total Amount Incl. tax
							Tax %	Tax amt			Tax %	Tax amt		
							e	f			i	j		
1	UTP cable (supporting 10G-CAT 6A) 1 box (305m)	3				$d=a*b$			$g=d+f$	$h=c*a$		$k=h+j$	$l = d+h$	$m=g+k$
2	Patch Panel (CAT 6A UTP Fully loaded) - 24 Port - 1U	6												
3	Patch Panel (CAT 6A UTP Fully loaded) - 48 Port - 1U	6												
4	Copper patch panel keystone jacks CAT6A	1												
5	24 Port LIU Multimode	20												
6	Pigtails and Couplers	1												
7	48 Core Fibre cable OM4 Multimode	30												



													In words also

Note:

- The prices for structured cabling should align with prevailing market rates. The Bank reserves the right to conduct cost due diligence, compare pricing, and negotiate with the Bidder as necessary.
- The quantity mentioned above is the indicative for calculation of TCO. However, the exact quantity will be shared to successful bidder if bank intends to perform the structured cabling for the successful bidder.



Table - G

Recurring Charges for Reserved 10 Racks up to 7th year

- The Bank plans to reserve 10 racks for up to 3 years, along with the Right of First Refusal (ROFR) as stated in the RFP.
- Table G is used only to capture the commercial values for reserved racks starting from Year 1, for Total Cost of Ownership (TCO) calculation purposes.
- When any of the reserved racks are converted to active (regular) use during the contract period, billing for those racks will be calculated on a prorated basis.
- Example: If 2 reserved racks are activated in the 25th month of the contract, the recurring charges for those 2 racks will be billed at the applicable rate on pro rata basis, including their power consumption. The remaining 8 reserved racks will continue to be billed at the reservation rates (on pro rata basis) specified in Table A.

SI No	Description	Qty	[Amount in Indian Rupees]							Total Cost for 7 Years (Exclusive taxes)	Tax column for "p" Tax amt	Total Cost for 7 Years (Inclusive taxes)							
			Year 1		Year 2		Year 3		Year 4				Year 5		Year 6		Year 7		
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost				Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
a	b	c=a*b	d	e=d*a	f	g=f*a	h	i=h*a	j	k=j*a	l	m=l*a	n	o=n*a	p=c+e+g+i+k+m+o	q	r	s=p+r	



1	Data Centre Colocation Charges per kW	120 kW	Sub Total		Sub Total		Sub Total		Sub Total		Sub Total		Sub Total		Sub Total		Sub Total	
			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Cost of Recurring Charges for 10 Reserved Racks for 7 Years:																		
(Mention the total in words also)																		



Table - H

Recurring Charges for Reserved 10 Racks for 8th to 10th Year

Sl No	Description	Qty	Year 8		Year 9		Year 10		Total Cost for 8 th to 10 th Years (Exclusive taxes)	Tax for column "h"		Total Cost for 8 th to 10 th Years (Inclusive taxes)
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount		Tax %	Tax amt	
		a	b	c=b*a	d	e=d*a	f	g=f*a	h=c+e+g	i	j	k=h+j
1	Data Centre Colocation Charges per kW	120kW										
			Sub Total		Sub Total		Sub Total					
Total Cost of Recurring Charges for Reserved 10 Racks for 8th to 10th Year:												<u>the total in words also</u>



Note: Bank may procure the required no. of additional racks from reservation during the reservation period and the invoices to be done on pro rata basis.

Table-1
Power Charges for Reserved 10 Racks upto 7th year

Sl No	Description	Metered Units Per Month	Monthly Estimate	7 Year Estimate (Exclusive taxes)	[Amount in Indian Rupees]		
					Tax %	Tax amt	7 Year Estimate (Inclusive taxes)
				a	b	c	d=a+c
1	7 Year Power Estimate - (Bidder to share the Power Calculation Formula) Bidder to mention below: Blended Power Tariff (Unit Rate): Commercial PUE:	87,600 units (120KWx730 hours)	Blended Power Tariff (Unit Rate) x PUE x <u>87,600</u>	Monthly Estimate x <u>84 months</u>			
Total Cost of Power Charges for Reserved 10 Racks for 7 years:				—			<u>Mention the total in words also</u>



Table-J

Power Charges for Reserved 10 Racks for 8th to 10th year

[Amount in Indian Rupees]							
Sl.No	Description	Metered Units Per Month	Monthly Estimate	8 th to 10 th Year Estimate (Exclusive taxes)			8 th to 10 th Year Estimate (Inclusive taxes) d=a+c
				a	Tax for column "a"		
				Tax %	Tax amt	b	c
1	3 Year Power Estimate - (Bidder to share the Power Calculation Formula) Bidder to mention below: Blended Power Tariff(Unit Rate): Commercial PUE:	87,600 (120kWx730 hours)	Blended Power Tariff (Unit Rate) x PUE x 87,600				
Total Cost of Power Charges for Reserved 10 Racks for 8 th to 10 th Year:			_____ [Mention the total in words also]				

Note: Blended Power Tariff & PUE mentioned in Table D will hold good when the reserved racks are exercised.



Table-K
OPTIONAL COST - Optional items

Sr No	Description	Qty	Unit Cost	Total Cost (Excl. Taxes)	Tax for Column "C"		Total Cost (incl. Taxes)	
					Tax %	Tax amt		
a	b	c=a*b	d	e	f=c+e			
1	1kW additional power to be increased within the same setup, with no addition of Rackspace per month	1						
2	Electrical Cabling charges including cable cost with socket of 16amps (single phase) - One Time Cost	2						
3	Electrical Cabling charges including cable cost with socket of 16amps (Three phase) - One Time Cost	2						
4	Electrical Cabling charges including cable cost with socket of 32amps (single phase) - One Time Cost	2						
5	Electrical Cabling charges including cable cost with socket of 32amps (three phase) - One Time Cost	2						
6	Electrical Cabling charges including cable cost with socket of 63amps (single phase) - One Time Cost	2						
7	Electrical Cabling charges including cable cost with socket of 63amps (three phase) - One Time Cost	2						
8	Caging/Wall - Per Sq.ft of Server area - One Time Cost	1						
9	Biometric access - per number (Nos.) - Supply, Installation and Maintenance	1						
10	Access card entry - per number (Nos.) - Supply, Installation and Maintenance	1						
11	CCTV Camera - Cage - Supply, Installation and Maintenance	1						
12	CCTV Camera- Seating & Storage - Supply, Installation and Maintenance	1						
13	Liquid Immersive cooling - One Time Cost - per kW of IT capacity	1						
14	Direct contact liquid cooling - One Time Cost - per kW of IT capacity	1						
	Sub Total							
Total Cost of Optional items:							(Mention the total in words also)	



(Mention the total in words also)

Note: Power charges will be applicable as per actual consumption and the agreed Blended Power Tariff & PUE mentioned in above tables.



Table-M

OPTIONAL COST- Colocation Recurring charges for High Density Racks upto 40kW/rack Consumed load with Air-Cooled Infrastructure for 8th to 10th year

Sl No	Description	Qty	Year 8		Year 9		Year 10		Total Cost for 8 th to 10 th Years (Exclusive taxes)		Tax for column "h"		Total Cost for 8 th to 10 th Year (inclusive taxes) k=h+i+j
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Amount	Amount	Tax %	Tax amt	
		a	b	c=b*a	d	e=d*a	f	g=f*a	h=c+e+g	i	j		
1	Data Centre Colocation Charges per kW	40k W											
			Sub Total	—	Sub Total	—	Sub Total	—	—				
Total Cost of Recurring charges for High Density Racks for 8th to 10th year:													



(Mention the total in words also)

Note: Power charges will be applicable as per actual consumption and the agreed Blended Power Tariff & PUE mentioned in above tables.



Table-N
Total Cost of Ownership for 10 years Contract Period

[Amount in Indian Rupees]

Sl. No.	Details	Total Cost (Exclusive of taxes)	Total Cost (Inclusive of taxes)
1.	Total Recurring charges for Colocation Facility upto 7 th year as per Table-A		
2.	Total Recurring charges for Colocation Facility for 8 th to 10 th Year as per Table-B		
3.	Total One Time Cost as per Table-C		
4.	Total Power Consumption Charges upto 7 th year as per Table-D		
5.	Total Power Consumption Charges for 8 th to 10 th Year as per Table-E		
6.	Total Cost of Structured Cabling Cost (Optional) as per Table-F		
7.	Total Recurring charges for Reserved 10 Racks upto 7 th year as per Table-G		
8.	Total Recurring charges for Reserved 10 Racks for 8 th to 10 th Year as per Table-H		
9.	Total Power Consumption Charges for Reserved 10 Racks upto 7 th year as per Table-I		
10.	Total Power Consumption Charges for Reserved 10 Racks for 8 th to 10 th Year as per Table-J		
11.	Optional Items Cost (Optional Cost) as per Table K		
12.	Total Recurring charges for High Density Racks upto 7 th year (Optional Cost) as per Table - L		
13.	Total Recurring charges for High Density Racks for 8 th to 10 th Year (Optional Cost) as per Table - M		
	Total Cost of Ownership (TCO) for 10 years [Sum of rows 1,2,3,4,5,6,7,8,9,10,11,12 and 13]	_____	_____
		_____ (Mention the total in words also)	_____ (Mention the total in words also)



Undertaking

- i. Bill of material is submitted on the letter head and is signed by an Authorized Signatory with Name and Seal of the Company.
- ii. We confirm that we have gone through RFP clauses, subsequent amendments and replies to pre-bid queries (if any) and abide by the same.
- iii. We have not changed the structure of the format nor added any extra items. We note that any such alteration will lead to rejection of Bid.
- iv. We agree that no counter condition/ assumption in response to commercial bid will be accepted by the Bank. Bank has a right to reject such bid.
- v. We are agreeable to the payment schedule as per "Payment Terms" of the bid.
- vi. The bidder has to make sure all the arithmetical calculations are accurate. Bank will not be held responsible for any incorrect calculations.

Date:
Place:

Signature with seal
Name:
Designation:

