

Reply to Pre- Bid Queries- RFP042022-23



बैंक ऑफ महाराष्ट्र  
Bank of Maharashtra  
भारत सरकार का बैंक  
एक परिवार, एक बैंक

Request for Proposal for Co-hosting of Primary Data Center  
RFP Reference No. 042022-23

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1	13	4.2	Project Scope	Bank will require seating space for at least 5 persons at DC facility and to be augmented to the capacity of 10 at DC during the tenure of contract. However, the seating space at DC will be billed as per usage.	Can bidder has choice to provide future 5 no's seating space in the same floor or some other floor as it is difficult to hold the contagious space for longer time? Please confirm.	Self explanatory
2	14	4.4	Lift & Shift the Existing Setup	Complete inventories of existing systems and inter-dependencies.	Bank to share the complete inventory details. Application interdependencies to be managed by bank. Please confirm the <u>acceptance of the same</u> .	Refer to Corrigendum
3	14	4.4	Lift & Shift the Existing Setup	Equipment requirements to keep systems operations under check during the migration process.	Equipment to be shifted as is to the Colo Setup. Any specific requirement of any equipments to be managed by bank.	Refer to Corrigendum
4	14	4.4	Lift & Shift the Existing Setup	Contingency Plan to cover unforeseen glitches during the migration	Equipment to be shifted as is to the Colo Setup. Spare components like HDD, Power supply to be managed by the bank. <u>Please confirm</u> .	Refer to Corrigendum
5	14	4.4	Lift & Shift the Existing Setup	LAN/WAN detailed diagram	Customer to share the details.	Refer to Corrigendum
6	14	4.4	Lift & Shift the Existing Setup	Dry run to test if plan is achievable	Not able to understand the requirement.	Refer to Corrigendum
7	15	4.4	Lift & Shift the Existing Setup	Ensure back-up systems are in place & operational <u>Data Backup (prior to migration)</u>	Any kind of IT/ Data Back-up shall be part of Bank scope.	Refer to Corrigendum
8	15	4.4	Lift & Shift the Existing Setup	II. Transit Insurance of the assets shall be taken by bidder on behalf of the Bank and for labor involved in movement. Proof of insurance to be submitted to the Bank before commencement of actual shifting of items.  The details of items to be shifted with the current asset value for insurance purposes will be provided to the shortlisted bidder, however there may be few variations in number of items.	We can't able to do the resale of Insurance. Request you to exclude from the service providers scope. <b>We might not able to bid in case bank wants to retain the clause.</b>	Refer to Corrigendum
9	15	4.4	Lift & Shift the Existing Setup	IV. Devices will be shifted from current location to <u>proposed location in Multiple phases</u> .	Please confirm the Maximum no of phases	Refer to Corrigendum
10	15	4.4	Lift & Shift the Existing Setup	V. The patch panel/LIU or any other connectivity required for migration in existing site and proposed site will be done by bidder.	As structured cabling is not part of the scope, the Patch panel/ LIU shall be shifted from existing site to Colo setup. Bidder will not able to supply the Patch panel/ LIU unless quantified by the Bank.	Refer to Corrigendum
11	15	4.4	Lift & Shift the Existing Setup	VI. The laying out of (copper, fiber, multimode fiber) cable and termination of cable in ports at devices, required for migration in existing and proposed site will <u>be done by bidder</u>	As structured cabling is not part of the scope, the existing patch cords and fibre cable shall be used as is during migration activity.	Refer to Corrigendum
12	15	4.4	Lift & Shift the Existing Setup	VII. The bidder has to take all necessary shifting permissions from respective authorities. No additional cost whatsoever would be paid for the same.	Local municipal permission shall be taken by bidder, however permission from banks existing building premise to be carried out by bank only. Please confirm.	Refer to Corrigendum
27	Page 14	4.4	Lift & Shift the Existing Setup	e) LAN/WAN detailed diagram	The bidder would not have visibility of the WAN and DC LAN architecture since the scope of this RFP is limited to providing colocation space. Hence request to remove this deliverable from <u>bidders scope for migration</u> .	Refer to corrigendum
28	Page 15	4.4	Lift & Shift the Existing Setup, Post Migration Pt.f	Detailed diagrams rack / network / patching /LL connectivity	Requesting Bank to share the rack elevation and the passive cabling diagrams for bidder to prepare lift and shift logistics.	Refer to corrigendum



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38	14	4.4	Lift & Shift the Existing Setup	The shortlisted bidder has to shift equipment from present Bank's DC Site- to new proposed bidder Datacenter. Shifting of the equipment involve un-mounting, packaging, marking/labelling, transportation and mounting, installation of the equipment at bidder Datacenter. However, any configuration on device level will be Bank's responsibility. The bidder to note that, the Bank will not be able to provide any manpower for the physical activity. The bidder has to share complete Plan of Action with bank before execution of migration activity.	Kindly confirm the existing DC Floor level? Does it have lift available to carry the IT equipment? Please confirm	Refer to Corrigendum
39	15	4.4	Lift & Shift the Existing Setup	Transit Insurance of the assets shall be taken by bidder on behalf of the Bank and for labor involved in movement. Proof of insurance to be submitted to the Bank before commencement of actual shifting of items.	Kindly Confirm the Depreciated total Asset Value? (Need cost to calculate the Transit Insurance premium)	Refer to Corrigendum
40	15	4.4	Lift & Shift the Existing Setup	The details of items to be shifted with the current asset value for insurance purposes will be provided to the shortlisted bidder, however there may be few variations in number of items.	Please provide the Complete inventory list or can we have overview plan for lift/ shift of inventory/equipment in phase wise the it will be helpful to determine the precise Scope and planning of lift/ shift activity	Refer to Corrigendum
41	15	4.4	Lift & Shift the Existing Setup	V. The patch panel/LIU or any other connectivity required for migration in existing site and proposed site will be done by bidder. VI. The laying out of (copper, fiber, multimode fiber) cable and termination of cable in ports at devices, required for migration in existing and proposed site will be done by bidder.	Please clarify or elaborate the scope here as Inter rack cabling is in Bank's scope. Are we mentioned about all existing cables/Patch Panels/ LIU to be unmounted and then remount at proposed site is the requirement. Kindly confirm.	Refer to Corrigendum
42	16	5.1	Data Center co-hosting & Near Site relocation requirements -	The complete electrical and communication cabling (copper cable, fiber cable, connectors should be of reputed brands) has to be performed by the Co-hosting Service Provider. LAN Cabling will be completed by the bank	Please let us know whether Scope for Supply and installation of the Inter rack cabling i.e. Copper and Fiber cabling is in Bank's Scope or Bidder have to supply and install the same.	Self explanatory
43	17	5.1.2	Server Room Area	A separate meter should be installed to evaluate the power consumption for Bank's equipment hosted at the DC/NDR site. Bank/ or its designated agency will have the right to audit the Co-hosting facility including the power meter for consumption.	We will deploy a system with meters/ Branch circuit monitoring deployed at individual rack/circuit level, this can be audited by customer so there is no additional requirement to deploy separate power meter. Hope same is fine with Bank	No Change in RFP
44	17	5.1.2	Server Room Area	Bank may in future require additional space at the Data Centre or Near Site during the contract period. In the event Bank wants additional space for expansion, the same will be provided to the Bank within the same floor at the current agreed prorated rates. Bank cannot provide any time frame to inform Bidder for taking up additional space.	Please confirm if Bidder can provide the existing required (37+13 Racks) and additional space (over and above 50 racks) on the same floor or building or premises as per availability. Hope same is fine with Bank	Self explanatory

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45	19	5.1.2	Server Room Area	XXI. The vendor shall provide one time LAN cabling from the Network rack to the Server Racks as per the network designed finalized with the Bank's network team at no additional cost to the Bank. Vendor to use CAT6A/OM3 cables of any top three OEM. All patch-panels/LIUs will be fully populated with CAT6A/Multimode/Single mode Fibre chords as per requirement/space provisioned to Bank. Vendor to provision passive components on site for immediate replacement/maintenance/connectivity etc. i.e The vendor shall provide the one time Cross connect cabling from bidder's tele-communication room to Bank Network/ Server Rack with no additional cost to Bank. Internal LAN cabling between Bank Racks will be done by the Bank.	We understood that here Scope refers to the one time LAN cabling i.e. Cross connect from Network rack (i.e. in MMR) to the Server Rack (i.e. in Banks/ Caged area). Interrack cabling within the Bank's Caged area that includes cabling between Network and Server racks will be done by Bank itself. Please confirm	Self explanatory
46	26	5.1.17	Existing Rack Dimensions	5.1.17 Existing Rack Dimensions	Rack dimensions mentioned in the RFP and shown in the existing DC layout we received from Bank namely "Rack Layout for DC CO Host" are different. Kindly confirm if Bidder can consider Dimensions given in the RFP Page No. 26 to prepare the proposed DC Caged layout for proposal	Self explanatory
47	26	5.1.17	Existing Rack Dimensions	5.1.17 Existing Rack Dimensions	As per the standard DC layout, width of Cold and Hot aisles inbetween Rack rows will be of 1200mm, but Cold/ Hot aisles falling after last Rack rows can be of 600mm wide. However, This is sufficient to provide the required cooling CFM as per the design. Hope this is fine with Bank Kindly confirm	No Change in RFP Clause
48	18	5.1.2	Server Room Area	XI. The Bank requires a dedicated power meter that can measure the actual power consumption by the Bank's equipment. This consumed power will be payable by the Bank at the unit rates provided in the commercials throughout the tenure of the contract. This power usage will be ONLY for the racks that are setup for Bank and not any other environmental devices such as precision air conditioners etc.	We will deploy a system with meters/ Branch circuit monitoring deployed at individual rack/circuit level, this can be audited by customer so there is no additional requirement to deploy separate power meter. Hope same is fine with Bank	Self explanatory
49	19	5.1	Data Center co-hosting & Near Site relocation requirements -	Single phase and three phase power should be made available to support Bank's equipment in the server room/hall area.	Please specify no. of pair of Single or Three phase power supply distribution required for the racks	Details will be shared with the successful bidder.
50	19	5.1.2	Server Room Area	The bidder shall provide adequate numbers of 32 amps industry standard sockets in single phase and adequate numbers of 64 amps industry standard sockets in three phase in Bank's rack space as per the layout.	Please confirm if Bidder provides 32 A Power supply in both Single and Three phase. Hope this is fine with bank	No Change in RFP Clause
51	19	5.1.2	Server Room Area	XIV. The Service Provider should ensure that minimum 5KVA of power is provided for each rack. The power requirement per rack may vary and the service provider needs to provision the power as per Bank's power requirements per rack	Please confirm if this 5 KVA is Rated or Consumed power per rack	Consumed power per rack.

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52	19	5.1.2	Server Room Area	The bidder will be responsible for the extension of links from the bidder's tele-communication room to rack space area irrespective of whether the communication links are taken from the bidder. The bidder shall extend such links from their network communication room to the rack space provided to the Bank to host their DC/NDR infrastructure. Such cost should be included in the one-time charges table in the commercial sheet.	Please confirm the total No. of Copper and No. of Fiber cross connects from MMR to Racks within the Caged setup	Details will be shared with the successful bidder.
53	20	5.1.3	Communication Area - A -	provision of additional 20 individual cross connects (10 fiber and 10 Gigabit Ethernet) per year from Mux room to server room needs to be done. The bidder shall factor the cross connects in the Annexure 10 – Commercial Bill of Materials. Payment will be made as per actual utilization (only for DC). Bidder shall identify the requirements for the cross connect cables at DC and NRC, between Communication room and Hosted area. If required by bidder, bidder may visit the existing sites. Bidder shall be end to end responsible for the same for the period of contract.	Please specify Day one requirement of Copper and Fiber cross connects. We understood these 20 cross connects are over and above Day one requirement. Kindly confirm on this.	Details will be shared with the successful bidder.
54	20	5.1.4	BMS (Building Management Systems) -	There should be CCTV cameras (IP Cameras) with night vision with 12m range monitoring for surveillance of building entrance, exits and other critical areas where Bank's components are placed. Activities to be recorded and the archival should be kept for at-least three months. Thereafter it should be provided to Bank on DVD/ kept in storage devices (External Hard Disk – USB)/storage vault.	Please confirm if CCTV (IP Cameras) with night vision with 12m range is required for only within Bank's proposed Caged setup as mentioned in RFP Page No. 62 Point No. 42. Video archival facility will be considered specifically for the Banks Caged setup. Hope this will be fine with Bank	Self explanatory
55	61	Annexure 1:	Technical Requirements for DC Co-Hosting	33 The entire solution have power supply from the transformer as the primary source and automatic switchover to DG set as a secondary source. In case of primary power failure, UPS should have back up power for minimum 30 minutes	As per Page No. 17 Point No. VIII, it is mentioned that UPS should have back up power for minimum 15 to 30 minutes. Kindly amend the mentioned clause accordingly.	Minimum 15 to 30 Minutes of UPS Power backup is required.
56	22	5.1.7	Power Supply Requirements	VI. All power feed must be protected from brownout, spike & surge by Uninterrupted Power Supply, with capacity to supply stable power up to 2 hours after primary power failure.	As per standard Design of the proposed facility, We have UPS system installed in N+N configuration with 15 mins battery back up, along with DG Sets in N+1 configuration. In addition to this, On premise Diesel storage can support complete DC operations for minimum 48 hrs. Hope same is fine with the bank, request to accept and confirm	No change in RFP clause