

RFP092010: Data Center to Co-host Bank's Near Site
Revisions and clarification / replies to bidders' queries – Pre Bid meeting held on 17th July 2010

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Clauses / Annexures to be modified

Revised Appendix1 Form 02: Masked Commercial Bid (Without commercials)

Recurring 5 Year	
Near Site co - hosting Charges (5 Years)	0
Link charges	0
Seating space (Optional)	0
TOTAL COST OF TENDER	0

Note : The **Grand Total** Cost needs to flow to relevant sections to this sheet

The vendor has to make sure all the arithmetical calculations are accurate. Bank will not be held responsible for any incorrect calculations.
The vendor has to ensure no prices are quoted in the masked bill of materials

Near Site co - hosting Charges (5 Years)

SL.No.	Items	YEAR 1			YEAR 2			Year 3			YEAR 4			YEAR 5			TOTAL
		Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	AMT
1	Near Site Hosting / Co-Hosting Charges (per sq. feet)	250		0	250		0	250		0	250		0	250		0	0
2	Power (KWH or units per annum)	96000		0	96000		0	96000		0	96000		0	96000		0	0
3	32 amps single phase sockets	6		0	0		0	0		0	0		0	0		0	
4	32 amps three phase sockets	2		0	0		0	0		0	0		0	0		0	
5	One time expense			0	0		0			0			0				
6	Remote Hands support (per event)	20		0	20		0	20		0	20		0	20		0	0
4	One time expense			0													0
	Total																0

Note:

1. For each of the above items provided the vendor is required to provide cost for every line item.
2. The vendor needs to clearly indicate if there are any recurring costs included in the above bid and quantify the same. In the absence of this, the vendor would need to provide the same without any charge. Vendor should make no changes to the quantity p
3. If the cost for any line item is indicated as zero then it will be assumed by the Bank that the said item is provided to the Bank without any cost.
- 4.To be supplied as per RFP requirements provided in the tender

5. The Near Site Co-hosting Charges need to include all other services and requirement and not listed out as separate cost such as cooling, BMS, CCTV surveillance, access control etc as required and mentioned in the RFP.
6. Activities such as caging, electrical work (including power sockets), extension of links from network communication room to server cage area, etc needs to be factored in the "Onetime expense" .
7. The quantity provided by the Bank are indicative and will be considered for bid evaluation purposes only. Bank will place the order on the basis of their actual requirement and the unit rate will be considered accordingly.
8. The vendor has to make sure all the arithmetical calculations are accurate. Bank will not be held responsible for any incorrect calculations.
9. The price quoted by the service provider shall be inclusive of all taxes and levies; excluding Octroi (if applicable) and service tax (and applicable levies on service tax like education cess, etc) which will be paid at actual.
10. For items such as "One time expense", "32 amps single phase sockets", "32 amps three phase sockets", the vendor shall only provide for the costs for year 1. The cost for the sockets would be used by the Bank for any further additions / deletions to the quantities on a pro-rata basis for the period of the contract
11. The factor used for conversion from KVA to KW is 0.9.

Link Charges

SL .N o.	Items	Type of Link	YEAR 1			YEAR 2			Year 3			YEAR 4			YEAR 5			TOTA L
			Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	Qty	Unit Rate	Amt	AMT
1	Datacenter - Near site	Fiber	1		0	1		0	1		0	1		0	1		0	0
2	Datacenter - Near Site (different service provider)	Fiber	1		0	1		0	1		0	1		0	1		0	0
3	One time implementation cost for Fiber connections		1		0													
4	Datacenter - Near site	Leased line	1		0	1		0	1		0	1		0	1		0	0
5	Datacenter - Near Site (different service provider)	Leased line	1		0	1		0	1		0	1		0	1		0	0
6	One time implementation cost for DC-NS leased line links		1		0													
7	Near Site - DR Site (with on demand Bandiwdth requirement from 2 Mbps to 100Mbps)	Leased line	1		0	1		0	1		0	1		0	1		0	0
8	Near Site - DR Site (different service provider) (with on demand Bandiwdth requirement from 2 Mbps to 100Mbps)	Leased line	1		0	1		0	1		0	1		0	1		0	0
9	One time implementation cost for NS- DR lease line links		1		0													0
Total																		0

Note

- :
1. For each of the above items provided the vendor is required to provide cost for every line item.
 2. The vendor needs to clearly indicate if there are any recurring costs included in the above bid and quantify the same. In the absence of this, the vendor would need to provide the same without any charge. Vendor should make no changes to the quantity.
 3. If the cost for any line item is indicated as zero then it will be assumed by the Bank that the said item is provided to the Bank without any cost.
 4. The quantity provided by the Bank are indicative and will be considered for bid evaluation purposes only. Bank will place the order on the basis of their actual requirement and the unit rate will be considered accordingly.
 5. Vendor to consider the Bandwidth requirement provided in Annexure 8 of the tender document and quote for year on year cost w.r.t Bandwidth requirement for each link
 6. For items such as "One time expense", the vendor shall only provide for the costs for year 1.

Revised Annexure 8: Bandwidth Requirement Details

From	To	type	Bandwidth Year 1	Bandwidth Year 2	Bandwidth Year 3	Bandwidth Year 4	Bandwidth Year 5	Remarks
DC	Nearsite	Leased Line	2Mbps	2Mbps	2Mbps	2Mbps	2Mbps	Leased line
DC	Nearsite	Leased Line	2Mbps	2Mbps	2Mbps	2Mbps	2Mbps	Leased line -Redundant Leased line link from different Link service provider
DC	Nearsite	Dark Fiber	1Gbps	1Gbps	1Gbps	1Gbps	1Gbps	Latency should be less than 2 millisecond.
DC	Nearsite	Dark Fiber	1Gbps	1Gbps	1Gbps	1Gbps	1Gbps	Redundant link from different Links service provider -Latency should be less than 2 millisecond.
Near site	DR	Leased Line	2Mbps	2Mbps	2Mbps	2Mbps	2Mbps	Primary link with Bandwidth on demand facility from 2 Mbps to 100Mbps
Nearsite	DR	Leased Line	2Mbps	2Mbps	2Mbps	2Mbps	2Mbps	Redundant Leased line link from different link SP with Bandwidth on demand facility from 2 Mbps to 100Mbps

Revised Annexure -1: Service Provider's Compliance to Technical requirement of Near site

SL.No.	Technical requirement	Compliance (Yes / No)	SP's comments
1	The Service Provider's proposed site is less than 25 Kms from the Bank's existing Data Centre.		SP to provide complete address of the proposed site in the SP's comment column
2	Clear space of 250Sq ft. to accommodate Bank's 4 numbers of 42u racks of approximate dimension (Width of 3Ft. X Depth of 4 Ft.). Layout of proposed space to be provided.		SP to provide the clear space area considered for the Bank in the SP comments column
3	The data center should have a load bearing capacity of minimum 750 Kg/ Sq mtr		
4	Freight Lift - The data centre should have a high capacity freight lift for ease of movement of Servers and High density Hw devices		
5	The server room area should have a raised floor height of 2ft		
6	The server hall height from raised floor to false ceiling should be at least 8ft		
7	Diesel Tanks (for generators) - The data centre should have high capacity diesel tanks for ensuring 24 hour power backup with contracts for fuel supply on demand		
8	The design for cooling infrastructure at the data centre should be in lines with standard guidelines to support high density cooling needs		
9	Redundant CRAC units to facilitate High density cooling needs		
10	The temperature in the server hall should be maintained at 20 +/- 5 deg C		
11	The humidity at the data centre should be maintained at 50 % +/- 5% RH.		
12	The server halls should have advanced fire detection & suppression system through systems like VESDA & FM 200 /FE 227 respectively		
13	The data centre should have microprocessor based system to detect water leakage within a short period of time		
14	The data centre should have electronic rodent control systems with operatability on varied frequency range		
15	Proposed SQUARE FOOT Caged area is 250 sq. feet. And will easily accommodate 3racks		

	(42U - 3ft X 4 ftX 7 ft)		
SL.No.	Technical requirement	Compliance (Yes / No)	SP's comments
16	A separate Cage dedicated for the Bank within the server room / Hall area		
17	Access card entry for the caged area		
18	Biometric Access to the common entry to the Server room/ Hall area should be available		
19	Security for the building to be available 24*7 at the entry / exit levels.		
20	Power should be available from two different power sources.		
21	Two separate power paths from the UPS to be provided to the server / network communication room.		
22	UPS should be configured in redundant mode.		
23	Power of approximate 12 KVA to the Bank's cage area in the server room. Additional power if required to be made available.		
24	32 amps and 64 amps power sockets will be made available by SP		
25	The proposed server room caged area should be well covered in the fire detection and suppression system.		
26	The building & Server room area should be provided with Water Leak detection system and fire alarm system.		
27	There should be CCTV monitoring for surveillance of the server hall area. 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 one month.		
28	The infrastructure should be of tier 3 standards.		
29	Entry & Exit should be restricted and monitored and should also be in CCTV surveillance coverage		
30	Smoke detection and fire suppression for the building to be available.		
31	Telecom junction box, multiplexers of various service providers to be available in and around the building.		
32	If the Telecom junction box, multiplexers of service provider from whom Bank would be getting the links is not available then the DC service provider should allow the commissioning of the same.		

SL.No.	Technical requirement	Compliance (Yes / No)	SP's comments
33	The co-hosting facility service provider should extend the link terminated by the link service provider on the junction box till the server room where the Bank's equipments will be located.		
34	All the Building Management system (BMS) activities are to be controlled centrally in a room specifically to be used for BMS activities. The vendor should manage the BMS activities on a 24*7 basis or as the bank decides.		
35	The doors for the server room, communications room, and other critical areas beyond level 2 should be fire rated.		
36	The Server room / Hall area should have precision air conditioning with redundancy.		
37	The entire solution should be automatic with power supply from the transformer as the primary source and automatic switchover to DG set as a secondary source.		
38	99.982% Uptime is required for the DC Environmental Infrastructure.		
39	Gate passes to enter SP's premises for Bank's representatives- free of any cost		
40	Audit reports of people accessing the Server room should be available as and when required by Bank.		
41	Share the video monitoring data in case required by Bank		
42	Availability of 3 phase , 4 wire power system		
43	SP shall provide the electrical cabling required by the racks to be hosted in the data center		
44	Dedicated Fiber - 1Gbps with latency less than 2ms between DC & proposed near site location from Links service provider 1. Alternatively if the dedicated Fiber is not available the SP shall mention the alternative link proposed by them with 1Gbps bandwidth and less than 2ms latency.		SP to mention in the comment the type and Bandwidth of the links being provided
45	SP shall provide the termination of dedicated 1Gbps fiber link on FC/IP router with 1Gbps Ethernet port (1000 Base Tx).		
46	Redundant Dedicated Fiber - 1Gbps with latency less than 2ms between DC & proposed near site location from Links service provider 2. Alternatively if the dedicated Fiber is not available the SP shall mention the alternative link proposed by them with 1Gbps bandwidth and less than 2ms latency.		SP to mention in the comment the type and Bandwidth of the links being provided
47	SP shall provide the termination of redundant dedicated 1Gbps fiber link on FC/IP router with 1Gbps Ethernet port (1000 Base Tx)		

48	Leased line link between DC and proposed Nearsite of 2Mbps from Link service provider 1		
49	Redundant Leased line link between the Bank's DC and proposed Nearsite of 2Mbps from Link service provider 2		
SL.No.	Technical requirement	Compliance (Yes / No)	SP's comments
50	Leased line link between proposed Nearsite and Bank's DR site of 2Mbps from Link service provider 1 with Bandwidth on Demand facility from 2 Mbps to 100Mbps		SP to also mention the name of the links service provider
51	Redundant Leased line link between between proposed Nearsite and Bank's DR site of 2Mbps from Link service provider 2. with Bandwidth on Demand facility from 2 Mbps to 100Mbps		SP to also mention the name of the links service provider
52	The Optional seating area provided to the Bank shall have the network connection facility available between the seating area and the Bank's caged Area		
53	The network link required between seating area and Bank's server caged area shall be provided within 2 hours of such request from the Bank		

ANNEXURE – 1 Clarification / Bank’s Response to the bidders’ queries

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
1	15	5.1.2.2	However, should there be requirement of additional space in the future the SP should be able to provide the same on the prorated per square feet cost within the same facility.	Would request bank to give tentative idea of additional space requirement for future. So that space can be kept reserve for bank to avoid scarcity of space in future.	The future requirement cannot be estimated at this moment. For this purpose Bank has provided flexibility to the bidder/s that such requirement if any in future need not be provided in the same server cage area.
2	18	5.1.6.2	SP shall provide the link monitoring facility to the Bank which will enable the Bank to monitor the links in real-time from their Data Center. Bank should be able to monitor following parameters: a) Link Latency b) Bandwidth utilization c) Packet loss	Would request bank to confirm if the monitoring setup needs to be done using dedicated out of band management circuit.	The requirement is clearly provided in the RFP clause 5.1.6.2. The vendors have to adhere to the requirement with the best suited solution for the requirement.

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
3	18	5.1.6.3	The above parameters are minimum requirement. The monitoring facility shall provide other link related monitoring parameters that may be necessary and required by the Bank.	would request bank to confirm the additional parameters that need to be monitored	This clause intends to cover all the other monitoring parameters that may be required to monitor the SLA.
4	19	5.1.8.2	In such situation SP is also required to provide the network connectivity from the seating space provided by the SP to the Bank's server caged area. The SP should have the facility available for the network connectivity in such way that the SP should be able to provide the seating space and the network connectivity between the seating area and the Bank's	1) Would request bank to provide 1 business day instead of 2 hours notification for the arrangement of seating space.	This would be more applicable in a Disaster Situation. During Disaster Situation, time is key factor to the Bank and hence SP is required to provide the seating space and network connectivity between seating space and Server cage area within 2 hours of Bank raising such requirement with SP.
				2) How many LAN terminals required in such situation?	Three to Five LAN terminals would be required in such situation

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
			server caged area within 2 hours of Bank raising such requirement with the SP.		
5	18	5.1.6.5	SP should provide the link performance report to the Bank on monthly basis. The SP shall provide the on-demand links between Near Site & DR during DR Failover or DR drill. Minimum will be 2 Mbps and Maximum will be 100Mbps. The SP should be able to provide the desired bandwidth within 60 minutes from such request made by the Bank by email / letter / phone call by Bank authorized personnel.	Would request bank to confirm the requirement of on-demand link bandwidth	During the Disaster situation / DR Drill the large volume of data is expected to be transferred from Nearsite to Bank's DR site. To speed up the process of this data transfer Bank may require thick bandwidth between Nearsite & DR site. During such time the SP should be able to increase the existing 2 Mbps to 100 Mbps, on demand. This requirement would arise only during Disaster or DR drill, at other time this link will be 2Mbps.

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders		
6	46	2	Clear space of 250Sq ft. to accommodate Bank's 4 numbers of 42u racks of approximate dimension (Width of 3Ft. X Depth of 4 Ft.). Layout of proposed space to be provided.	<p>1) Is 250Sqft & 100Sqft is current requirement of bank.</p> <p>2) Is any of the caged area required in MMR or adjacent to each other? Please clarify the purpose of both the areas.</p> <p>3) Will bank bring their own racks or SP has to provide?</p>	<p>1) Banks current requirement is 250Sq.Ft which shall accommodate Bank's 4 numbers of 42u racks of approximate dimension (Width of 3Ft. X Depth of 4 Ft.). Point no. 15 shall now read "Proposed SQUARE FOOT Caged area is 250 sq. feet. And will easily accommodate 4 racks (42U - 3ft X 4 ftX 7 ft).</p> <p>2) Caging is required only in the server farm area.</p> <p>3) Bank will bring in their own racks. SP is not expected to provide the racks.</p>		
		15	Proposed SQUARE FOOT Caged area is 100 sq. feet. And will easily accommodate 3racks (42U - 3ft X 4 ftX 7 ft)			7	48
7	48	44	Dedicated Fiber - 2Gbps with latency less than 2ms between DC & proposed near site location from Links service provider 1. Alternatively if the dedicated Fiber is	Would Request Bank to confirm the need for 2Gbps bandwidth, as there is another requirement of 2Mbps leased line between the DC and Near Site.	The Bandwidth requirement is revised to 1 Gbps. Please refer Revised Annexure-8 attached herein. The link will be dedicatedly used for the synchronous replication between Nearsite & DC site. The 2 Mbps Leased line link will be used for management purpose,		

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
			not available the SP shall mention the alternative link proposed by them with 2Gbps bandwidth and less than 2ms latency.		like accessing the servers/ storage located at Near site.
8	48	45	Redundant Dedicated Fiber - 2Gbps with latency less than 2ms between DC & proposed near site location from Links service provider 2. Alternatively if the dedicated Fiber is not available the SP shall mention the alternative link proposed by them with 2Gbps bandwidth and less than 2ms latency.	In addition to the query raised above against point 44, Would request bank to confirm who will be responsible for liaisoning with the alternate SP for the connectivity.	The vendor will be responsible for providing both the Primary and alternate links and will be responsible for liaisoning with both the link service providers and also be responsible for service levels. The Bandwidth requirement is revised to 1 Gbps. Please refer Revised Annexure-8 attached herein
9	48	46	Leased line link between DC and proposed Nearsite of 2Mbps from Link service provider 1	Request bank to confirm the interface type that is required for the leased line (Ethernet/V.35)	The interface type required for leased line is V.35

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
10	48	47	Redundant Leased line link between the Bank's DC and proposed Nearsite of 2Mbps from Link service provider 2	Would request bank to confirm who will be responsible for liaisoning with the alternate SP for the connectivity.	The vendor will be responsible for providing both the Primary and alternate links and will be responsible for liaisoning with both the link service providers.
11	48	50	The Optional seating area provided to the Bank shall have the network connection facility available between the seating area and the Bank's caged Area	Would request bank to confirm whether the connectivity is required to access server LAN or internet.	The connectivity is required to access server LAN only. This would be separate LAN for the Bank to access servers and it should be in separate zone/VLAN.
12	54	Annexure-5	Operating for a minimum period of 3 yrs.	Please clarify, whether the SP should have experience of DC hosting services for 3 years or should the DC site proposed should be operational for 3 years.	This is the operating period of the Company and not the proposed DC site.
13	57	8	Typical Resolution Time k. Links between DC & Nearsite. l. Links between NS & DR • <i>During business hours - Within 10 minutes</i> • <i>Non - business</i>	Request bank to confirm on the Resolution time	The resolution time remains unaltered.

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
			<i>hours - Within 2 hours or earlier</i>		
14	58	I	Links between DC-NS & NS -DR Availability of links 99.99%	Would request bank to confirm if the uptime is for individual links, or the combined uptime of primary and secondary links	This is for individual links
15	64	I	m. Links between DC & Nearsite. n. Links between NS & DR during DR drill / DR failover • During business hours - Within 10 minutes • Non - business hours - Within 1 hours or earlier as per business hours if business hours begin	Request bank to confirm on the Resolution time	The resolution time remains unaltered.
16	65	II	Links between NS & DR • During business hours - Within 30 minutes • Non - business hours - Within 4 hours or earlier as per business hours if business hours begin	Request bank to confirm on the Resolution time	The resolution time remains unaltered.

Sr. No	Page #	Point/Section#	Clarification Point as stated in the tender document	Comment/Suggestion/Deviation	Bank's response / Information to the bidders
17	66	IV	Links between DC – NS (only fiber of alternative data link) Latency at all the times Less than 1millisecond	Would request bank to confirm the latency requirement	Links between DC – NS (only fiber) Latency at all the times Less than 2millisecond
18	14	4.3	Project Timelines	Does Installation of 2 Gbps circuits (primary & secondary from some other SP) & 2 Mbps Leased Lines (Primary & Secondary from other SP) between DC & Near Site, Near Site & DR include in the 8 Weeks time frame we are talking about.	Yes all the links should be made available within the Project timelines specified in the RFP. Please refer the revised Annexure-8 for Bandwidth revision to 1 Gbps.
19	46	Annexure 1 Point 44	Dedicated Fiber - 2Gbps with latency less than 2ms between DC & proposed near site location from Links service provider 1. Alternatively if the dedicated Fiber is not available the SP shall mention the alternative link proposed by them with 2Gbps bandwidth and less than 2ms latency.	<p>Query on Latency : How is Bank going to Test the Latency for this Link , at what Load conditions (50 % Load , 70 % load or full Load) for which the latency will be checked. Can there be any Deviation in Latency? Can it be less than 5 ms</p> <p>Query on Bandwidth: Is service Provider open to Propose 1Gbps * 2 Links rather than single 2 Gbps Link.</p>	<p>Query on Latency: The monitoring tools provided by the vendor should be able to measure the latency of the link/s. Irrespective of the load conditions the latency at any given point in time should be less than 2 milliseconds. There cannot be any Deviation in Latency.</p> <p>Query on Bandwidth: Please refer the revised Annexure-8 for the Bandwidth revision.</p>

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20	18	5.1.6	SP shall provide the link monitoring facility to the Bank which will enable the Bank to monitor the links in real-time from their Data Center	Query: This clause is applicable for the Primary Link? Or it is applicable for the secondary Link as well which has been procured from the second Service Provider.	The link monitoring facility should provide link monitoring of all the links provided as the part of this RFP, which also includes the secondary links.
21	18	5.1.6.5	SP should provide the link performance report to the Bank on monthly basis. The SP shall provide the on-demand links between Near Site & DR during DR Failover or DR drill. Minimum will be 2 Mbps and Maximum will be 100Mbps. The SP should be able to provide the desired bandwidth within 60minutes from such request made by the Bank by email / letter / phone call by Bank authorized personnel	Query: Can this time line increased to 180 minutes & what will be the Duration of this DR Drill (in hrs) & how many DR Drill bank Plans to conduct in a Year.	No this time line cannot be increased. Bank plans to conduct one DR drill in a quarter. However, the SPs should also understand that the failovers cannot be predicted.

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21	54		Must be net profit making entity continuously for the last three years, that is financial years – 2007-08 and 2008-09, 2009-10 (Provisional)	Can this Clause be relaxed?	No the eligibility criteria cannot be relaxed.
22	16	5.1.2.7	The SP shall provide adequate power points in the Server cage area allocated to the Bank. Power of 12 KVA (rated power) will be required to the server room. Out of which 6KVA will be of Single Phase & 6 KVA will be of 3-Phase.	What is the exact power Requirement , are we talking of 12 KVA Power to be distributed within 4 Racks or Banks required some specific Dedicated Power per Rack i.e. 3 KVA or 6 KVA per Rack	The total rated power required for the equipments to be co-hosted for near site purpose will be 12KVA. The equipments will be installed in 4 separate racks. The power distribution, rack wise will be provided to the successful bidder.
23	19	5.1.7.3	SP should respond to such requests immediately within 10 minutes from the receipt of such request. SP to log such request events and provide to the Bank as the part of monthly report.	Can the Time lines be Regular Office Hours / Off Office hours : 1 Hrs & for Emergency : 30 minutes	Service provider (vendor) should stick to the response time provided in the RFP.

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24	19	5.1.8.1 & 2	During the emergency situation Bank may require the seating space at the Nearsite. Bank anticipates the seating space for 3 Bank appointed personnel. The SP should have the facility available for the network connectivity in such way that the SP should be able to provide the seating space and the network connectivity between the seating area and the Bank's server caged area within 2 hours of Bank raising such requirement with the SP	Does Bank require sitting Space on Demand ie only during Emergency or wants it throughout the Year and the required connectivity from the sitting Space to Co IO Area within 2 Hrs , if yes how many incidences(can be there in a year and what will be rough duration of each incidence (in hrs)	Yes, Bank require sitting Space on Demand i.e. only during Emergency, clearly mentioned in the RFP the required connectivity from the sitting Space to servers Area should be provided within 2 Hrs. The number of incidences cannot be predicted and thus vendors have been asked to provide per day cost.
25	73	Appendix1 Form 02 – Link charges, SL. No. 1 & 2	The quantities for Fiber links in Year 1 for Datacenter - Near site Qty 2 & Datacenter - Near Site (Bank's information to the vendors	The vendors should refer to revised Appendix1 Form 02: Masked Commercial Bid (Without commercials)

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			different service provider) Qty 2		
26	72	Appendix1 Form 02, Point no. 9 of Note.	The price quoted by the service provider shall be all inclusive, that is inclusive of all taxes and levies, excluding service tax (and applicable levies on service tax like education cess, etc) as applicable, which will be paid by the bank.	Bank's information to the bidders	Shall now be read as "The price quoted by the service provider shall be inclusive of all taxes and levies; excluding Octroi (if applicable) and Service Tax (and applicable levies on service tax like education cess, etc) which will be paid at actual."
					SP shall be required to provide 2 numbers of 1Gbps fiber connections from two different link service provider i.e 1 X 1Gbps from 1 link service provider and 1 X 1Gbps from another link service provider. Please refer to Revised Annexure 8: Bandwidth Requirement Details attached and necessary changes incorporated in Revised Appendix1 Form 02: Masked Commercial Bid (Without commercials)

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					Revised Annexure -1: Service Provider's Compliance to Technical requirement of Near site
				What would be the interface link for 1Gbps fiber between Bank's DC & Nearsite	The interface would be 1000 BaseTx (1Gbps on Copper). The vendor is expected to provide the FC to Ethernet (copper) media converter at both the ends (DC & Nearsite) for both Primary link and secondary link. The cost of converter/s to be included in One time implementation cost for Fiber connections

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