

## Corrigendum to RFP for DC Renovation and Shifting

Particulars	Existing	Proposed
Last date and time for sale of Bidding Documents	21/07/2014 18:00 hrs	30/07/2014 18:00 hrs
Last date and time for receipt of Bidding Documents	21/07/2014 18:00 hrs	30/07/2014 18:00 hrs
Date and Time of Technical Bid Opening	22/07/2014 12:00 hrs	31/07/2014 12:00 hrs

Corrigendum to RFP for DC Renovation and Shifting			
Page No. Clause No/Heading	Existing RFP Clause		Amended Clause
15&16, 13, Implementation Schedule	Billing cycle will commence after successful completion of acceptance testing for all locations.		Billing cycle for Annual Maintenance Support Charges will commence after satisfactory handover to the Bank.
15&16, 13, Implementation Schedule	The Bidder shall be responsible for delivery and installation of the ordered item(s) at the site and for making them fully operational at no extra charge within 6-10 weeks of the date of purchase order.		The Bidder shall be responsible for door delivery and successful installation of the ordered item(s) at the specified address to the satisfaction of the Bank and for making them fully operational at no extra charge within <b>a period of 12 weeks from</b> the date of work order.
	Bidder to implement the solution within TEN WEEKS FROM THE DATE OF WORK ORDER.		Bidder to implement the project within <b>TWELVE WEEKS FROM THE DATE OF WORK ORDER.</b>
	Project Completion period at DC , New Delhi i.e. installation, commissioning, integration, testing	6-10 weeks	Project implementation includes installation, commissioning

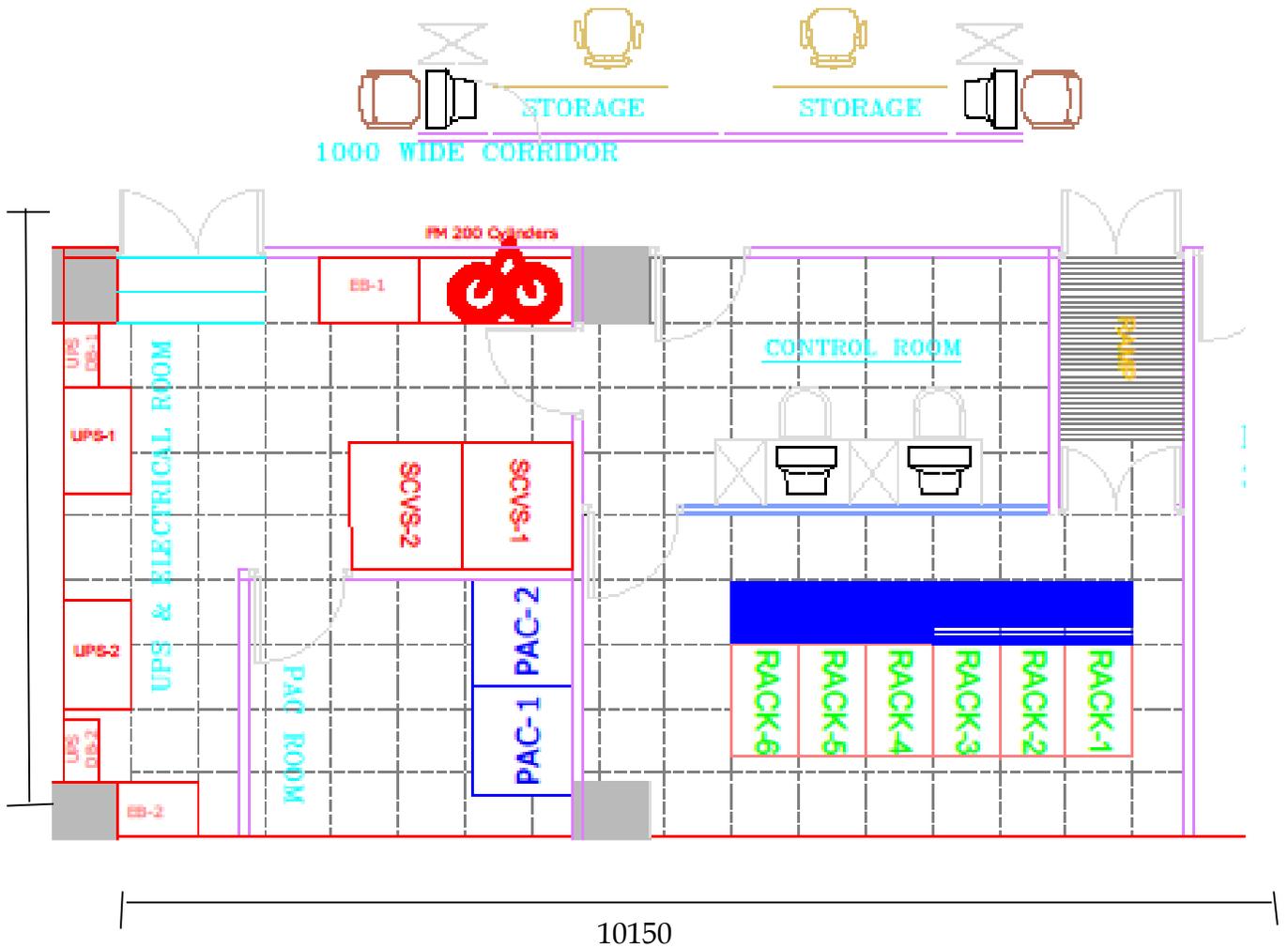
Page Clause Heading	No. No/ No.	Existing RFP Clause	Amended Clause
		g, integration, testing etc.	WORK ORDER
80, Appendix D , H , Civil Work		NHB will take care the required furnishing, Networking I/O, UPS power socket, seat arrangement etc for NOC room.	Providing cabling infrastructure, ducting, other related miscellaneous work in the DC & NOC will be the responsibility of the Bidder.
25, G.1 , Scope of work		Bidder will be responsible for proactively monitor the overall health of the solution during first 2 months of implementing the solution at Delhi. The associated engineer is required to visit onsite on fortnightly basis to proactively check any cracks in DC infrastructure and its capability. Bidder shall be responsible for arranging for resolution of issues, if any, during the five years of AMC.	Bidder will be responsible for proactively monitoring the overall issues related to the project. Suitable qualified person need to be deployed as & when required by the Bank for periodical checking & monitoring.( at least monthly once).
69, Appendix D , b, Cooling Solution for Server Room, A.3		System capacity- Aprox 7 Tr	System capacity- 7 Tr & above
80, Appendix D , g, Electrical Panel and Distribution		Since NHB is facing the issue with input voltage variation bidder need to provide two set of air cooled SCVS (Servo Control Voltage Stabilizer) with suitable capacity and proper input/output range to take care the seamless operation for UPS systems and PAC systems during low or high voltage situation.	Bidder need to provide two sets of SCVS (Servo Control Voltage Stabilizer) with suitable capacity and proper input/output range to provide seamless operation (Tier III) for UPS systems and PAC systems and other DCIM integrated equipment.
27, 30,44,49 & 53  H.2 , H.4 , Annexure I , Annexure V & Annexure VII		In case, the company/bidder does not have the approved Balance Sheet for period ending March 2014, provisional balance sheet certified by their Statutory Auditors will be acceptable.	If approved Balance sheet as at 31-03-2014 of the bidder is not available, the bidder needs to furnish the CA certificate for its networth /turnover/profitability, as on the date.
77, Appendix D e. S&EMU		Bidder need to consider APC Make 3 set of new camera pod (for DC) along	5 surveillance camera pods for the identified locations

Page Clause No/ Heading	Existing RFP Clause	Amended Clause
(Security & Environmental Monitoring Unit) with accessories	with dual temp and humidity sensors for each rack (Old & New racks).	along with temperature and humidity sensors for each server and network racks need to be provided by the bidder.
78, Appendix D , f. Data Center Infrastructure Management Software with accessories	Make : APC  APC Make, scalable monitoring system	Make : APC or equivalent acceptable to the Bank.
Fire suppressant	FM 200	NOVEC 1230 or higher
Marks Distribution Table	Turnover/income for Last 3 years from DC projects only (Financial years ending March 2014,2013,2012)**	Average Turnover/income for Last 3 years from DC projects only ie. For the Financial years as on 31 <sup>st</sup> March 2014,2013,2012**

<b>Addendum to RFP for DC Renovation and Shifting</b>	
86,Appendix D , o , Network Distribution System :	The bidder will provide following:  Network cables (CAT 6) must be routed beneath the raised floor through cable raceways. Inter rack cabling must be done using fibre cables. All network and power cabling inside the data centre area (server room, control room, electric room etc.) will be carried out by the bidder.  Network devices viz., switches , patch panels, fibre cables, fibre panels and routers will be provided by the Bank.
87 , Appendix E, g.	Portable fire extinguishers will be provided by the Bank. Bidder has to provision for placing the devices appropriately.

**Clarifications:** On site Support: On call basis based on the requirement.

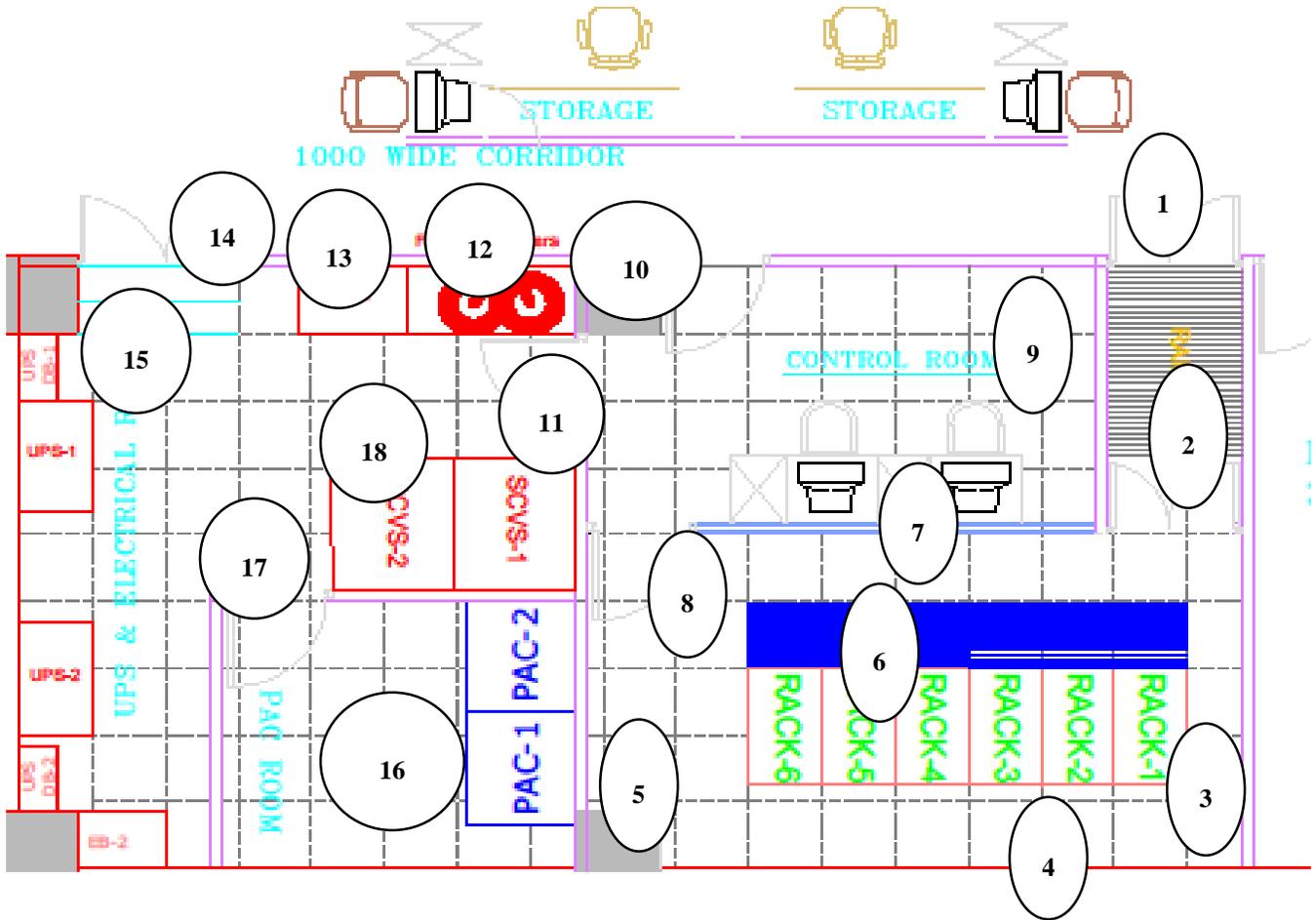
**Appendix-B  
Proposed DC area with dimension**



Sl No	Description	Area in mm/Sqmtr
1.	Total area	10150x5500 (LxB) = 54.41 Sqmtr (Approx.)
2.	DC area	19.80 Sqmtr
3.	Electrical room	17.30 Sqmtr
4.	PAC room	7.7 Sqmtr
5.	Control Room	9.61 Sqmtr
6.	Emergency door size	2.7 Sqmtr

7.	Entry door size	2.0 Sqmtr
8.	True floor to true ceiling	3530 mm
9.	True floor to false floor	450 mm
10.	True ceiling to false ceiling	600 mm
11.	False floor to false ceiling	2830 mm

**Appendix-C  
Proposed DC Area specification**



Point No	Description	Configuration
	Ceiling	Thermal and vapour insulation treatment with Aluminum Foil
	Flooring	Thermal and vapour insulation treatment with Aluminum Foil

	False ceiling	2x2 Perforated metallic tiles fire rated with acoustic treatment , Perforated pin hole Metallic Ceiling Tile with Fleece
	False Floor	2x2 tiles chipboard ( Aluminum Foiled) fire rated
1.	Emergency door	Steel doors 2Hrs Fire rated
2.	Ramp	Fire rated chipboard and steel structure to support rack load.
3.	Asbestos Panel wth steel tube construction.	Wall panels shall be thermal and vapor resistant ( Aluminum Foil) with 2 hrs fire rating capability.
4.	Glass windows	To be covered with bison panel
5.	Partition	Opaque 2 hr fire rated
6.	Air Grills	Minimum 60% open steel including volume control damper, construction to match with floor/Ceiling pattern
7.	Half height partition	Partition with fire rated glass
8.	DC door	Two hour fire rated Opaque door with see through panel
9.	Staging area	As above
10.	Main entry	Two Hour Fire rated Steel door
11.	Electrical room entry	Two Hour Fire rated Opaque door with see through panel
12.	Novec 1230	Fire panel and cylinders as per site requirement.
13.	Water inlet/ outlet	Two outlet and one inlet termination points
14.	Electrical room emergency exit	Two Hour Fire Rated Steel door
15.	Electrical equipment	UPS (3), DBs, ATS devices
16.	PAC units	7 TR (Min) x 2
17.	PAC room entry	Two Hour fire rated Opaque door with see through panel
18.	Servo stabilisers	Two nos with <b>Rolling Contact Mechanism Technology</b> with Carbon Roller Assembly and linearly variable continuous Voltage regulator, efficiency should be > 99%.
19.	Others	Construction in such a manner that it will give a faraday cage mechanism effect within the DC area.

		Bidder will make provision for Body static discharge while entering in DC.
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Annexure IX, Table A will be read as follows:

Sl No	Item#	Qty.	Make/Model / S.No	Unit Price	Total Cost /Net Value
1.	Civil work/Electrical work/Plumbing Work including fire rated partitions, thermal and vapour insulation etc. Pl provide the break up in separate annexure	As provided by the Bidder in BOM			
2.	42 U Network Rack	02			
3.	24 U rack	01			
4.	12U Rack	02			
5.	Power Distribution Units (PDU)	10			
6.	PDU with Indian socket	2			
7.	Cameras	5			
8.	Temperature Sensors	03			
9.	Net Precision Air Conditioners (PAC) price (W = T-V)				
	Precision Air Condition Solution offered (T)	2			
	Buy Back price for old PAC System (V)	2			
10.	Rodent Repellants	4			
11.	SCVS	2			
12.	Fire Suppression System NOVEC 1230 or Higher	2			
13.	DCIM Solution with GPRS solution	1			
14.	VESDA	1 Set for DC			
15.	WLD	1 unit			
16.	Other HW such as electrical cabling , sockets , LED lights ,				

	<b>Emergency Lights etc. (As defined under scope of RFP) , Pl provide the detail in separate annexure</b>				
<b>17.</b>	<b>Total Cost (A)</b>				
<b>18.</b>	<b>Total Net Value (A') for Commercial evaluation(A'=A)</b>				