

ANNEXURE B: COLOCATION DIMENSIONAL REQUIREMENTS

Supplier provided services	Unit of Measure	Year 1	Year 2	Year 3	Year 4	Year 5	Specification reference
		Baseline quantity	Baseline quantity	Baseline quantity	Baseline quantity	Baseline quantity	
Floor space: for racks (42U) (excluding power)	per rack	20	22	24	24	24	2
Racks cost (42U)	per rack	20	22	22	22	24	2.2.3
Additional cost per aisle (specify)	per aisle	4	4	4	4	4	2.2.4.1
Facility power per KWh (<i>assume average 8.4 kWh/rack+50% safety margin</i>)	kWH	252	277	302	302	302	2.2.5
Airconditioning (per kBTU)	kBTU	860	946	1,032	1,032	1,032	2.2.6
Additional HVAC cost (facility)	total additional cost	1	1	1	1	1	2.2.6
Security services (physical, biometrics, monitoring, cameras, equipment)	total additional cost	1	1	1	1	1	2.2.7
Spares room (minimum 12 sqm): optional	per room	1	1	1	1	1	2.2.2.6
Workspace: workstations+ furniture+ plugs	per workstation	4	5	5	5	6	2.2.2.7
Parking (per bay)	per bay	4	4	4	4	4	2.2.2.3
Disaster recovery: per Integrity test	per test	10	10	10	10	10	2.2.9
Disaster recovery: per Major DR test as per DR plan	per test	2	2	2	2	2	2.2.9
Disaster recovery : connectivity for 1+1 GBPs DWDM links: <i>Link to DR site (Queens DBN) to be provided by Transnet</i>	per 1 GBPs link	2	2	2	2	2	2.2.8
UPS (48V DC) per kWh (60 min backup)	per kWh	252	277	302	302	302	2.2.5.5
Generator (fueled for minimum 200 KW backup power) per hour	per hour	48	48	48	48	48	2.2.5.10
Backup generator (per hour): optional	per hour	24	24	24	24	24	2.2.5.10

**ADDITIONAL INFORMATION
REQUIRED**

Passthrough charges as applicable (i.e. Hardware maintenance, software maintenance, acquisition costs Third party provided services, others...)	Unit of Measure					
		Baseline quantity	Baseline quantity	Baseline quantity	Baseline quantity	Baseline quantity
Hardware Maintenance						
Software Maintenance						
Spares holding						
Asset register (of MEP (mechanical, electrical, plumbing etc)						
Third Party services (e.g. security, cleaning, electrical, HVAC, wiring, water-leak detection, lightning protection, rest rooms)						
[list any other pass-throughs]						
[list any other pass-throughs]						
[list any other pass-throughs]						
Data center qualified specialists: MEP, etc. rate per hour	per hour	100	110	121	133.1	146.41
[list any other DC resource costs]	To be specified					
[list any other DC material costs]	To be specified					