OCP Ready COLO Facility Assessment	*PDG MU1*		
Self Assessment Status:	COMPLETE-MEETS REQUIREMENTS		
Data Center Location Name	**PDG MU1**		
Data Center Location Address	BUILDING 10, GIGAPLEX, AIROLI WEST, NAVI MUMBAI		
Site Description: White Space Area	54m x 23.4m ~1264sqm		
Site Description: Critical IT Power	FLOOR 1 - 4MW; OVERALL BUILDING - 24MW		
Site Description: Network Provider Availability	Network provider's trenches available till site location of all leading network providers, dedicated trenches inside premises		
Site Description: Facility Features	2nos Passenger lifts 2nos Freight lifts 3nos staircases Each floor designed upto 5MW IT Capacity		
Site Description: Other Services	4point entry to Datahall Dedicated access road and parkings Office and conference rooms Dedicated CCTV Monitoring room Cafeteria		
Date Original Assessment is Completed	18-Oct-2022		
Re-Assessment Date:			
REQUIREMENTS - Attribute (Must have an Optimum or Acceptable result)	**Parameter**	**Result**	**Notes**
ACCESS			
Building Access	1. Loading dock with lift or leveler	Optimum	
Delivery pathway, Loading dock to Goods in	1. ≥2.7m (108in) H x ≥2.4m (96in) W x ≥2.4m (96in) D unobstructed access and threshold free	Optimum	
Delivery pathway, Goods in to White space	1. ≥2.4m (96in) H x ≥1.8m (72in) W unobstructed access and threshold free	Optimum	
Corridor floor rolling load	1. ≥680kg (1500lb) (6.67kN)	Optimum	Static load / equipment movement load - 1750kg
Unboxing/pre-staging/storage area floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	Optimum	1750kg/SQM
Unboxing/pre-staging/storage area floor concentrated load	2. ≥567kg (1250lb) (5.56kN)	Acceptable	650kg
RAMPS			
Gradient	1. Not Applicable - No Ramps Required	Optimum	
Width	1. Not Applicable - No Ramps Required	Optimum	
Landing area	1. Not Applicable - No Ramps Required	Optimum	
Railings	1. Not Applicable - No Railings Required	Optimum	
LIFTS / ELEVATORS			
Weight loading	1. ≥1500kg (3300lbs)	Optimum	3000kg - 2nos
Door height	1. ≥2.4m (96in) Lift /Elevator door opening height (not internal cabin)	Optimum	3.0m
Width	1. ≥1.5m (60in) Unobstructed door opening width	Optimum	2.5m
Depth	1. ≥1.5m (60in) Unobstructed cabin depth	Optimum	3.6m
WHITE SPACE			
Floor rolling load	1. ≥680kg (1500lb) (6.67kN)	Optimum	Static load / equipment movement load - 3000kg
Floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	Optimum	3000kg/SQM
Floor concentrated load	2. ≥567kg (1250lb) (5.56kN)	Acceptable	Designed with 650kg
Finished floor to ceiling height	1. ≥4.5m (180in)	Optimum	Slab to slab height- 6.3m; Finished floor to bottom of the beam (clear height) - 5.5m
Access floor clearance	1. ≥900mm (36in) (if used for cooling)	Optimum	>1500mm
ELECTRICAL			
Number of independent circuits to the rack	1. 2N (A+B)	Optimum	
Maximum circuit capacity	1. 3ϕ 32A/230V	Optimum	230V. 3ph circuit shall be provided upon request / requirements
Circuit voltage	1. 400/230 VAC nominal	Optimum	
Circuit frequency	1. 47-63 Hz	Optimum	50Hz
Power receptacle / WIP Type	1. IEC60309 532R6W	Optimum	
Circuit receptacle location	2. Underfloor	Acceptable	
Upstream UPS options	1. UPS and non UPS feeds available	Optimum	UPS feeds available in Data hall. Non-UPS feed can be provided on need basis
Rack-based batteries permitted	1. Allowed	Optimum	
Generator load acceptance time	1. <60 seconds	Optimum	30sec

COOLING			
Rack airflow direction	1. Front to Back	**Optimum**	
Air containment methods	2. Hot/Cold aisle containment for all cabinets in white space	**Acceptable**	Cold aisle containment provided
Maximum rack density	1. ≥12kw	**Optimum**	Can accommodate up to 15kW rack
Minimum cold aisle width	2. ≥1200mm (48in)	**Acceptable**	CAC width 1200mm
Minimum free width cold aisle (Inside cage)	1. ≥1200mm (48in)	**Optimum**	1200mm
Minimum hot aisle width	1. ≥1200mm (48in)	**Optimum**	1200mm
Inlet air conditions	1. ASHRAE Class A1 Allowable	**Optimum**	
Air quality	2. Other (Notes required)	**Acceptable**	Indoor air quality (IAQ) as per ASHRAE standard 62.1-2016
Temperature rise	1. ≥12 Deg C DeltaT	**Optimum**	
Cabinet blanking of open space	1. Mandatory	**Optimum**	
CABLING			
Cabling infrastructure pathways	1. Top and Front of rack fed	**Optimum**	
Overhead Network Infrastructure containment levels	1. 3 Levels (Intra-Pod cabling; Inter-Pod cabling; OOB cabling)	**Optimum**	
Fibre Type (if installed)	2. Installed Per Customer Requirements	**Acceptable**	
Fibre connection presentation (if installed)	2. Installed Per Customer Requirements	**Acceptable**	
CONSIDERATIONS (For information only)	**Parameter**	**Result**	**Notes**
SERVICE			
Replacement PSU Modules	2. Other (Notes required)	**Acceptable**	PDG does not stock customer hardware components. Secure storage is available for customers to store their replacement parts.
Replacement BBU Modules	2. Other (Notes required)	**Acceptable**	PDG does not stock customer hardware components. Secure storage is available for customers to store their replacement parts.
Option to monitor PSUs and BBUs	2. No	**Acceptable**	PDG can facilitate third party local support for these activities.
Remote hands for PSU and BBU replacement or expansion	2. No	**Acceptable**	PDG can facilitate third party local support for these activities.
Remote hands for OCP IT hardware replacement or expansion	2. No	**Acceptable**	PDG can facilitate third party local support for these activities.
EFFICIENCY			
Site Operations Standards	1. OCP Critical Facility Operations Guidelines	**Optimum**	
Site PUE Monitoring	1. Continuously monitored	**Optimum**	
Site Design PUE	2. <1.5	**Acceptable**	
Site Annualized PUE Current Achievement	2. Other (Notes required)	**Acceptable**	Site yet to be operational
Site WUE Monitoring	2. Other (Notes required)	**Acceptable**	Not applicable as the site is designed with Air cooled chiller
Site CUE Monitoring	1. Continuously monitored	**Optimum**	
OPENNESS			
PUE Published	2. Available upon request	**Acceptable**	
Facility Design Drawings & Files	2. Available to view upon request	**Acceptable**	