

Maldives Immigration - HDI & DC Facility	
LOT 2	1
1 HUAWEI Fusion Module 800 Integrated Data Center with Installation and	
IT Load	10kVA of IT Load (Proposed Solution Includes 84U(2 x 42U Rack) Empty Rack Units to Utilize IT Load Equipments including Server,Storage,Network Equipments, Etc)
UPS	Capacity - 2 x 20kVA (HUAWEI UPS2000G) Backup Time- 2 Hours for 10kVA IT Load Configuration- N+1 Setup (20kVA + 20kVA) mounted as part of the integrated Data center
Cooling	Maintenance Bypass- Standard Cooling Mode-Direct Expansion Air Cooled Installation-Rack Mounted (as part of the integrated Data center) Outdoor Units - Wall Mountable or Floor Stand Proposed Solution will be Configured N+1 Active-Standby Setup for Redundancy
PDU	2 (Two) HUAWEI PDU2000 Rack PDU for each Cabinet with Redundancy
Monitoring	IP based Centralized Monitoring - Included Support SNMP Communication -Included Included Environmental Controls:- Smoke Detector,Water Leak Detector, Temperature/Humidity Detector, Door Sensor ,CCTV Camera and Door Mounted Tablet.
Access Control	Biometric Access Control System with- IP Based Access Control Configurable for User Defined Access
Others	Proposed Solution Includes :- *Power Cabeling from DB to Integrated Data Center including any Other Components required for the Installation,(eg,ELCB,MCB Circuit Breakers etc)

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1	DELLEMC VXRAIL E560 4 Node Cluster	VxRail E560 - Hyper Converget Infrastructure (HCI) Servers 4 (Four) Nodes	
	Type		
	<u>HCI Node Details</u>		
	Form Factor	1U Form Factor Nodes	
	Processor	Intel Xeon Gold 6230 2.1G, 20C/40T, 10.4GT/s, 27.5M Cache, Turbo, HT (125W) DDR4-2933	
	Memory	512 GB DDR4 Per Node (Total 3TB in a Cluster)	
	Storage	RAID Storage Controller Support with RAID 0,1,5,6 and 10 per Node and Supports Virtual Storage Technology	
	Connectivity	RAID 5 (6 x 2.4TB 10K RPM Hot-Plug SAS Drives for each Node SSD Storage Cache 2 x 400GB Drives for Each Node 4 x 10Gb/s SFP+ Connector with 10Gb/s Tranceives per Node <i>all required Cables SFP's are Included</i>	
	<u>HCI Software Stack</u>	Proposed Solution is 100% Based on VMware	
	Hypervisor License	Vmware vSphereEnterprise Plus License for 8 Sockets Included with Proposed Solution	
	Software Defined Storage	Vmware VSAN Technology License Required for this Upgrade is Bundled with Proposed Solution	
	VxRail Software	Required VxRail Software's Included (all Software's are Licensed with 3 Years Production Support Subscription)	
	Replicate	Proposed Solution Included Softwares and License Required for Replication Technology with Supports both Synchronous /Asynchronous Replication for Future DR Setup	
	<u>Dell EMC Integrated Data Protection Appliance (IDPA) DP4400</u>		
	DPAPPL_4400	ANCHOR DP APPLIANCE 4400	
	DP4400S_8TB_RJ458	IDPA DP4400S 8TB 8X10G	
	Dell EMC PowerProtect Software	8 x PowerProtect Software Socket per Cluster	
	3Yr ProSupport Mission Critical PowerProtect Software Support Contract-ACDTS		