GAAL
GATEWAY AIRPORTS AUTHORITY LIMITED
● GATEWAY TO THE REST OF AFRICA ●

BID CLARIFICATION: QUESTIONS AND ANSWERS

BID NUMBER   :   GAAL/108/2023/2024

DESCRIPTION   :   PROVISIONING OF DISASTER RECOVERY PLAN, DISASTER RECOVERY, BACKUP AND REPLICATION SOLUTION FOR A PERIOD OF THIRTY-SIX (36) MONTHS.

NO.	QUESTIONS	GAAL RESPONSES
1.	On the 11VM's mentioned. I assume all needs to be replicated for DR purposes. We require the following information: • vCPU's per VM • Mem per VM • Storage allocation per VM • What Applications are running on each VM and does these applications need to be backed up through the Veeam application 'agent'.	All 11 VM's must be replicated for DR purposes. • 4 vCPUs • Min 16GB – 32GB Max • Min 1TB- 4TB max The following applications are running on our VM: ☐ Sage Evolution, ☐ AD, ☐ DHCP, ☐ WSUS. and ☐ Veeam ☐ All applications must be backed up through Veeam Application

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	• What OS type and versions on VM's	☐ Operating System (OS) in use: Windows Server 2019 Standard (Version 1809) and Linux OS which is running VM Centre.
2.	From a Veeam perspective: • Do they make use of Veeam Orchestrator, and if not, can we propose this, since this will help with the DR Orchestration etc. • What Type of Veeam licensing are they currently using? ☐ Subscription ☐ Perpetual ☐ Rental	• We do not use Veeam Orchestrator, and bidders are welcome and encouraged to propose all effective solutions as we are open to all the best possible value for money solutions. • The Entity is using Perpetual Veeam licensing. • Perpetual Veeam licensing and the current subscription will end in March 2024. The appointed service provider that will be implementing the solution must renew the Veeam License on prem and procure new Veeam licenses for the DR site. (See below screenprint).

			License Sockets Instances **License Information** Status — Valid Type — Perpetual Edition — Enterprise Plus Support ID — 02412025 Licensed to — GATEWAY AIRPORTS AUTHORIT **Sockets** Package — Essentials Sockets — 6 (4 used) Support expiration date — 2024/04/22 (97 days left) **Instances** Instances — 6 (0 used) Expiration date — Never

3.	- Virtualization:
	  • What VMware version are they running?
	  • Is the DR requirement on private cloud?
		Below are the VMware Versions currently on prem:
		  • Client version:1.34.0
		  • Client build number:15603211
		  • ESXi version:7.0.0
		  • ESXi build number:15843807
		
		  • No, the requirement is for an onsite DR solution hence the request for a DR Site at a Tier 3 datacentre as per specification requirement (Provisioning of Disaster Recovery Plan, Disaster Recovery Site, Backup and Replication Solution).	

4.	POPI acts policy compliance and which level are you	In terms of legislative framework, The Entity's Policy mandates/oblige that Supply Chain Management system must be consistent with applicable and relevant acts, including POPI act. The entity subscribes and fully complies with the provision of the Act.
5.	Will you allow the datacenter to be hosted in Gauteng?	Any geographic location is acceptable if it meets the requirements of a Tier 3 datacenter.
6.	How much storage is used on the 50TB and projections on how much storage is remaining. Is the Entity using Veeam one tool?	34 TB is currently used, capacity fluctuates depending on the usage, therefore the appointed service provider must provide capacity for additional storage and power plugs suppose our ICT environment changes in the future. No, we are currently not using Veeam one tool hence we are not accurate with the projections.
7.	In relation to technical functionality criterion on Financial Viability – Bank rating codes differs from bank to bank.	Issued an erratum with changes on technical functionality criterion for financial viability – refer to attached erratum document.