CLARIFICATIONS

Contract title: *Development of a Dedicated Server for FUNAE's Data Repository*
Reference: MOZ22005-10438

N°	Issue / question raised	Response
1.	Can we suggest backup software to perform the backups? If so, will the backups be performed locally or to the cloud? If to the cloud, which service are you currently using?	Yes. Bidders may propose the backup software or tools they consider appropriate to implement the automated backup mechanisms required in the ToR. In accordance with the ToR, all licences necessary to fully operationalize the server environment, including any backup software licences, shall be included in the financial proposal. Backups shall be performed locally, as set out in the Backup Strategy of the ToR: SQL Server backups and copies of critical files to drive F:, with the offsite copy to external storage. FUNAE does not use a cloud backup service, and none is required.
2.	Can the VM specifications provided be used for individual VMs or for the entire system?	The specifications apply to a single dedicated Virtual Machine hosting the whole system (IIoS web application and SQL Server), as set out in the Technical Specifications of the Virtual Machine and the Disk Structure and Storage Allocation table of the ToR.
3.	The disks should not use any RAID system.	The ToR does not prescribe a specific RAID configuration. Bidders shall propose the disk configuration they consider appropriate to meet the ToR requirements for performance, data integrity and operational continuity, in line with good practice in the field, and shall describe it in their technical proposal.
4.	Should we provide a quote for external backup media, or do you already have them? If so, which ones are in use?	FUNAE does not currently have external backup media available for this solution. Bidders shall quote only the items specified in the ToR. These include the eight (8) internal SATA HDDs listed in the Disk Structure and Storage Allocation table, where the capacity "4GB/ea." is a typing error and shall read 4 TB each. No other external backup media shall be quoted.
5.	For RDP access, how many users will have access?	Administrative access only, by FUNAE's technical team, for up to five (5) administrators.
6.	Should we provide a quote for SQL Server licensing, or do you already have it?	Yes. FUNAE does not hold SQL Server licences. In accordance with the ToR, bidders shall include new SQL Server 2022 Standard (or higher) licences. Bidders shall indicate the proposed licensing model, as required in the ToR.
7.	Do you have any preferences regarding the server?	Bidders shall supply a new dedicated physical server with SSD disks as specified in the ToR, sized to run the Virtual Machine specified in the ToR.

		FUNAE has no specific brand preference. The proposed equipment shall be from a reputable manufacturer, suitable for enterprise use, supported in Mozambique or through an authorised regional support network, and covered by the manufacturer's standard warranty. Bidders shall clearly indicate the proposed brand, model, warranty period and applicable support arrangements in their proposal.
8.	The server should have one or two physical CPUs	The ToR does not prescribe the number of physical CPUs. The server shall provide sufficient processing capacity for the Virtual Machine specified in the ToR (minimum 6 vCPUs). Bidders shall indicate the proposed CPU configuration.
9.	1.Does FUNAE already have a physical server and an operational virtualization platform (VMware ESXi 6.7 or later) available to host the proposed Virtual Machine (VM)?	FUNAE has physical servers running VMware; however, this infrastructure has no spare capacity to host the Virtual Machine. In accordance with the ToR, bidders shall therefore supply a new dedicated physical server, with a licensed virtualization platform (VMware ESXi as specified in the ToR, or equivalent) and all licences necessary to fully operationalize the server environment, on which the Virtual Machine specified in the ToR will be configured. The server shall be dedicated exclusively to the repository and integrated into FUNAE's network, as required in the ToR.
10.	2. If the infrastructure is already available, will FUNAE provide the required computing resources, RAM, storage capacity, network connectivity, and access to the existing environment?	FUNAE has an existing VMware infrastructure, but it has no spare computing resources (CPU, RAM or storage) to host the Virtual Machine. The bidder shall therefore supply a dedicated physical server with all hardware and licences necessary to host the Virtual Machine specified in the ToR. In accordance with the ToR (Installation Access Requirements), FUNAE will provide the network connectivity and network information (assigned IP, subnet mask, gateway and DNS), the required access credentials, and coordinate access to its environment for the installation.
11.	3. Are the required software licenses, particularly Windows Server 2022 Standard and Microsoft SQL Server, already available, or should the bidder include the cost of new licenses in the financial proposal?	No. The bidder must include the cost of new licenses in the financial proposal.
12.	4. If the existing infrastructure is not available or does not meet the technical requirements, is the bidder expected to supply the necessary physical server	Yes, the bidder's proposal must include the provision of physical server hardware and all necessary virtualization licenses, operating systems, and other required items.

	hardware and virtualization licenses?	
13.	1.The Disk Structure table includes a line "8 Internal HD SATA HDD 4GB/ea". Please confirm: - whether the supply and installation of physical disks (and their capacity, e.g. 4 TB each) is part of the scope, or whether this line describes FUNAE's existing hardware; - if supply is required, the host or storage enclosure make and model, and the required disk type and interface.	Yes. The supply of the eight (8) drives listed in the Disk Structure and Storage Allocation table of the ToR is part of the scope. The capacity "4GB/ea." is a typing error and shall read 4 TB each. The scope is limited to the supply of the drives; their installation is not required, as they will be installed by FUNAE in its own existing equipment. As specified in the ToR, the drives shall be internal SATA HDDs, 4 TB each, desktop type (3.5"), SATA interface.
14.	2. Please provide details of the ESXi host on which the VM will be provisioned: - server model; - number of physical CPUs and total physical cores; - ESXi version and build; - whether it is managed by vCenter. Please also confirm that sufficient free CPU, RAM and datastore capacity (approx. 2.5 TB, including SSD for C:\ and D:\) is already available.	There is no existing ESXi host available for this VM, and FUNAE's existing infrastructure has no spare CPU, RAM or datastore capacity. The VM will be provisioned on the dedicated physical server to be supplied by the bidder, together with all licences necessary to fully operationalize the server environment, as required in the ToR. Bidders shall indicate in their technical proposal the proposed server model, number of physical CPUs and cores, RAM, storage configuration (including SSD for drives C:\ and D:, and the total capacity of approx. 2.5 TB specified in the ToR) and the virtualization platform and version (VMware ESXi as specified in the ToR, or equivalent). vCenter is not required.
15.	3. Please confirm whether the VM's virtual disks will be hosted on internal (local) disks in the ESXi host, or on external shared storage (SAN/NAS). If external storage is used, please provide: - the make and model of the storage array; - the connectivity type (Fibre Channel, iSCSI or NFS) and link speed; - the RAID level and disk types (SSD, SAS or SATA) for each tier; - the free usable capacity available on each tier, so that SSD and HDD can be assigned	The VM's virtual disks will be hosted on the internal (local) disks of the dedicated physical server to be supplied by the bidder. No external shared storage (SAN/NAS) will be used. The internal storage shall follow the Disk Structure and Storage Allocation table of the ToR: SSD for drives C:\ (150 GB) and D:\ (300 GB), HDD/SSD for drive E:\ (1 TB) and HDD for drive F:\ (1 TB). Bidders shall indicate the proposed disk configuration in their technical proposal.

	to drives C:\ to F:\ as specified; - whether the array supports snapshots or replication that may be used as part of the backup strategy. If the available capacity or performance tier is insufficient, please confirm whether expanding the SAN or host storage is within the scope of this contract.	
16.	4. Please confirm whether the ESXi host is licensed (i.e. not the free hypervisor edition), as this affects which backup tools can be used at the hypervisor level.	Yes. The virtualization platform of the dedicated physical server shall be licensed (not a free edition). The ToR specifies VMware ESXi 6.7 or later; an equivalent virtualization platform is also acceptable. In accordance with the ToR, perpetual licensing is preferred, and solutions without recurring annual costs are preferred. Where recurring annual costs cannot be avoided, bidders shall indicate them clearly, as required in the ToR.
17.	5. The licensing table states "Windows Server 2022 Standard – New licence (5 server)". Please clarify whether this refers to: - five server licences; - five Client Access Licences (CALs); or - something else. Please also indicate the expected number of internal users (or devices) that will access the repository. Note: Under Microsoft licensing, internal users or devices accessing an authenticated application hosted on Windows Server require Windows Server CALs, whether the server is licensed perpetually or by subscription. The number of users therefore	The reference "(5 server)" refers to the Windows Server licensing of the server environment covered by this contract. Bidders shall quote new Windows Server 2022 Standard (or higher) licences covering all physical cores of the dedicated physical server supplied under this contract. No licences are required for other servers. The expected number of internal users of the repository is 280. In accordance with the ToR, bidders shall indicate any Client Access Licences (CALs) required. The cost of the CALs shall be shown as a separately identified amount within the financial proposal.

	directly affects the price and must be known for all tenderers to quote on the same basis.	
18.	6. The specification states a preference for perpetual licensing. Please confirm whether: (a) bidders should quote perpetual licences covering all physical cores of the host; or (b) subscription licences, or licences with Software Assurance, that permit licensing of the individual VM are acceptable. Note: Under current Microsoft licensing terms, perpetual Windows Server Standard and SQL Server 2022 licences without Software Assurance must be assigned to all physical cores of the host server, regardless of the size of the VM. Licensing a single VM by its virtual cores is permitted only with Software Assurance or subscription licences (minimum 4 core licences per VM for SQL Server and minimum 8 per VM for Windows Server). Depending on the host's core count (see question 2), option (a) may cost several times more than option (b) for the same 6 vCPU VM. Clarification will ensure tenders are comparable.	In accordance with the ToR, which states a preference for perpetual licensing, bidders shall quote perpetual Windows Server and SQL Server licences covering all physical cores of the dedicated physical server supplied under this contract. As the server will be dedicated exclusively to the repository Virtual Machine, bidders shall size it in accordance with the VM specifications in the ToR.
19.	7. Please confirm the preferred SQL Server licensing model: - per core; or	Per core.

	- Server + CAL. Note: The per-core model does not require SQL Server CALs for users accessing the database, including indirectly through the web application. Under the Server + CAL model, every user or device accessing the database, directly or indirectly through the application (multiplexing), requires a SQL Server CAL. For a web-based repository with an undefined number of users, per-core licensing is normally the more predictable and compliant option.	
20.	8. Please confirm whether Windows Server 2025 Standard licences exercising downgrade rights to Windows Server 2022 Standard are acceptable. Please also confirm whether SQL Server 2025 Standard with downgrade rights to SQL Server 2022 Standard is acceptable, given that the specification permits "SQL Server 2022 Standard or higher".	Yes. In accordance with the ToR ("2022 Standard or higher"), Windows Server 2025 Standard and SQL Server 2025 Standard licences exercising downgrade rights to the 2022 versions are acceptable for both products.
21.	9. Microsoft support for .NET 8 LTS ends in November 2026, shortly after contract start. Please confirm whether the .NET 10 LTS Hosting Bundle (supported until November 2028) may be installed alongside .NET 8, or whether only .NET 8 is required.	Both the .NET 8 and .NET 10 LTS Hosting Bundles shall be installed.

22.	10. Please confirm whether the SSL/TLS certificate for HTTPS and the DNS record (e.g. app-funae.co.mz) will be provided by FUNAE or must be supplied by the service provider. If supplied by the provider, please confirm whether an internal CA certificate or a public certificate is required.	The SSL/TLS certificate and the DNS record will be provided by FUNAE. FUNAE holds a wildcard certificate, which will be used for the new subdomain, and will create the internal DNS record. The service provider shall install and configure the certificate on the server to enforce HTTPS, as required in the ToR.
23.	11. Please confirm whether the VM should be joined to an existing Active Directory domain, or configured as a standalone server.	Yes. The VM shall be joined to FUNAE's existing Active Directory domain.
24.	12.Please confirm: - the method of remote access for the service provider during implementation (e.g. VPN provided by FUNAE); - whether any on-site presence at FUNAE is expected.	All implementation activities, including the physical delivery, installation, commissioning, configuration, testing and handover of the dedicated server, shall preferably be carried out on-site at FUNAE's offices in Maputo, Mozambique. Remote access may be used only exceptionally, where justified and agreed with FUNAE, through a secure remote-access mechanism coordinated by FUNAE. Bidders shall indicate in their proposal the proposed on-site presence and any activities to be performed remotely, and shall include all related costs.
25.	**13. Please confirm:** - whether FUNAE already holds backup software and licences, or whether the service provider is expected to supply them; - the make and model of the offsite target referred to as "MS2000 or Tape Library"; - that this target is available and accessible from the VM.	FUNAE does not currently hold backup software or licences. Bidders may propose the backup software or tools they consider appropriate; any licences required shall be included in the financial proposal. The offsite target referred to in the ToR as "MS2000 or Tape Library" is not available. The offsite copy will be managed by FUNAE's IT team, as is also foreseen in the ToR for the VMware snapshots. The service provider shall configure the backups on drive F:, as specified in the ToR, so that they can be copied to external storage by FUNAE, and shall document this procedure in the handover documentation.

26.	14. Clause 6 of Chapter 3 requires prices in MZN, while clause 24.2 of Chapter 4 states that invoices must be issued in EUR. Please confirm the currency of invoicing and payment, and the exchange rate basis to be applied.	Financial offers shall be submitted in MZN. Invoices shall be issued in Meticais, indicating the equivalent amount in Euros. The applicable exchange rate shall be the official exchange rate published by the Central Bank of Mozambique.
27.	15. The price form requires prices to include "applicable withholding taxes". For a tenderer that is a Mozambican tax resident, please confirm which withholding taxes, if any, are expected to be included.	Tenderers shall submit prices excluding VAT and including all other applicable taxes and charges under Mozambican tax legislation. Tenderers are responsible for determining the taxes applicable to their own tax status and reflecting them in their financial offer.
28.	**16.Please confirm:** - the expected duration of the warranty and post-handover support period; - the language required for documentation and knowledge transfer (English and/or Portuguese).	The supplied hardware shall be covered by the standard manufacturer's warranty applicable to the proposed brand and equipment. Bidders shall clearly indicate in their proposal the warranty period, coverage and applicable support conditions provided by the manufacturer. The ToR does not prescribe a fixed duration for post-handover technical support. Bidders shall propose the duration and conditions of the post-installation support for the installation, configuration and integration services, including the correction, at no additional cost to FUNAE, of any defects attributable to the installation. This will be evaluated under the award criterion "Warranty, technical support and handover arrangements", as set out in the ToR. Documentation and knowledge transfer shall preferably be provided in Portuguese; English is acceptable where Portuguese documentation is not available.
29.	17. Please confirm the acceptance criteria and test procedure to be applied for Deliverables 1–3, and the expected kick-off date.	As the final functional test of the infrastructure, the FUNAE Data Repository application will be installed and run on the VM. The application developer will attend this test together with FUNAE's DTSI. The kick-off meeting will take place upon contract signature. Bidders shall state in their proposal the lead time for the delivery of the hardware and licences, counted from contract signature, and confirm that it is compatible with the delivery period in the ToR.

30.	**1.1 VMware Infrastructure** Can FUNAE please confirm whether the VMware ESXi infrastructure required to host the Virtual Machine already exists and is operational within the current environment?	FUNAE has an existing VMware ESXi infrastructure, which is operational; however, it has no spare capacity to host the Virtual Machine. Bidders shall therefore supply a new dedicated physical server, with a licensed virtualization platform (VMware ESXi as specified in the ToR, or equivalent) and all licences necessary to fully operationalize the server environment, on which the Virtual Machine specified in the ToR will be configured.
31.	**1.2 VMware Licensing** Can FUNAE confirm whether VMware licensing is already available and managed internally, or whether it should be included in the bidder's proposal?	The licensing of the virtualization platform of the dedicated physical server shall therefore be included in the bidder's proposal. The ToR specifies VMware ESXi 6.7 or later; an equivalent virtualization platform is also acceptable. In accordance with the ToR, perpetual licensing is preferred, and solutions without recurring annual costs are preferred. Where recurring annual costs cannot be avoided, bidders shall indicate them clearly, as required in the ToR. vCenter is not required.
32.	**1.3 Physical Infrastructure** Should bidders assume that all compute, storage, and networking resources required for the Virtual Machine are already available within FUNAE's infrastructure?	No. FUNAE's existing infrastructure has no spare compute or storage capacity to host the Virtual Machine. Bidders shall supply a dedicated physical server with all the compute and storage resources, and all licences, necessary to host the Virtual Machine specified in the ToR. Network connectivity will be provided by FUNAE. In accordance with the ToR (Installation Access Requirements), FUNAE will provide the network connection and network information (assigned IP, subnet mask, gateway and DNS) for the new server.
33.	**1.4 Storage Requirement** The ToR references "8 Internal HD SATA 4TB each". Could you please clarify whether these disks already exist within the current infrastructure or whether their supply forms part of this procurement?	The supply of the eight (8) drives listed in the Disk Structure and Storage Allocation table of the ToR forms part of this procurement; they do not currently exist within FUNAE's infrastructure. The capacity "4GB/ea." in the ToR is a typing error and shall read 4 TB each. The scope is limited to the supply of the drives; their installation is not required, as they will be installed by FUNAE in its own existing equipment. As specified in the ToR, the drives shall be internal SATA HDDs, 4 TB each, desktop type (3.5"), SATA interface.

34.	**2. Access & Connectivity** **2.1 Application Access** Could FUNAE clarify the intended access model for the repository application? · Internal LAN only; · VPN access; · Internet access; · Hybrid model.	In accordance with the ToR, the repository application will be accessed by internal users through FUNAE's local network (LAN), using an internal fixed IP address and an internal DNS record. The server will also require outbound Internet access for integration with the Odyssey API and for system updates, as specified in the ToR. Access by users outside FUNAE's local network (e.g. FUNAE's provincial delegations) will be provided through FUNAE's existing network and VPN arrangements, which are managed by FUNAE and are not part of this contract. Publication of the application to the Internet is not required.
35.	**2.2 Connectivity Between Sites** The repository is intended to consolidate information from 111 mini-grids. Could FUNAE confirm whether the required WAN or Internet connectivity between the mini-grid sites and the centralized platform is already available and outside the scope of this tender?	Yes. Connectivity between the mini-grid sites and the centralized platform is outside the scope of this tender. In accordance with the ToR, the scope is limited to the provisioning and configuration of the server infrastructure required to host the repository. Monitoring data from the mini grids will be obtained through the existing Odyssey platform, via its API, for which the server requires outbound Internet access, as specified in the ToR. Other data and documents will be uploaded by FUNAE users. No WAN links or site connectivity shall be supplied or configured under this contract.
36.	**2.3 Internet Connectivity** Will Internet connectivity required for system updates and API integration be provided by FUNAE, or should bidders consider any connectivity components within their proposed solution?	Internet connectivity will be provided by FUNAE through its existing network. In accordance with the ToR, the server requires outbound Internet access for integration with the Odyssey API and for system updates. Bidders shall not include any connectivity components (Internet links, routers or firewalls) in their proposal. The service provider shall only configure the server's network settings, using the network information provided by FUNAE (assigned IP, subnet mask, gateway and DNS), as specified in the ToR.
37.	**2.4 Remote Administration** Can FUNAE confirm whether remote administrative access through RDP will be performed exclusively from the internal network or	RDP administrative access will be performed from FUNAE's internal network by FUNAE's technical team. Where remote access from outside the internal network is required, it will be provided exclusively through a secure remote-access mechanism (e.g. VPN) coordinated by FUNAE.

	through secure remote access mechanisms such as VPN?	
38.	**3.1 SSL Certificates** Should SSL/TLS certificates required for HTTPS implementation be supplied by the bidder or will they be provided by FUNAE?	The SSL/TLS certificate will be provided by FUNAE. FUNAE holds a wildcard certificate, which will be used for the new subdomain, and will create the internal DNS record. The service provider shall install and configure the certificate on the server to enforce HTTPS, as required in the ToR. Bidders shall not include SSL/TLS certificates in their proposal.
39.	**3.2 DNS Registration** The ToR recommends DNS registration for the application. Could FUNAE confirm whether DNS management and registration will be handled internally or should be included within the bidder's scope?	DNS management and registration will be handled internally by FUNAE. FUNAE will create the internal DNS record for the new subdomain and provide the DNS information, as specified in the ToR (Installation Access Requirements). Bidders shall not include DNS registration or domain costs in their proposal. The service provider shall configure the server and the web application to use the assigned DNS name.
40.	**3.3 Security Standards** Are there any additional cybersecurity requirements, security frameworks, compliance policies, or hardening standards that should be considered beyond the minimum requirements stated in the ToR?	No additional cybersecurity frameworks, compliance policies or hardening standards are required beyond those stated in the ToR. In accordance with the ToR, the service provider shall implement the minimum-security measures specified, including access control, Windows Firewall configuration, SSL/HTTPS enforcement, password protection policies, restriction of database exposure (SQL Server port 1433 accessible only locally) and restriction of unnecessary external access, in line with good practice in the field. As the VM will be joined to FUNAE's Active Directory domain, FUNAE's existing domain security policies will also apply.
41.	**3.4 Active Directory Integration** Will the Virtual Machine be required to integrate with an existing Active Directory environment for authentication and access control?	Yes. The VM shall be joined to FUNAE's existing Active Directory domain, and administrative access to the server shall be managed through FUNAE's domain accounts. FUNAE will provide the required domain credentials and information. The authentication model of the repository application itself will be defined by the application developer and is not part of this contract.

42.	**4. Backup & Disaster Recovery** **4.1 Backup Infrastructure** The ToR references offsite backups to an MS2000 system or Tape Library. Could FUNAE confirm whether this backup infrastructure already exists?	No. The offsite backup target referred to in the ToR as "MS2000 or Tape Library" is not available. The offsite copy will be managed by FUNAE's IT team, as is also foreseen in the ToR for the VMware snapshots. The service provider shall configure the backups on drive F:, as specified in the ToR, so that they can be copied to external storage by FUNAE, and shall document this procedure in the handover documentation.
43.	**4.2 Storage Capacity for Backup Retention** Can FUNAE confirm whether sufficient storage capacity is already available to support the defined backup retention policies?	The backup storage capacity will be provided by drive F:\ of the dedicated physical server supplied under this contract, as specified in the ToR (minimum 1 TB HDD, dedicated to SQL Server backups and copies of critical files). No existing FUNAE storage will be used for this purpose. Bidders shall ensure that the proposed capacity of drive F:\ is sufficient to meet the backup and retention policies defined in the ToR (database retention minimum 30 days, file retention minimum 14 days), taking into account the estimated data volumes and growth set out in the ToR, and may propose a larger capacity if required.
44.	**4.3 Disaster Recovery Requirements** Are there any Disaster Recovery requirements to be considered as part of this project?	No disaster recovery site, replication or high-availability solution is required under this contract. The backup and recovery mechanisms shall be configured and tested (including at least one test restore of the database and files), and the backup and restore procedures shall be documented in the handover documentation, so that FUNAE's IT team can recover the system in case of failure.
45.	**4.4 Recovery Objectives** Could FUNAE provide any Recovery Point Objective (RPO) and Recovery Time Objective (RTO) requirements that should be considered in the backup and recovery design?	The ToR does not define formal RPO and RTO values. The recovery point is determined by the backup policy specified in the ToR (SQL Server database: full daily backup and differential backups every 6 hours; repository files: daily incremental synchronization). No specific Recovery Time Objective is required; bidders shall indicate in their technical proposal the estimated time required to restore the system from backup.
46.	**4.5 Secondary Site** Is there a requirement for replication to a secondary site	No. Replication to a secondary site or standby environment is not required under this contract and shall not be included in the proposal. In accordance with the ToR, recovery capability shall be ensured through the backup mechanisms specified in the

	or standby environment as part of the proposed solution?	ToR, with the offsite copy of the backups managed by FUNAE's IT team.
47.	**5. Licensing** **5.1 Licensing Model** Could FUNAE confirm the preferred licensing model for Windows Server and SQL Server? · Perpetual Licensing; · Subscription Licensing; · Either option acceptable.	Perpetual licensing. In accordance with the ToR, which states a preference for perpetual licensing, bidders shall quote perpetual Windows Server and SQL Server licences covering all physical cores of the dedicated physical server supplied under this contract.
48.	**5.2 Client Access Licenses (CALs)** Can FUNAE confirm the number of users and/or Client Access Licenses (CALs) that should be considered for the proposed Microsoft licensing model?	The expected number of internal users of the repository is 280. In accordance with the ToR, bidders shall indicate any Client Access Licences (CALs) required for the proposed Microsoft licensing model. The cost of the CALs shall be shown as a separately identified amount within the financial proposal.
49.	**5.3 Software Assurance & Support** Should bidders include Microsoft Software Assurance or any licensing-related support and maintenance services within the proposal?	No. Microsoft Software Assurance is not required. In accordance with the ToR, perpetual licensing without recurring annual costs is preferred. Bidders shall not include Software Assurance or licensing-related maintenance services in their financial proposal. Any other support or maintenance costs associated with the proposed solution shall be clearly indicated, as required in the ToR.
50.	**6. Repository Application & Operational Requirements** **6.1 Repository Development Status** Can FUNAE confirm whether the repository application is	The repository application is developed by another service provider, under a separate contract. Its development, installation and configuration are not part of this contract. In accordance with the ToR, the scope of this contract is limited to the provisioning and configuration of the server environment required to host the repository. The service provider shall cooperate with the application developer and FUNAE's IT department (DTSI) for the final functional test of the infrastructure, during which the application will be installed and run on the VM.

	already developed, currently under development by another supplier, or yet to be developed?	
51.	**6.2 Estimated Number of Users** Could FUNAE provide an estimate of the expected number of users that will access the repository platform?	The expected number of internal users of the repository platform is 280.
52.	**6.3 Availability Requirements** Are there any specific availability, uptime, or service level requirements that should be considered in the infrastructure design?	No specific availability, uptime or service level requirements are defined in the ToR, and no high-availability configuration is required. In accordance with the ToR, the infrastructure shall be stable, secure and scalable, and shall meet the required standards for performance, security and data management, in line with good practice in the field. Bidders shall describe in their technical proposal the measures proposed to ensure the stability of the server environment.
53.	**6.4 Future Growth Expectations** Beyond the storage growth estimates provided in the ToR, are there any expected increases in user base, integrations, or workload volumes that should be considered to support future scalability?	No additional increases in user base, integrations or workload volumes are foreseen beyond those stated in the ToR (280 internal users, integration with the Odyssey API, and the storage growth estimates). In accordance with the ToR, the proposed solution shall be scalable, allowing future expansion of RAM and of each storage volume independently. Bidders shall indicate in their technical proposal the expansion capacity of the proposed server (e.g. free memory slots and disk bays).