



Title: Request for quotation for equipment for the Central Region Flood and Drought Control Unit (UCCS-RC)

Background

Project Reference: P04620

Donor reference: DR 04620

About IUCN

IUCN is a membership Union uniquely composed of both government and civil society organisations. It provides public, private and non-governmental organisations with the knowledge and tools that enable human progress, economic development and nature conservation to take place together.

Created in 1948, IUCN is now the world's largest and most diverse environmental network, harnessing the knowledge, resources and reach of more than 1,400 Member organisations and around 15,000 experts. It is a leading provider of conservation data, assessments and analysis. Its broad membership enables IUCN to fill the role of incubator and trusted repository of best practices, tools and international standards.

IUCN provides a neutral space in which diverse stakeholders including governments, NGOs, scientists, businesses, local communities, indigenous peoples' organisations and others can work together to forge and implement solutions to environmental challenges and achieve sustainable development.

Working with many partners and supporters, IUCN implements a large and diverse portfolio of conservation projects worldwide. Combining the latest science with the traditional knowledge of local communities, these projects work to reverse habitat loss, restore ecosystems and improve people's well-being.

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About the Project

The Mainstreaming and Integrated Water Resources Management approach for More Resilient Basins in Mozambique [MozWaterR] is a geared project towards achieving water security and safety by supporting Mozambique in developing its capacity to implement effective integrated water resources management (IWRM) in key basins in the northern and central water administration regions and improve capacity at a national level. This project is a collaborative effort where joint action on the ground will produce critical lessons from tried best practices that inform policy which strengthen business approaches, institutions, and rules around the sustainable use of land and water. MozWaterR is being implemented collaboratively with the Northern Regional Water Administration (ARA-Norte), Central Regional Water Administration (ARA-Centro) and the National Directorate for Water Resources Management (DNGRH) as primary Implementing Partners (IPs) to combat several challenges in the national water sector.

Description of the Goods

Item	Designation	Unit	Quantity	Specification/Designation
Lot 1: Supply and assembly of 75" Led TV screens				
1	75 Inch Led TV Screens	Un	4	Samsung Smart TV LED 75" Crystal AU8000 4K UHD, includes: Wi-Fi wireless connectivity (WiFi5), Bluetooth (BT4.2), Application Platform, Accessories (standard smart remote control and batteries for remote control), Inputs/Outputs (HDMI, 2 USB and ethernet LAN connections). <u>I must come with:</u> • Articulated or Fixed Wall Mount for 75-inch TVs. • 2000VA Kebo Current Stabiliser.
Lot 2 - Supply of licence for arcGIS Pro				

2	ArcGIS Pro licence	Un	5	1. Purpose of Purchase Acquisition of four (5) licences of ArcGIS Pro software, with complete functionalities for use in spatial analyses applied to Hydrology, Hydraulics and Technical Cadastre, in the context of water resource management, urban drainage, basin delimitation, flow modelling and property and infrastructure management. 2. Minimum Functional Requirements Each licence must include at least the following functionalities: 2.1. Advanced GIS Platform • Visualisation and editing of vector and raster data. • Integration with spatial databases (e.g. PostgreSQL/PostGIS, SQL Server). • Geoprocessing with ModelBuilder and Python (ArcPy). • Complete support for data projection and coordinate system transformation. 2.2. Hydrological and Hydraulic Tools • Analysis of river basins and delimitation of drainage areas. • Generation of digital terrain models (MDT and MDE). • Basic hydrological modelling (e.g. runoff calculation). • Integration with external software such as HEC-HMS, HEC-RAS and SWMM.
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				2.3 Modules for Registration and Topology • Creation and maintenance of cadastral cartographic bases. • Topological editing with geometry validation. • Multifunctional technical cadastre (plots, water/sewage networks, urban infrastructure). 2.4 Compatibility with extensions and services • Compatible with extensions such as Spatial Analyst, 3D Analyst and Network Analyst. • Access to ArcGIS Online and base map services. • Ability to publish interactive maps in the cloud. 3. Licence Type • Licence per user: 1 Named User and 4 Single Use, valid for at least 1 year. • With the possibility of renewal and automatic updates included. • Access to technical support and official documentation for the duration of the licence. 4. Support and Training The supplier must ensure: • Access to the technical support centre (esri.com or regional representative). • Introductory training for 5 technicians in the areas of interest (minimum 8 hours, online). • Assistance with the installation and activation of licences. 5. Technical compatibility The licences must be compatible with the following hardware requirements: • Operating System: Windows 10 or higher (64-bit). • RAM memory: minimum 16 GB. • Processor: Intel i7 or equivalent, 4 cores or more. • GPU compatible with DirectX 11. • Storage: SSD with at least 500 GB of free space.
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The Supplier

The supplier must provide training for technicians on how to install the software and handle the equipment.

They must also be able to answer any questions the technicians have about the equipment.

Delivery location

The head offices of ARA-Centro, IP are located in the city of Tete and are open during normal business hours.

Rights and Guarantees

The equipment and software must be registered and licensed in the name of ARA-Centro IP as both the owner and user. Guarantees must be provided by both the manufacturer and the software licence provider.

Essential Requirements: All the specifications indicated above are essential

Non-Essential Requirements : N/A

Optional Requirements: N/A