REQUEST FOR PROPOSAL (RFP)

ICT Office Equipment

MRT/PROC&SC/RFP/25/002

1. BACKGROUND

The MURAK RAI TIMOR, E.P., (MRT, E.P.) is a Timor-Leste State Owned Mining Enterprise, established pursuant to Decree-Law No.64/2023 of 06 September, having its office at Timor Plaza CBD 10, Dili Central Mall, Level 4, Unit 401-403, Avenida Presidente Nicolau Lobato, Comoro, Dom Aleixo, Dili, Timor-Leste.

To facilitate MRT, E.P. Communications Infrastructure to increase efficiency and productivity, facilitating collaboration among employees, MRT, E.P. is seeking for qualified Timor-Leste ICT Office Equipment Suppliers company that can supply good quality ICT Office Equipment.

Following are the Minimum ICT Office Equipment specification requirements:

No.	Item	Quantity/Unit	General Specification
1	**Cisco Switch***	1	**Cisco C9300L-48P-4X-A Redundant PSU + 2 SFP LR 10gb**
			Highest wireless scale for Wi-Fi 6 and 802.11ac Wave 2 access points supported on a single switch with select models
			Catalyst 9300 and Catalyst 9300L/LM models are based on the Cisco UADP 2.0 Application-Specific Integrated Circuit (ASIC) with programmable pipeline and micro-engine capabilities, along with template-based, configurable allocation of Layer 2 and Layer 3 forwarding, Access Control Lists (ACLs), and Quality of Service (QoS) entries
			Catalyst 9300X models are based on UADP 2.0sec ASIC which adds line rate support for Crypto, including 100G hardware-based Ipsec
			x86 CPU complex with 8-GB memory, and 16 GB of flash and external USB 3.0 SSD pluggable storage slot (delivering up to 240GB of storage with an option SSD drive) to host containers. C9300X models support 16GB of memory
			USB 2.0 slot to load system images and set configurations
			Up to 1 TBps of local stackable switching bandwidth with Catalyst 9300X models.

				Deeper buffer and higher scale model options for rich multi-media content delivery applications
				Flexible and dense uplink offerings with 100G, 40G, 25G, Multigigabit, 10G, and 1G as fixed or modular uplinks
				Easy transition from 40G to 100G and 10G to 25G with dual-rate optics.
				Flexible downlink options with 25G, 10G and 1G Copper and Fiber as well as the densest Multigigabit links.
				With a mix of copper (1G up to 10G) and fiber (1G up to 25G) supported in a single stack, multiple flexible deployment scenarios are enabled, including 2-Tier, 3-Tier and Hybrid architectures.
				Leading PoE capabilities with up to 384 ports of PoE per stack, PoE+, and 288 ports high density IEEE 802.3bt-90W UPOE+, and 60W Cisco UPOE.
				Intelligent Power Management with Cisco Stack Power technology, providing power stacking among members for power redundancy. Stack Power pools the power supplies across the stack to be used redundancy and supplemental power purposes
				Line-rate, hardware-based Flexible NetFlow (FNF), delivering flow collection of up to 128,000 flows with select models.
				IPv6 support in hardware, providing wire-rate forwarding for IPv6 networks
				Dual-stack support for IPv4/IPv6 and dynamic hardware forwarding table allocations, for ease of IPv4-to-IPv6 migration.
				Support for both static and dynamic NAT and Port Address Translation (PAT).
				IEEE 802.1ba AV Bridging (AVB) built in to provide a better audio and video experience through improved time synchronization and QoS
				Precision Time Protocol (PTP; IEEE 1588v2) provides accurate clock synchronization with sub-microsecond accuracy making it suitable for distribution and synchronization of time and frequency over network.
				Cisco IOS XE, a modern operating system for the enterprise with support for model-driven programmability including NETCONF, RESTCONF, YANG, on-box Python scripting, streaming telemetry, container-based application hosting, and patching for critical bug fixes. The OS also has built-in defences to protect against runtime attacks.

			End-to-end visualization of the path from campus/branch to clouds/DC with Cisco Thousand Eyes Network and Application Synthetics (included with Cisco Catalyst and DNA Advantage license)
			Fully managed Meraki cloud customers are able to take advantage of power of Catalyst 9300 switching in their Meraki cloud through the cloud-management service.
			SD-Access: Cisco Catalyst 9300 Series switches form the foundational building block for SD-Access, Cisco's lead enterprise architecture
			Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network.
			Advanced security: Encrypted Traffic Analytics (ETA), Support for AES-256 with the powerful MACsec 256-bit encryption algorithm available on all models, Trustworthy solutions: Hardware anchored Secure Boot and Secure Unique Device Identification (SUDI) support for Plug and Play, to verify the identity of the hardware and software.
			Installation and configuration are included
			Extended Services: 5 Years exchange service
2	Wireless Controller and APs*	6	**HPE Aruba AP-535 (RW) Unified Campus AP JZ336A**
			Ports: (2) HPE Smart Rate RJ-45 port (maximum negotiated speed 5 Gbps)
			Input voltage: IEEE 802.3bt (class 5) or 802.3at PoE, or direct DC power (via optional power supply)
			POE powered (802.3bt or dual 802.3at): 30W POE powered (802.3at, IPM enabled): 25W DC powered: 29W maximum (worst case)
			Certifications: UL2043 plenum rating Wi-Fi Alliance: -Wi-Fi CERTIFIED a, b, g, n, ac -Wi-Fi CERTIFIED 6 (ax) -WPA, WPA2 and WPA3 -Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) -WMM, WMM-PS, W-Fi Agile Multiband -Pass point (release 2) -Wi-Fi CERTIFIED Location™ Bluetooth SIG
			Wi-Fi antenna: Four integrated dual-band down tilt omni-directional antennas for 4x4 MIMO with peak antenna gain of 3.5dBi in 2.4GHz and 5.4dBi in 5GHz.
			Dual-radio 4x4 MIMO IEEE 802.11ax AP with up-and downlink OFDMA and Multi-User MIMO (MU-MIMO). Maximum data rates of 2.4 Gbps in the 5 GHz band and 1,150 Mbps in the 2.4 GHz band (for an aggregate peak data rate of 3.55 Gbps).

			Product dimensions (metric):57 x 240 x 240 mm (AP-534), 80mm x 270 x 270 mm (AP-535)
			Including Mounting Bracket and Power Adaptor
			Installation and configuration are included
3	**Presentation and Video Conferences kit***	1 Pcs	Bosch CCS 1000D Mic Chairman
		12 Pcs	Bosch CCS 1000D Mic Delegate
		1 Pcs	Control & Power Supply Unit BOSCH CCS 1000D
		2 Pcs	Extension Cable 5 Meter BOSCH LBB-4116/05
		2 Pcs	Extension Cable 10 Meter BOSCH LBB-4116/10
		1 Pcs	aver mt300(N) Matrix
		1 Pcs	AVER PTZ330UV2 camera Professional
		1 Pcs	AVER TR535N Dual Lens Auto Tracking Camera
		1 Pcs	Tp-Link LS1210GP 10-Port Gigabit Desktop Switch with 8-Port PoE+ LS1210 GP
			Installation and configuration are included.
4	**Speaker JBL for conferences***	4	**JBL Control 23 High Output Two-Way Mid/High Frequency Loudspeaker**
		2	**Speaker JBL Control 28 1 Original**
			Installation and configuration are included.
5	**Network CCTV and Camera***	12	**Indoor IP Camera CCTV Hikvision**
			Minimum 8MP
			Powered over Ethernet
			Mounting kit included
		12	**DS-3E1318P-EI/M 16+2 Smart PoE Switch Hub Fast Ethernet IP Camera CCTV Hikvision**
			Installation and configuration are included.
6	**Smart UPS**	1	**UPS APC SMC2000I-2U SMC2000I2U Smart-UPS C 2000VA LCD RM 2U 230V**
			Input Voltage 230 V AC
			Output Voltage 230 V AC
			Installation and configuration are included.
7	**Rack and accessories**	1	**Rack Server 32U IR6032P Depth 600mm Perforated Door Rak 32 U**
			Installation and configuration are included.
8	**PDU Power Distribution Unit with Iec C14 Input Plugs / Stopkontak Rack server dr**	2	**PDU Power Distribution Unit with Iec C14 Input Plugs / Socket Outlet Rack server dr Ups output iec Apc**
			Installation and configuration are included.

	Ups output iec Apc		
9	Logitech Tap Scheduler	2	**Logitech Tap Scheduler**
			Installation and configuration are included.
10	**Patch Panel Barrel / Pass Through Cat 6 48 PORT***		**Patch Panel Barrel / Pass Through Cat 6 48 PORT**
		1	Installation and configuration are included.

2. SELECTION CRITERIA

The interested local companies are requested to provide the following information in their proposal:

1. Company experiences and capacity to supply the Office ICT Equipment;
2. Personal Qualification;
3. Vendor Conflict of Interest declaration;
4. Valid Timor – Leste Business Registration including Tin and Certidão de Dívidas (for local company);
5. Declaration of any Affiliation with other companies;
6. Bank Statement with last 3 months transaction from the date of the proposal submission;
7. Company Organization Structure;
8. Financial Proposal;

Note:

- *The proposal to be submitted to MRT, E.P., shall be written in English or Tetun and in sequence/following the numbering in the selection criteria outlined above.*
- *The Financial quote or Price shall be in USD*
- *Interested provider is recommended to visit MRT, E.P., office and facilities to better estimate their proposal.*

3. SUBMISSION

A Request for Proposal should be in sealed envelope, mark "**Confidential**" and mentioned the procurement reference number for the attention of **Mrs. Sandra Lay Ribeiro, President Office Coordinator** and submitted as follow by E-mail: bid@mrt.com.tl.

hand or courier to:

Murak Rai Timor, E.P.,
HQ, CBD 10, Dili Central Mall, Level 4, Unit 401-403
Avenida Presidente Nicolau Lobato, Dili, Timor-Leste
+670 73516661

4. LODGEMENT

Lodgement will be closed at 16:00 hours Timor-Leste time, on Thursday, **17th May, 2025.** Late applications will not be considered.

5. FURTHER INFORMATION

Requests for further information should be made by email or telephone and directed to Mrs. Sandra Lay Ribeiro at sandra.ribeiro@mrt.com.tl or on +670 73516661.

Dili, 16 April, 2025

Sandra Lay Ribeiro
President Office Coordinator