City 8 Compound, Rua Has-Laran, Aldeia Fomento II, Suco Comoro, Dom Aleixo, Dili, Timor-Leste
PO Box 113, Telephone: +670 73099995 / 73099996/73099997

REQUEST FOR PROPOSAL (RFP)
ANP DATA CENTER MODERNIZATION

ANP/CS/PROC/RFP/26/004

I. Background

Autoridade Nacional do Petróleo (ANP) is a public institution of Timor-Leste established under Decree-Law No. 20/2008, as amended by Decree-Law No. 62/2023. ANP is responsible for regulating and supervising petroleum activities, including exploration, production, transportation, processing, storage, distribution, and related energy sectors in accordance with the laws of Timor-Leste.

ANP, through its Procurement and ICT Department, invites qualified Vendors to submit proposals for the **ANP Data Center Modernization** Project. This Project represents ANP's long-term ICT infrastructure modernization program to improve network performance, cybersecurity, virtualization, and high availability while ensuring uninterrupted operation of existing services.

II. Proposal Submission

Proposals shall be submitted either in hard copy or electronically, as follows:

a. Electronic submissions shall be made through E-mail: procurement@anp.tl; and
b. Hard copy submission shall be deliverd to ANP Office at City 8 Compound, Rua Has-Laran, Aldeia Fomento II, Suco Comoro, Dom Aleixo, Dili, Timor-Leste. A soft copy of the proposal is also required and shall be submitted to the email address: procurement@anp.tl

Requests for further information should be made by email to procurement.queries@anp.tl or by telephone at +670 73099996.

III. Closing Date

The bidding process will be closed on Monday, 17 August 2026 at 16.00 Timor-Leste time. Late applications will not be considered.

Date, 7 of July 2026

Humberto Pereira
Procurement Manager

City 8 Compound, Rua Has-Laran, Aldeia Fomento II, Suco Comoro, Dom Aleixo, Dili, Timor-Leste

PO Box 113, Telephone: +670 73099995 / 73099996/73099997

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1. Background

Autoridade Nacional do Petróleo (ANP) is Timor-Leste public institution, created under Decree Law No. 62/2023 of 6th September 2023, 3rd amendment of Decree Law No. 20/2008 of 19th June, on the establishment of Autoridade Nacional do Petróleo, plays a critical role in managing and regulating petroleum activities within the country.

ANP oversees both offshore and onshore operations, including those falling under the Greater Sunrise Special Regime, while operating within the legal framework established by the amended Decree-Law and the Timor-Leste Petroleum Activities Law, in compliance with the Maritime Boundary Treaty.

ANP's core responsibilities encompass a wide array of activities in the petroleum industry, ranging from regulating Carbon Capture, Utilization, and Storage (CCUS) to overseeing the production, storage, transport, and marketing of hydrogen and synthetic fuels. The institution also focuses on establishing and enforcing regulations covering various aspects of petroleum and natural gas resource management, including exploration, development, production, transportation, processing, distribution, and decommissioning.

The Autoridade Nacional do Petróleo (ANP) is undertaking a phased Data Center Network Infrastructure Modernization Project, managed by its Procurement and ICT Department, to replace end-of-life equipment, enhance security, and establish a high-availability (HA) architecture. This

project represents a long-term roadmap and involves modernizing core switching, perimeter security, and server infrastructure while ensuring HA-readiness for future expansion.

1.1 Project Overview

The Project delivers a structured, partial replacement and upgrade of the corporate data center's network, security, switching, and server virtualization infrastructure. This is not a full greenfield rebuild; retained devices and services remain in place and must not be disrupted. The High-Level Design (HLD) defines the target architecture and shall be treated as an authoritative technical reference by all bidders. A fundamental design principle of this Project is that every new device delivered under this scope is HA-ready from day one: cabled, licensed, and configured to accept a second unit in a future phase with no re-design, no service impact, and no additional cabling of the primary unit.

Key outcomes to be delivered include:

- Replacement of end-of-life core switching (Cisco Nexus 7018) with Cisco Catalyst C9300StackWise Virtual pairs
- Replacement of legacy perimeter firewalls (Cisco ASA 5545 multi-context) with Cisco Firepower FPR1120-NGFW HA pairs running FTD, AMP, and URL Filtering
- Introduction of a dedicated server farm security layer (Cisco CSF1230 NGFW) and server farm switching (Cisco Catalyst C9500 StackWise Virtual)
- Establishment of a new, isolated DMZ security segment for public-facing services
- Migration of all production server workloads from the legacy virtualization platform to a current supported hypervisor on new host hardware
- Place all the servers (existing and new) and SAN storages (existing and new) system behind the server farm switch (C9500)
- Replacement of WAN/voice routers (Cisco C2911) with Cisco C8300-1N1S-4T2X on CORVGW-BS01 and CORWAN-BS01.

1.2 Design Constraints

All bidders must acknowledge and design their solutions to the following non-negotiable Project constraints:

- All existing IP addressing, VLAN identifiers, routing domains, and management credentials are preserved throughout the Project – zero IP or VLAN changes are required or permitted unless explicitly documented.
- Zero unplanned service interruptions. All changes must be executed within approved maintenance windows with validated rollback plans.
- All new devices procured under this partial upgrade scope are designed, cabled, and configured for high availability from day one, even where initial deployment is as a single unit. This HA-readiness is a contractual requirement – not optional – to ensure future phase expansion requires only the addition of the second unit, with zero re-work on primary devices.

2. Scope of Work

The Vendor shall deliver all workstreams defined below. The scope is derived from the ANP Scope of Work document and the HLD. Where any ambiguity exists between this RFP and the HLD, the HLD takes precedence for technical specifications. Vendors must note that this is a partial, phased infrastructure upgrade. Certain devices and services remain in place (retained) and must not be disrupted. All new equipment included in this scope must be delivered and commissioned as HA-ready: physically cabled, licensed, and staged to support the addition of redundant units in future phases without re-work or service interruption to the primary device.

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⚠ IMPORTANT – Technical Site Assessment

To fully understand the scope and technical complexity of this Project, all prospective Vendors are **strongly encouraged to conduct a pre-bid technical site assessment of ANP's existing infrastructure** prior to preparing and submitting their proposal. This Project involves a partial, phased upgrade of a live production environment in which retained devices and services must remain fully operational throughout. The interdependencies between legacy and new equipment, the constraints on IP addressing, VLANs, and routing domains, and the physical layout of the existing data center are all factors that can only be accurately assessed through direct, on-site technical inspection.

A pre-bid site assessment enables Vendors to verify existing device inventory and configurations, identify cabling and rack space constraints, validate the assumptions documented in the HLD, and develop a technically accurate and commercially sound proposal. Vendors who submit proposals without conducting a site assessment do so entirely at their own risk.

ANP will not accept scope change requests, cost variations, or claims of technical uncertainty that could reasonably have been identified and resolved during a pre-bid site visit. Vendors wishing to arrange a site assessment should contact the ANP Procurement and ICT Department through the official tender communication channel stated on the cover page.

The HLD document will be provided during the technical assessment.

2.1 Assessment & Planning

- Conduct a full assessment of the existing ANP IT infrastructure including servers, storage systems, network devices, security appliances, and virtualization platforms.
- Review existing documentation, configurations, and network diagrams.
- Produce an Infrastructure Assessment Report with findings and recommendations.
- Develop a detailed Implementation Plan outlining timelines, resource requirements, phased migration strategy, and maintenance window schedule.
- Identify and document all risks, dependencies, and assumptions with proposed mitigations.

2.2 Network Design

- Produce detailed Low-Level Design (LLD) documents for each design domain: core switching, perimeter security, server farm security, server farm switching, DMZ segment, and WAN/voice routing.

- Deliver architecture diagrams (logical, physical, and cabling) to supplement the HLD
- Define updated IP addressing scheme, VLAN assignment register, and network topology documentation consistent with the HLD IP Preservation Register.

2.3 Hardware & Software

The Vendor shall procure, deliver, and configure the following equipment. Quantities and specifications are derived from the HLD Device Inventory:

- All hardware must be new, commercially available, fully licensed, and under active vendor support at delivery time.
- All hardware and software must be registered with the ownership of Autoridade Nacional do Petroleo de Timor-Leste
- As this is a partial upgrade forming the foundation of a future multi-phase Project, every new device delivered under this scope must be HA-ready from day one: rack space reserved for the redundant unit, inter-device cabling pre-run and capped, and all HA/SVL configuration staged so that a future second unit can be added with no re-work on the primary device and no service interruption.
- Installation includes racking, cabling, OS/firmware installation, initial configuration, and integration testing.
- Decommissioning includes safe data wiping, asset tagging, and documentation of disposal in compliance with ANP IT policies.

Below are the details of the items for Hardware & Software (Principal):

No.	Part Number	Description	Qtt
1	**C8300-1N1S-4T2X**	**Cisco Catalyst C8300-1N1S-4T2X Router**	**1**
1.0.1	CON-SNT-C8304T2X	SNTC-8X5XNBD Cisco Catalyst C8300	1
1.1	MEM-C8300-8GB	Cisco Catalyst 8300 Edge 8GB memory	1
1.2	M2USB-16G	Cisco Catalyst 8000 Edge M.2 USB 16GB	1
1.3	C-RFID-1R	RFID - 1RU for Cisco 8200/8300/8400/8500L Series	1
1.4	C8300-RM-19-1R	Rack mount kit - 19" 1RU for Cisco 8300 Series	1
1.5	C8300-SM-BLANK	SM Blank for Cisco 8300 Series	1
1.6	C8300-PIM-BLANK	PIM Blank for Cisco 8300 Series	1
1.7	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
1.8	TE-R-SW	TE agent for IOSXE on Enterprise Routing	1

No.	Part Number	Description	Qtt
1.9	SC8KBEUK9-1712	UNIVERSAL	1
1.10	IOSXE-AUTO-MODE	IOS XE Autonomous for Unified image	1
1.11	PWR-CC1-250WAC	Cisco C8300 1RU 250W AC Power supply	2
1.12	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2
1.13	C8300-NIM-BLANK	NIM Blank for Cisco 8300 Series	1
2	**FPR1120-NGFW-K9**	**Cisco Firepower 1120 NGFW Appliance, 1U**	**1**
2.0.1	CON-SNT-FRP11209	SNTC-8X5XNBD Cisco Firepower 1120 NGFW Appliance, 1U	1
2.1	FPR1120T-TMC	Cisco FPR1120 Threat Defense Threat, Malware and URL License	1
2.1.1	L-FPR1120T-TMC-3Y	Cisco FPR1120 Threat Defense Threat, Malware and URL 3Y Subs	1
2.2	SF-F1K-TD7.4-K9	Threat Defense software v7.4 for 1000 Series appliances	1
2.3	FPR1K-RM-SSD200-	Cisco Firepower 1K Series 200GB for FPR-1120/1140	1
2.4	FPR1K-RM-ACY-KIT	Cisco Firepower 1K Series Accessory Kit for FPR-1120/1140	1
2.5	FPR1000-ASA	Cisco Firepower 1000 Standard ASA License	1
2.6	FPR-LTP-QR-LBL	Cisco Firepower QR Label - Internal Use Only	1
2.7	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	1
2.8	CAB-CONS-USB-MINI	Console Cable 6ft with USB Type A and mini-B	1
3	**CSF1230-TD-K9**	**Secure Firewall 1230 Appliance, Threat Defense**	**1**
3.0.1	CON-SNT-CSF1230T	SNTC-8X5XNBD Secure Firewall 1230 Appliance, Threat D	1
3.1	CSF1230T-TM	CSF 1230 Threat Defense IPS & Malware Defense License	1
3.1.1	L-CSF1230-TM-3Y	CSF 1230 Threat Defense IPS & Malware Defense 3Y Subs	1
3.2	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	1
3.3	SF-F1200-TD7.7-K9	Threat Defense software 7.7 for 1200 Series Firewall	1
3.4	CAB-CONS-USB-C	Console cable, USB-C to USB-C, 6ft	1
3.5	CSF1230-BSE	Secure Firewall 1230 Essentials License	1
4	**C9500-24Y4C-A**	**Catalyst 9500 48-port x 1/10/25G + 4-port 40/100G, Advantage**	**2**
4.0.1	CON-SNT-C9504YA4	SNTC-8X5XNBD Catalyst 9500 48-port 25/100G only, Adva	2
4.1	C9500-DNA-48Y4C-A	C9500 DNA Advantage, Term License	2
4.1.1	C9500-DNA-A-3Y	Cisco Catalyst 9500 DNA Advantage 3 Year License	2
4.2	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	4
4.3	C9K-PWR-650WAC-R	650W AC Config 4 Power Supply front to back cooling	2
4.4	C9K-PWR-650WAC-R/2	650W AC Config 4 Power Supply front to back cooling	2
4.5	C9K-F1-SSD-BLANK	Cisco pluggable SSD storage	2
4.6	C9K-T1-FANTRAY	Catalyst 9500 Type 4 front to back cooling Fan	4
4.7	C9500-NW-A	C9500 Network Stack, Advantage	2
4.8	S9500UK9-1715	CAT9300/9400/9500/9600 UNIVERSAL	2
4.9	C9500-SSD-NONE	No SSD Card Selected	2
4.10	C9500-RFID-NONE	No RFID Selected	2
4.11	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2

No.	Part Number	Description	Qtt
5	**C9300-24T-A**	**Catalyst 9300 24-port data only, Network Advantage**	**1**
5.0.1	CON-SNT-C93002TA	SNTC-8X5XNBD Catalyst 9300 24-port data only, Network	1
5.1	C9300-DNA-A-24	C9300 DNA Advantage, 24-port Term Licenses	1
5.1.1	C9300-DNA-A-24-3Y	C9300 DNA Advantage, 24-Port, 3 Year Term License	1
5.2	D-DNAS-EXT-S-T	Cisco DNA Spaces Extend Term License for Catalyst Switches	1
5.2.1	D-DNAS-EXT-S-3Y	Cisco DNA Spaces Extend for Catalyst Switching - 3Year	1
5.3	TE-EMBEDDED-T	Cisco ThousandEyes Enterprise Agent IBN Embedded	1
5.3.1	TE-EMBEDDED-T-3Y	ThousandEyes - Enterprise Agents	1
5.4	C9300-NW-A-24	C9300 Network Advantage, 24-port license	1
5.5	SC9300UK9-1715	CAT9300/9400/9500/9600 UNIVERSAL	1
5.6	PWR-C1-350WAC-P	350W AC 80+ platinum Config 1 Power Supply	1
5.7	PWR-C1-350WAC-P/2	350W AC 80+ platinum Config 1 Secondary Power Supply	1
5.8	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	2
5.9	C9300-SSD-NONE	No SSD Card Selected	1
5.10	STACK-T1-50CM	50CM Type 1 Stacking Cable	1
5.11	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	1
5.12	TE-C9K-SW	TE agent for IOSXE on C9K	1
5.13	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 93xx	1
5.14	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4	1
5.15	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300	1
5.16	C9300-NM-4M	Catalyst 9300 4 x mGig Network Module	1
5.17	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
6	**UCS-M8-MLB**	**UCS M8 RACK MLB - Cisco UCS C220 M8 bundle with NVIDIA L4 GPU**	**1**
6.1	DC-MGT-SAAS	Cisco Intersight SaaS	1
6.1.1	DC-MGT-IS-PVAPP-ES	Infrastructure Services PVA - Essentials	1
6.1.2	SVS-DCM-SUPT-BAS	Cisco Support Standard for DCM	1
6.1.3	DC-MGT-UCSC-1S	UCS Central Per Server - 1 Server License	1
6.1.4	DC-MGT-ADOPT-BAS	Intersight - Virtual adopt session http://cs.co/requestCSS	1
6.2	UCSC-C220-M8E3S	UCS C220 M8 Rack w/o CPU, mem, drives, 1U w E3.S backplane	1
6.2.1	CON-SNT-UCSCC28S	SNTC-8X5XNBD UCS C220 M8 Rack w/o	1
6.2.2	UCSC-O-N6CD25GFO	NVIDIA OEM MCX631432AC-ADAB CX6Lx 2x25G SFP28 x8 OCP NIC	
6.2.3	UCS-M2-HWRAID2	Cisco Boot optimized M.2 Raid controller for SATA drives	1
6.2.4	UCS-M2-960G-D	960GB M.2 SATA Micron G2 SSD	2
6.2.5	UCS-TPM-002D-D	TPM 2.0 TCG FIPS140-2 CC+ Cert M7 Intel MSW2022 Compliant	1
6.2.6	UCSC-RAIL-D	Ball Bearing Rail Kit for C220 & C240 M7/M8 rack servers	1
6.2.7	UCSC-BZL-C220-D	C220 M7 and M8 Security Bezel	1
6.2.8	UCS-MRX64G2RE5	64GB DDR5-6400 RDIMM 2Rx4 (16Gb)	8

No.	Part Number	Description	Qtt
6.2.9	UCSC-RIS1A-220M8	UCS C220 M8 Riser 1A PCIe Gen5 x16 HH	1
6.2.10	UCSC-RIS2A-220M8	UCS C220 M8 Riser 2A PCIe Gen5 x16 HH	1
6.2.11	UCSC-RIS3A-220M8	UCS C220 M8 Riser 3A PCIe Gen5 x16 HH (CPU2)	1
6.2.12	UCS-NVE11T6K1P	1.6TB E3.S1T KCD8XPJE HgPerf HgEnd Gen5 3X NVMe (SIE SCEF)	2
6.2.13	UCSC-P-I8D25GF-D	Cisco-Intel E810XXVDA2 2x25/10 GbE SFP28 PCIe NIC	1
6.2.14	NV-GRID-PCS-3YR	NVIDIA GRID Software Subscription - VDI PC 1CCU - 3 Year	5
6.2.15	NV-GRID-WKS-3YR	NVIDIA Quadro SW Subscription - vDWS 1CCU - 3 Year	3
6.2.16	UCSC-GPU-L4	NVIDIA L4:70W, 24GB, 1-slot HHHL GPU	1
6.2.17	UCSC-P-I8D25GF-D	Cisco-Intel E810XXVDA2 2x25/10 GbE SFP28 PCIe NIC	1
6.2.18	UCSC-PSU1-1600W-D	UCS 1600W AC PSU Platinum (Not EU/UK Lot 9 Compliant)	2
6.2.19	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	2
6.2.20	UCS-CPU-I6730P	Intel I6730P 2.5GHz/250W 32C/288MB DDR5 6400MT/s	2
7	**SFP-10G-SR-S=**	10 Gigabit Ethernet short-range SFP+ optical transceiver module for multimode fiber	**10**
8	**SFP-25G-SR-S=**	25 Gigabit Ethernet short-range SFP28 optical transceiver module for multimode fiber	**15**
9	**Stulz PAC CRS 211A**	Cooling infrastructure for maintaining optimal temperature and humidity in data center environments with N+1 configuration and essential support materials	**2**
10	**Bare Metal Hypervisor / Virtualization Platform**	Virtualization platform License for hosting and managing virtual machines on physical servers	**32**
11	**Latest Veeam Backup & Replication**	Backup and replication software license for IT infrastructure protection	**10**
12	**Latest Microsoft Windows Server Datacenter Edition License (16 Core-pack)**	Latest server operating system license with unlimited virtualization rights for Windows Server virtual machines	**8**

2.4 Additional Hardware and Software

No.	Part Number	Description	Qtt
1	UCS-M8-MLB	UCS 220 M8 RACK MLB	2
1.1	DC-MGT-SAAS	Cisco Intersight SaaS	2
1.1.1	DC-MGT-IS-PVAPP-ES	Infrastructure Services PVA - Essentials	4
1.1.2	SVS-DCM-SUPT-BAS	Cisco Support Standard for DCM	2
1.1.3	DC-MGT-UCSC-1S	UCS Central Per Server - 1 Server License	4
1.1.3	DC-MGT-ADOPT-BAS	Intersight - Virtual adopt session http://cs.co/requestCSS	2
1.2	UCSC-C220-M8E3S	UCS C220 M8 Rack w/o CPU, mem, drives, 1U w E3.S backplane	4
1.2.0.1	CON-SNT-UCSCC28S	SNTC-8X5XNBD UCS C220 M8 Rack w/o	4
1.2.1	ISM-MANAGED	Deployment mode for C Series Servers in Standalone mode	4
1.2.2	UCSC-O-N6CD25GFO	NVIDIA OEM MCX631432AC-ADAB CX6Lx 2x25G SFP28 x8 OCP NIC	4
1.2.3	UCS-M2-HWRAID2	Cisco Boot optimized M.2 Raid controller for SATA drives	4

No.	Part Number	Description	Qtt
1.2.4	2 x UCS-M2-960G-D	960GB M.2 SATA Micron G2 SSD	8
1.2.5	UCS-TPM-002D-D	TPM 2.0 TCG FIPS140-2 CC+ Cert M7 Intel MSW2022 Compliant	4
1.2.6	UCSC-RAIL-D	Ball Bearing Rail Kit for C220 & C240 M7/M8 rack servers	4
1.2.7	UCSC-BZL-C220-D	C220 M7 and M8 Security Bezel	4
1.2.8	CIMC-LATEST-D	IMC SW (Recommended) latest release for C-Series Servers.	4
1.2.9	UCS-DDR5-BLK	UCS DDR5 DIMM Blanks	96
1.2.10	UCSC-OCP3-KIT-D	C2XX OCP 3.0 Interposer W/Mech Assy	4
1.2.11	UCSC-HSLP-C220M8	Heatsink for C220M8, C240M8L and C240M8 w/GPU	8
1.2.12	UCSC-M2I-220M8	UCS C220 M8 internal M.2 module	4
1.2.13	UCSC-E3S1T-F	UCS C-Series E3.S 1T Drive Filler	56
1.2.14	CBL-E3S-220M8-P1	C220M8 Y cable MB P1 to E3.S BP	4
1.2.15	CBL-E3S-220M8-P2	C220M8 Y cable MB P2 to E3.S BP	4
1.2.16	CBL-E3S-220M8-P3	C220M8 Y cable MB P3 to E3.S BP	4
1.2.17	CBL-E3S-220M8-P4	C220M8 Y cable MB P4 to E3.S BP	4
1.2.18	UCS-MRX64G2RE5	64GB DDR5-6400 RDIMM 2Rx4 (16Gb)	32
1.2.19	UCSC-RIS1A-220M8	UCS C220 M8 Riser 1A PCIe Gen5 x16 HH	4
1.2.20	UCSC-RIS2A-220M8	UCS C220 M8 Riser 2A PCIe Gen5 x16 HH	4
1.2.21	UCSC-RIS3A-220M8	UCS C220 M8 Riser 3A PCIe Gen5 x16 HH (CPU2)	4
1.2.22	2 x UCS-NVE11T6K1P	1.6TB E3.S1T KCD8XPJE HgPerf HgEnd Gen5 3X NVMe (SIE SCEF)	8
1.2.23	UCSC-P-I8D25GF-D	Cisco-Intel E810XXVDA2 2x25/10 GbE SFP28 PCIe NIC	4
1.2.24	UCSC-P-I8D25GF-D	Cisco-Intel E810XXVDA2 2x25/10 GbE SFP28 PCIe NIC	4
1.2.25	2 x UCSC-PSU1-1600W-D	UCS 1600W AC PSU Platinum (Not EU/UK Lot 9 Compliant)	8
1.2.26	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	8
1.2.27	2 x UCS-CPU-I6730P	Intel I6730P 2.5GHz/250W 32C/288MB DDR5 6400MT/s	8
2	AFF-C30	NetApp AFF C30 Model	1
2.1	AFF-C30-001	NetApp AFF C30r2 HA System	2
2.2	AFF-C30A-100-C	NetApp AFF C30r2 HA System -C	1
2.3	X4032B-CF-2-C	NetApp Drive Pack NVMe SED CF 2X15.3TB -C	4
2.4	SW-ONTAPO-CF-C30-C	NetApp SW ONTAP One Package Per TB CF C30 -C	122
2.5	X60130A-C	NetApp IO Module 2PT 100GbE -C	2
2.6	X60132A-C	NetApp IO Module 4PT 10/25GbE -C	2
2.7	X66211A-05-N-C	NetApp Cable 100GbE QSFP28-QSFP28 Cu 0.5m -C	2
2.8	X66250-5-N-C	NetApp Cable LC-LC OM4 5m -C	8
2.9	X65404-N-C	NetApp SFP28 25GbE SR -C	8
2.10	X5532A-N-C	NetApp Rail 4-Post Thin Rnd/Sq-Hole Sm Adj 24-32 -C	1
2.11	X800-42U-R6-C	NetApp Jumper Crd In-Cab C13-C14 -C	2
2.12	X97602A-C	NetApp Power Supply 1600W Titanium -C	2

No.	Part Number	Description	Qtt
2.13	DATA-AT-REST-ENCRY	NetApp Data at Rest Encryption Capable Operating Sys	2
2.14	CS-G1C-BE-BASIC	NetApp SupportEdge Restricted Basic	1
2.15	SW-SMIRROR-CLD-ONT	NetApp Software SnapMirror Cloud ONTAP One	1
2.16	SW-S3-SM-ONTAP-ONE	NetApp Software ONTAP One	1
2.17	PS-TMS-CONSLT-DAY-	NetApp Prepaid days TE PO Exp @ 1yr no refund	2
2.18	PS-TMS-CONSLT-DAY-	NetApp Prepaid Conslt days PO Exp at 1yr no refund	5
2.19		Service Period : 36 months	
3	**Latest Microsoft Windows Server Datacenter Edition License (16-core pack)**	Latest server operating system license with unlimited virtualization rights for Windows Server virtual machines.	7
4	**Bare Metal Hypervisor / Virtualization License (160 Cores)**	Virtualization platform License for hosting and managing virtual machines on physical servers.	160

2.5 Network Upgrade

- Deploy and configure Cisco C9300 StackWise ready – Core Switch 01 and Core Switch 02– with VLAN, SVI, HSRP, and routing protocol for HA ready design per the HLD.
- Deploy and configure Cisco FPR1120-NGFW single unit, HA-ready Active/Standby HA pair running Cisco Firepower Threat Defense (FTD), Advance Malware Detection (AMD), and URL Filtering with zone-based policy, Network Address Translation (NAT), Intrusion Prevention System (IPS), Application Visibility and Control (AVC), and Demilitarized Zone (DMZ) leg per HLD.
- Deploy and configure Cisco CSF1230 server farm NGFW – single unit, HA-ready – with zone-based east-west and north-south inspection policies per the HLD.
- Deploy and configure Cisco C9500 StackWise Virtual server farm switch – 2 units for HA, SVL pre-staged – with 10G interconnects to CSF1230 and 25G to New Servers.
- Deploy and configure Cisco C8300-1N1S-4T2X routers on Core WAN01..
- Establish isolated DMZ segment on FPR1120 dedicated DMZ interface – default-deny policy, WAF/Reverse Proxy placement per HLD Zone 5 design.

- Validate all link speeds per HLD Section 5.3: 25G CSF1230-to-C9500, 10G FPR1120-to-C9300..
- Validate all six security zones and inter-zone traffic flows (North-South, DMZ Inbound, and East-West) per HLD Section 5.2.
- Preserve all IP addresses, VLAN IDs, and routing domains as defined in the HLD IP Preservation Register
- Label all cables with the proper convention name.

2.6 Security Enhancement

- Configure Cisco FTD stateful inspection, NGIPS, and Application Visibility and Control (AVC) on the FPR1120 perimeter firewall pair managed via FMC or FDM.
- Configure CSF1230 server farm NGFW with deep packet inspection and threat intelligence enforcement on all east-west and north-south server traffic.
- Apply updated security configurations to all refreshed systems in compliance with ANP organizational security policy and applicable frameworks (ISO 27001 and other security frameworks).
- Establish and document all firewall zone policies and rule sets. All inter-zone rules must be explicit – no implicit permit rules are permitted.
- Deliver post-implementation Security Compliance Review documenting alignment of all deployed configurations with security requirements.

2.7 Server Virtualization Migration

- Rack, cable, and join new hypervisor host hardware to the new HA cluster in Phase 0 (pre-migration preparation).
- Provision virtual switch port-groups on the new hypervisor to match legacy VLAN IDs, MTU settings, and team/failover policies before any VM migration begins.
- Execute per-VLAN VM migration sequence per HLD Section 7.4: validate new host SVRSW uplinks on C9500, provision port-groups, migrate SVRSW VLAN uplink from C9300 to C9500, migrate VMs via live migration (vMotion/equivalent) or warm migration where cross-version live migration is not supported.

- Maintain 72-hour soak period per VLAN following migration before legacy host decommissioning. Legacy hosts remain powered and connected during soak.
- Update SNMP, NMS, and IPAM records to reflect new host management IPs following each VLAN migration.
- Rollback plan: legacy hosts remain powered and VMs can be live-migrated back within minutes if application issues are encountered during soak.
- Decommission legacy hypervisor hosts following successful soak sign-off by both network and server/application teams.

2.8 High Availability Commissioning

The Vendor shall demonstrate and document the following HA capabilities before final acceptance:

- FPR1120 HA failover test: force failover via FMC or direct to FPR 1120 Device Management.
- C9300 StackWise Virtual: force failover via C9300 Device Management.
- CSF1230 HA (once second unit is added): force failover via FMC or direct to CSF 1230 Device Management .
- C9500 StackWise Virtual (once second unit is added): remove uplinks from one and verify the traffic will distribute to other member uplink.
- The Vendor shall also provide documentation for the HA-ready single-device deployment commitments for CSF1230 and C9500: pre-run cabling with dust caps, staged SVL config on C9500-A, and staged HA config on CSF1230 – all ready for rapid second-unit addition in a future phase. This documentation must include a step-by-step guide for ANP to add the second unit independently, confirming that no re-design or re-cabling of the primary device is required.

3. Documentation Deliverables

The Vendor shall deliver complete and current documentation for all implemented systems. All documents must be reviewed and accepted by ANP before the relevant project phase is formally closed.

No	Deliverable	Phase Due	Format
1	Infrastructure Assessment Report	Phase 0 – Assessment	PDF / DOCX
2	Detailed Implementation Plan (with phased timeline & RACI)	Phase 0 – Planning	PDF / DOCX
3	Low-Level Design (LLD) – all design domains	Phase 1 – Design	PDF / DOCX
4	Network Architecture Diagrams (logical, physical, cabling)	Phase 1 – Design	Visio / PDF
5	Updated IP Addressing Scheme & VLAN Register	Phase 1 – Design	Excel / PDF
6	Device Configuration Documentation (all new & reconfigured devices)	Phase 3 / Phase 4	PDF
7	Firewall Zone Policy & Rule Set Documentation	Phase 3	PDF
8	VM Migration Log & Per-VLAN Soak Sign-off Records	Phase 4	Excel / PDF
9	HA Commissioning Test Results	Phase 4 / Phase 5	PDF
10	Standard Operating Procedures (SOPs) – maintenance, monitoring, troubleshooting	Phase 5 – Handover	PDF / DOCX
11	Post-Implementation Report (all changes & final configurations)	Phase 5 – Handover	PDF / DOCX
12	Asset Disposal Certificates	Phase 5 – Handover	PDF
13	Training Materials, Guides & Manuals	Phase 5 – Handover	PDF / DOCX

4. Requirements

The Vendor shall provide structured knowledge transfer and training to ANP staff. Training must be completed before project handover and formal acceptance in ANP office or in the nearest principal office.

4.1 Training Scope

- Overview and walk-through of all newly deployed systems and configurations (network, security, virtualization, switching, virtualization, and cooling system).
- Hands-on training on daily operations, monitoring tools, and administration tasks relevant to each technology domain.
- Troubleshooting procedures for common incidents across all deployed systems.
- Best practices for system maintenance, patching, configuration management, and change control.

4.2 Training Deliverables

- Training sessions for a minimum of five ANP relevant staff members.
- Training materials, lab guides, Configuration and Procedure, and reference manuals shall be provided to all attendees in an editable format.
- Training session completion records and attendance registers submitted as a project deliverable.
- Post-training assessment or Q&A session to validate knowledge transfer.

5. Commercial Requirements

5.1 Proposal Submission

Vendors shall submit a complete proposal addressing all sections of this RFP by the deadline stated on the cover page. Proposals submitted after the deadline will not be evaluated. Submissions must be in English or Tetun and in PDF format unless otherwise instructed.

5.2 Separate Financial Proposal – Additional Hardware and Software licensing

In addition to the primary scope defined in Section 2.4, vendors are required to submit a separate, standalone financial proposal for the additional server and storage hardware specified below. This proposal must be submitted as a distinct, clearly labelled document (or clearly separated annex) and must not be combined with the primary pricing schedule. ANP will evaluate and process this supplementary proposal independently from the main infrastructure modernization scope.

6. Selection Criteria

Interested vendor/company is requested to provide following information in their proposal and indicate the abilities to perform the services:

1. Company experiences and capacity to perform the scope of work;
2. Vendor Qualification and Key Personal Qualification CV's to perform the scope of work;
3. Proposed Methodology based on on the scope work;
4. Work Program and Timelines;
5. Declaration of conflicts of interest;
6. Timor-Leste Commercial/Business Registration Certificate including valid tax certificate and company share capital;
7. Declaration of affiliation. The overseas company is required to declare affiliaction with local company (if any);
8. Company organization structure;
9. Bank Statements within the last 3 months transaction from the date of the proposal submission;
10. Financial Proposal for supplying the ICT equipments;
    - The fee proposed must be a total fixed price quoted by indicating a total gross amount in USD which is 10% Withholding Tax included.
    - No amount other than the proposed total fixed price shall be paid.

Note:

- *The proposal shall be submitted within one sealed envelope of the technical and financial proposal to ANP and shall be written in English in sequence/following the numbering in the selection criteria outlined above;*
- *Any submission that does not comply with the required sequence numbering criteria shall be considered non-responsive and may be disqualified from further evaluation.*
- *While the price is an important factor, it will not be the primary consideration in evaluating responses to this RFP.*

7. Proposal Submission

A Request for Proposal should be in a sealed envelope, marked "**Confidential**" and outline the procurement reference number for the attention of the ANP procurement department.The submissions of proposals shall be made through:

a. Electronic submissions shall be made through E-mail: procurement@anp.tl; and
b. Hard copy submission shall be deliverd to ANP Office at City 8 Compound, Rua Has-Laran, Aldeia Fomento II, Suco Comoro, Dom Aleixo, Dili, Timor-Leste. A soft copy of the proposal is also required and shall be submitted to the email address: procurement@anp.tl.

8. Pre-Bid Meeting and Site Visit

Interested vendors are required to attend the **Pre-Bid Meeting** at the ANP Office on **14 July 2026**, from **09:00 to 10:30**.

Following the Pre-Bid Meeting, all interested vendors are required to arrange a **mandatory site visit** to the ANP Data Center located at the **Ministry of Finance Office, Ai-Tarak Laran** and conducting details technical assessment.

9. Bid Security

The bid security will be provided by the successful bidder when the service is awarded and upon signing the contract agreement, equivalent to 10% of the total net awarded.

10. Closing Date

The bidding process will be closed on **17, August 2026** at 16.00 Timor-Leste time.

Late applications will not be considered.

11. Further information

Requests for further procurement information should be made by email to: procurement.queries@anp.tl or contact these number +670 73099995 / 73099996, for technical queries and detail technical assessment shall liaise with Mrs, Lidya Fatima at lidya.fatima@anp.tl

Date, 7 of July 2026

Humberto Pereira
Procurement Manager