

Edifício do Ministério das Finanças, Pisos 6 e 7, Aitarak Laran, Díli, Timor-Leste
Apartado 113, Telefone: +670 73099995 / 73099996

REQUEST FOR PROPOSAL (RFP)
Supply IT Hardware & Software and Installation
ANPM/PROC/RFP/19/003

I. Background

Autoridade Nacional do Petróleo e Minerais (ANPM) is Timor-Leste public institution, created under Decree Law No. 1/2016 of 9th February, 1st amendment of Decree-Law No.20/2008 of 19th June, on the Autoridade Nacional do Petróleo (ANP), responsible of managing and regulating petroleum and mining activities in Timor-Leste area, both offshore and onshore and in the Joint Petroleum Development Area (JPDA) in accordance with the Decree Law on the establishment of the ANPM, the Timor-Leste Petroleum Activities Law, the Timor Sea Treaty and the Mining Code.

The ANPM is to establish and supervise compliance with the enacted rules and regulations covering the exploration, development, production, transportation and distribution of petroleum, natural gas resources and mineral. It is also tasked to develop a strong petroleum and mineral management institution in Timor-Leste

The Information and Technology has important roles to support all aspect of ANPM business process, it's therefore, through the ANPM IT Department, we would like to improve the existing ANPM IT Infrastructure and Services by procuring additional hardware and software including installation and services of items listed on the following scope of work.

II. Scope of Work

LOT A – CISCO Blade Server				
<ul style="list-style-type: none">The supplier shall include the installation, configuration, documentation and training of following items in coordination with ANPM IT Department to align with the existing ANPM IT infrastructure.Any online registration of following items must be under ANPM account.Three years of manufacturer warranty and support contract for items listed on this lot.				
No	Product	Description	Qty	Unit (s)
1.	CISCO Blade Server	<ul style="list-style-type: none">- Model: UCSB-B200-M4- CPU Cores: 28 CPUs x 2.394 Ghz- Processor Type: 2 x Intel(R) Xeon(R) CPU E5-2680 v4 @ 2.40Ghz- RAM: 16 x 32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v- 1 x Enable memory mirroring- 1 x Cisco UCS VIC 1340 modular LOM for blade servers- 1 x Cisco UCS VIC 1380 mezzanine adapter for blade servers- 1 x Cisco ONE Data Center Compute Opt Out	1	Package

		<p>Option</p> <ul style="list-style-type: none"> - Processor Socket: 2 - Core Per Socket: 14 - Logical Processors: 56 - Adapter: 2 - SD Card: 2x32GB - Installation, Configuration, Documentation and Training are included 		
2.	VMware vSphere 6 Enterprise Plus Licensed for 2 physical CPUs	<p>Product Features:</p> <ul style="list-style-type: none"> - Unlimited virtual SMP - H.264 for Remote Console Connections - vCenter agent for VMware host - vSphere API - Content Library - Storage APIs - VMsafe - vSphere vMotion - X-Switch vMotion - vSphere HA - vSphere Data Protection - vShield Endpoint - vSphere Replication - vShield Zones - Hot-Pluggable virtual HW - vSphere Storage vMotion - Shared Smart Card Reader - vSphere FT (up to 4 virtual CPUs) - Virtual Volumes - APIs for Storage Awareness - Storage-Policy Based Management - vSphere Storage APIs for Array Integration - vSphere DRS - Remote virtual Serial Port Concentrator - MPIO / Third-Party Multi-Pathing - Big Data Extensions - Reliable Memory - vSphere Distributed Switch - vSphere Host Profiles - vSphere Auto Deploy - SR-IOV - vSphere Storage I/O Control - Direct Path vMotion - vSphere Storage DRS - vSphere vMotion Metro - vSphere View Accelerator - vSphere App HA - vSphere Flash Read Cache - Cross Virtual Center vMotion - vGPU 	1	Unit
3.	Veeam Backup and Replication 9.5 Enterprise Plus	<ul style="list-style-type: none"> - HIGH-SPEED RECOVERY - Entire VM Recovery - File level Recovery - Item level Recovery - DATA LOSS AVOIDANCE - Backup - Storing Backup 	1	

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	(perpetual) for 8 Physical CPUs	<ul style="list-style-type: none"> - Replication - VERIFIED RECOVERABILITY - Veeam DataLabs - Secure Restore - SureBackup - SureReplica - LEVERAGED DATA - Veeam DataLabs - Staged Restore Backup - On-Demand Sandbox - On-Demand Sandbox for Storage Snapshots - COMPLETE VISIBILITY - Support for VMware vSphere and Microsoft Hyper-V - Built-in Management for Veeam Agents - vSphere Web Client Plug-in - Standalone console - Role-Based Access Control - Centralized Management Web UI - Guest file system indexing - vCloud Director support - OTHER CAPABILITIES - Multiple storage access options - Changed block tracking - File Manager - Quick Migration - Task automation 		Package
4.	HPE D2700 Disk Enclosure - AJ941A	<ul style="list-style-type: none"> - Host interface: 6 Gb/sec SAS - Supported Drives: SAS-2 - 25 x 2.5" HDD SAS 900GB 15k rpm - HDD Type: HDD - hot-swap - Expansion Bays: 25 (total) / 25 (free) x hot-swap - 2.5" SFF - 2 x SAS cable - 1.6 ft - Rack Mounting Kit: Included - Power Device: 2 x internal power supply - hot-plug - Voltage Required: AC 120/230 V - 50/60 Hz - Power Redundancy Scheme: 1+1 	1	Package

LOT B – Network Thin Client				
		<ul style="list-style-type: none"> Any online registration of following items must be under ANPM account. Three years warranty and support for items listed on this lot. 		
No	Product	Description	Qty	Unit (s)
1	25 Units x Samsung 23.6” Network/Thin Client (TC242W)	CPU AMD GX-222 2.2GHz Dual Core <ul style="list-style-type: none"> - RAM 4 GB DDR3 SDRAM - Hard Drive 32GB SSD - Screen 23.6” Full HD - Networking Ethernet, FE, GE - Accessories required such as mouse and keyboard - 25 x Citrix Virtual Apps and Desktops Premium Edition perpetual license - Per User/Device 	1	Package

LOT C - CCTV	
<ul style="list-style-type: none"> The supplier shall include the installation, configuration, and documentation and connection diagram of following items in coordination with ANPM IT Department to align with the existing ANPM IT infrastructure. Any associated accessories such as mounting brackets and connection cables (STP Cat6a) are included. 	

- Supplier is welcome to perform the site survey.
- Supplier also required to perform the dismantle of the existing surveillance system at the site
- Any online registration of following items must be under ANPM account
- Two years warranty for items listed on this lot.

No	Product	Description	Qty	Unit (s)
1.	Samsung XRN-2010 Network Video Recorder	6TB Pre-installed storage • Up to 32CH, Max. 12MP Camera supported • 256Mbps network camera recording • Support 4K video out on HDMI monitor • Support Dual monitor video out • Support H.265, H.264, MJPEG compression • WiseStream support • Max. 8 internal fixed HDDs (48TB), e-SATA / iSCSI storage support • ARB & Failover (N+1) support • 440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U) • 100 ~ 240V AC $\pm 10\%$, 50/60Hz / 4 ~ 1.5A • 1x HDMI, 1x VGA dual monitor • Interface RJ-45, Gigabit ethernet x 2 • Protocol Support TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI (Server, Client) DDNS iPOLiS DDNS • Transmission Bandwidth 512Mbps (iSCSI off), 256Mbps (iSCSI on) • Max. Remote Users Search 3 / Live unicast 10 / Live multicast 20 • IP IPv4 / IPv6 • Security IP address filtering, User access log, 802.1x authentication, Encryption	1	Unit
2.	Hanwha Techwin WiseNet Lite 2MP Outdoor Network Bullet Camera SNO-L6083R	Max. 2megapixel (1920 x 1080) resolution • 2.8 ~ 12mm (4.3x) varifocal lens • 0.095Lux@F1.4 (Color), 0Lux@F1.4 (B/W : IR LED on) • 30fps@all resolutions (H.264) • H.264, MJPEG dual codec, Multiple streaming • Motion detection, Tampering, DWDR • IR viewable length 20m, IP66, IK10 • Hallway view support (Rotate 90°/270°) • LDC support (Lens Distortion Correction) • RJ-45 (10/100BASE-T) Ethernet • H.264, MJPEG Video Compression Format • Resolution 1920 x 1080, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 320 x 240 • Max. Framerate H.264 : Max. 30fps at all resolutions MJPEG : Max. 1fps at 1920 x 1080, 1280 x 960, 1280 x		

		720, 1024 x 768, Max. 15fps at other resolution • Video Quality Adjustment H.264 : Target bitrate level control, MJPEG : Quality level control Bitrate Control Method H.264 : CBR or VBR, MJPEG : VBR • Audio Compression Format G.711 u-law / G.726 selectable G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps • IP IPv4, IPv6 • Protocol TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour • Security HTTPS(SSL) login authentication, Digest login authentication • Input Voltage / Current PoE (IEEE802.3af, Class2) • Outdoor mounting kit included	15	Units
3.	Hanwha Techwin WiseNet Lite 2MP Indoor IR Dome Camera SND- L6083R	• Max. 2megapixel (1920 x 1080) resolution • 2.8 ~ 12mm (4.3x) varifocal lens • 0.095Lux@F1.4 (Color), 0Lux@F1.4 (B/W : IR LED on) • 30fps@all resolutions (H.264) • H.264, MJPEG dual codec, Multiple streaming • Motion detection, Tampering, DWDR • IR viewable length 20m, IP66, IK10 • Hallway view support (Rotate 90°/270°) • LDC support (Lens Distortion Correction) • RJ-45 (10/100BASE-T) Ethernet • H.264, MJPEG Video Compression Format • Resolution 1920 x 1080, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 320 x 240 • Max. Framerate H.264 : Max. 30fps at all resolutions MJPEG : Max. 1fps at 1920 x 1080, 1280 x 960, 1280 x 720, 1024 x 768, Max. 15fps at other resolution • Video Quality Adjustment H.264 : Target bitrate level control, MJPEG : Quality level control Bitrate Control Method H.264 : CBR or VBR, MJPEG : VBR • Audio Compression Format G.711 u-law / G.726 selectable G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps • IP IPv4, IPv6 • Protocol TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour • Security HTTPS(SSL) login authentication, Digest login authentication • Input Voltage / Current PoE (IEEE802.3af, Class2) • Indoor mounting kit included	25	Units

4.	TP Link TL-SG2424P 24 ports PoE	<ul style="list-style-type: none"> Standards and Protocols IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1p Interface 24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 Combo 100/1000Mbps SFP Slots Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 1000BASE-X: MMF, SMF Power Supply 100~240VAC, 50/60Hz PoE+ Ports(RJ45) Standard: 802.3at/af compliant PoE+ Ports: 24 Ports Power Supply: 180W 	2	Units
5.	TP Link TL-SG1008PE 8 ports PoE+	<ul style="list-style-type: none"> Interface 8 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) Power Supply 100-240VAC, 50/60Hz PoE+ Ports(RJ45) Standard: 802.3at/af compliant PoE+ Ports: 8 Ports Power Supply: 124W 	2	Units

LOT D - IT Minor Equipment's

- The supplier shall include the installation, configuration, and documentation and connection diagram of the following items in coordination with ANPM IT Department to align with the existing ANPM IT infrastructure.
- Any online registration of following items must be under ANPM account
- The supplier may require to perform installation of hardware and/or software of the following items
- Two years warranty for items listed on this lot.

No	Product	Description	Qty	Unit (s)
1.	A. APC Smart-UPS C 3000VA Rack mount LCD 230V	<ul style="list-style-type: none"> Output power capacity: 2.1 KWatts / 3.0 kVA Nominal Output Voltage: 230V Input frequency: 50/60 Hz +/- 3 Hz (auto sensing) Input Connections: IEC-320 C20 Input voltage range for main operations: 180 - 287V 	4	Units
	B. APC Smart-UPS 1500VA LCD 230V	<ul style="list-style-type: none"> Output power capacity: 1.0KWatts / 1.5 kVA Nominal Output Voltage: 230V Input frequency: 50/60 Hz +/- 3 Hz (auto 	10	Units

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		sensing) - Input Connections: IEC-320 C13 - Input voltage range for main operations: 160 - 286V - Other Input Voltages: 220, 240		
2.	A. External HDD RAID	WD 20TB My Book Duo Desktop RAID External Hard Drive - USB 3.1 - 2 x 10TB WD Red Hard Drives - Two Drive Bays - USB 3.0 Type-C & USB Type-A Interfaces - Supports RAID 0, 1, and JBOD - Configured as RAID 0 - Sequential Read Speeds of up to 360 MB/s - 2-Port USB 3.0 Hub - 256-Bit AES Encryption - AC Input Power: 100 to 240 VAC, 50 / 60 Hz - Includes AC Adapter	2	Units
	B. External HDD Seagate	Seagate Backup Plus Hub Drive 10TB STEL10000400 - 10TB Storage Capacity - 1 x Micro-USB 3.0 (Micro-B 10-pin) Port - 2 x USB 3.0 Type-A Ports - Up to 160 MB/s Data Transfer Speed - USB 2.0 Compatible - Includes USB 3.0 Cable - Includes AC Adapter"	10	Units
3.	A. Mac Book Pro	2018 Apple MacBook Pro 13.3" Retina Display - Silver - Processor: Intel Core i7 Dual-Core - Base Clock Speed: 2.5 GHz - Maximum Boost Speed: 4.0 GHz - Total Capacity: 512GB PCIe SSD - Total Installed Memory: 16 GB - Memory Type: LPDDR3 SDRAM - Graphic Card: PU Intel Iris Plus Graphics 640 - Display: 2 x Display Port via Thunderbolt Port - Ports 2 x Thunderbolt 3 via USB Type-C - Wi-Fi: Wi-Fi 5 (802.11ac); Dual-Band (2.4 & 5 GHz) - Latest MacOS - Laptop bag included	8	Units
	B. Mac Book Pro USB-C Hub	Sanho HyperDrive Duo USB-C Hub for MacBook Pro - 2 x USB 3.1 Ports - Thunderbolt 3, HDMI Ports - USB Type-C - SD and MicroSD Card Slots	8	Units
	C. Mac Book Pro Mouse	Apple Magic Mouse 2 (Silver) - Wireless Bluetooth Connectivity - Built-In Rechargeable Battery - Optimized Foot Design - Lightning to USB Cable Included	8	Units
4.	A. Laptop	Dell 13.3" XPS 13 9370 Multi-Touch Laptop - CPU 1.8-GHz Intel Core i7-8550U processor - Operating System Windows 10 Pro 64-Bit - RAM 16GB 2133 MHz LPDDR3 - Hard Drive Size 1 TB		

		<ul style="list-style-type: none"> - Hard Drive Type PCIe SSD - Display Size 13.3 - Highest Available Resolution 3840 x 2160 - Native Resolution 3840 x 2160 - Graphics Card Intel UHD Graphics 620 - Wi-Fi 802.11ac - Bluetooth Bluetooth 4.2 - Touchpad Size 4.1 x 2.3 inches - Ports (excluding USB) security lock slot - 2 x Thunderbolt 3 ports - 1 x USB 3.1 Gen 1 - Card Slots microSD - Warranty/Support 1-year limited warranty - AC Input Power 100 to 240 VAC, 50 / 60 Hz - Laptop Bag 	6	Units
	B. Microsoft Wireless Mouse 1850 (Black)	Microsoft Wireless Mouse 1850 (Black) <ul style="list-style-type: none"> - 2.4 GHz Wireless - Scroll Wheel - Plug-and-Go Nano Transceiver - Use in Left or Right Hand - Battery Powered (1x AA) - Compact Design - Mac and Windows Compatible 	6	Units
	C. Dell Business Thunderbolt Dock TB16 with 240W Adapter	Dell Business Thunderbolt Dock TB16 with 240W Adapter <ul style="list-style-type: none"> - 2 x USB 2.0 ports. - 3 x USB 3.0 ports. - 1 x VGA port. - 1 x HDMI port. - 1 x Thunderbolt 3 (USB-C) port. - Speaker output (rear). - Combo audio (front). - Gigabit Ethernet. - Kensington Lock Slot. - 7.4 mm DC-IN Power Input. - Power adapter 240 Watt AC 120/230V (50/60 Hz) 	6	Units
5.	A. INTEL FTLX1471D3BCV-I3 SFP TRANSCEIVER MODULE - 10GBASE-LR	INTEL FTLX1471D3BCV-I3 SFP TRANSCEIVER MODULE - 10GBASE-LR <ul style="list-style-type: none"> - CONNECTIVITY TECHNOLOGY: WIRED - CABLING TYPE: 10GBASE-LR - DATA LINK PROTOCOL: GIGABIT ETHERNET, 10 GIGABIT ETHERNET - OPTICAL WAVE LENGTH: 1310 NM 	4	Units
	B. QNAP LAN-10G2SF-MLX Dual-port 10GbE SFP+	QNAP LAN-10G2SF-MLX Dual-port 10GbE SFP+ <ul style="list-style-type: none"> - Series: 10GbE PCI-Express Card - Model: LAN-10G2SF-MLX - Type: Dual-Port SFP+ PCI-Express (Mellanox CX3) 	4	Units
	C. TRX-10GSFP-SR-MLX; Mellanox MFM1T02A-SR SFP+ Optical Module	TRX-10GSFP-SR-MLX; Mellanox MFM1T02A-SR SFP+ Optical Module <ul style="list-style-type: none"> - Series: Transceiver - Model TRX-10GSFP-SR-MLX - Type 10GbE Transceiver (Mellanox) 	4	Units

	D. IBM 45W2411 Compatible 10GBASE-SR SFP+ Transceiver Module	IBM 45W2411 Compatible 10GBASE-SR SFP+ Transceiver Module - Form Factor: SFP+ - Port Interface: 1 x 10GBase LC - Interface Details: 10GBase SR - Data Rate: 8 Gbps to 11.3 Gbps - Wavelength: 850 nm - Temperature Range: Commercial 0°C to 70°C - Digital Diagnostics (DDM): Yes - Connection: Multi-mode Fiber (MMF)	2	Units
	E. SFP-10G-SR Cisco 10Gbps 10GBase-SR Multi-mode Fibre 300m 850nm SFP+ Transceiver	SFP-10G-SR Cisco 10Gbps 10GBase-SR Multi-mode Fibre 300m 850nm SFP+ Transceiver - Product Type: SFP+ - Product Model: GLC-LH-SM - Product Name: 10GBASESR SFP+ Module - Application / Usage: Data Networking - Interfaces / Ports: 1x LC Duplex 10GBase-SR - Data Transfer Rate: 10Gbps - Data Link Protocol:: 10Gigabit Ethernet - Optical Wavelength: 300m 850nm - Media Type Supported: Optical Fiber - Fibre Mode Supported: Multi-mode Fibre - Network Technology: 10GBase-SR - Form Factor: Plug-in module - Connectivity Technology: Wired	8	Units
	F. 10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC)	10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC) - 3M length LC/LC, OM3 Rated - 10gb Ethernet speed to 300 meters @850nm - Use with VCSEL and LED laser light sources - High-Speed, High-Bandwidth, Low-Cost - Backward compatible with legacy LAN's - Ideal for Fibre Channel (SAN) applications - IEEE 802.3ae and TIA LOMMF compliant - Fiber Type: Corning ClearCurve	16	Units
	G. 10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC)	10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC) - 2M length LC/LC, OM3 Rated - 10gb Ethernet speed to 300 meters @850nm - Use with VCSEL and LED laser light sources - High-Speed, High-Bandwidth, Low-Cost - Backward compatible with legacy LAN's - Ideal for Fibre Channel (SAN) applications - IEEE 802.3ae and TIA LOMMF compliant - Fiber Type: Corning ClearCurve	16	Units

LOT E - Microsoft Windows 10 Pro and Office 365

	<ul style="list-style-type: none"> The supplier may require to perform installation of hardware and/or software of the following items Any online registration of the following items must be under ANPM account.
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No	Product	Description	Qty	Unit (s)
1.	Windows Pro 10	Windows Pro 10 SNGL OLP NL Legalization GetGenuine Perpetual Volume License	120	Units
2.	Office 365 Business Premium Annual Subscription	Office 365 Business Premium Annual Subscription - Office Applications included: - Microsoft Word - Microsoft Excel - Microsoft PowerPoint - Microsoft OneNote - Microsoft Outlook - Microsoft Access - Services included: - Microsoft Exchange - Microsoft OneDrive - Microsoft SharePoint - Web Application included: - Microsoft Word - Microsoft Excel - Microsoft PowerPoint	150	Units
3.	Microsoft Visio Professional 2016	Microsoft Visio Professional 2016	1	Unit

LOT F - Technical Storage

- The supplier shall include the installation, configuration, and documentation and connection diagram of the following items in coordination with ANPM IT Department to align with the existing ANPM IT infrastructure.
- Any online registration of following items must be under ANPM account.
- Five years warranty for items listed on this lot.

No	Product	Description	Qty	Unit (s)
1.	QNAP TDS-16489U-SA1;	<ul style="list-style-type: none"> - Intel® Xeon® 6-core Processor E5-2620 v3 (15M Cache, 2.40 GHz); - RAM: 64GB DDR4 RDIMM; - HDD: 4x2.5" 2TB Seagate ST2000NX0273 SAS 12Gb/s 7.2k RPM; - 1 x SAS-12G2E, 12G SAS DUAL-WIDE-PORT STORAGE EXPANSION CARD; - 4 x Intel FTLX1471D3BCV-I3 SFP+ TRANSCEIVER MODULE; - 16 x14TB NAS SAS HDD - Brand: Toshiba - Model: MG07SCA14TE - Capacity: 14TB - Type: 3.5" SAS 12Gb/s - RPM: 7200rpm - Warranty: 5yr; <p>Obs:</p> <ul style="list-style-type: none"> (1).Rack mount rails included (2).Quick Installation Guide included (3).3.5" HDD Tray included (4).Flat head screw for 3.5" HDD <p>included</p>	1	Package

2.	QNAP REXP-1620U-RP	<ul style="list-style-type: none"> - 16 x 14TB NAS SATA HDD - Brand: Toshiba - Model: MG07ACA14TEY - Capacity: 14TB - Type: 3.5" SATA 6Gb/s - RPM: 7200rpm - Warranty: 5yr <p>Obs:</p> <ul style="list-style-type: none"> (1).Rack mount rails included (2).Quick Installation Guide included (3).3.5" HDD Tray included (4).Flat head screw for 3.5" HDD <p>included</p> <ul style="list-style-type: none"> (5).2 x MINI SAS EXTERNAL CABLE (SFF-8644 TO SFF-8644), 0.5 M 	1	Package
3.	SFP-10G-SR Cisco 10Gbps 10GBase-SR Multi-mode Fibre 300m 850nm SFP+ Transceiver	<ul style="list-style-type: none"> - Product Type: SFP+ - Product Model: GLC-LH-SM - Product Name: 10GBASESR SFP+ Module - Application / Usage: Data Networking - Interfaces / Ports: 1x LC Duplex 10GBase-SR - Data Transfer Rate: 10Gbps - Data Link Protocol:: 10Gigabit Ethernet - Optical Wavelength: 300m 850nm - Media Type Supported: Optical Fiber - Fibre Mode Supported: Multi-mode Fibre - Network Technology: 10GBase-SR - Form Factor: Plug-in module - Connectivity Technology: Wired - Compatible with CISCO Nexus 5000 Series and CISCO Nexus 7000 Series 	4	Units
4.	10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC)	<ul style="list-style-type: none"> - 3M length LC/LC, OM3 Rated - 10gb Ethernet speed to 300 meters @850nm - Use with VCSEL and LED laser light sources - High-Speed, High-Bandwidth, Low-Cost - Backward compatible with legacy LAN's - Ideal for Fibre Channel (SAN) applications - IEEE 802.3ae and TIA LOMMF compliant - Fiber Type: Corning ClearCurve 	4	Units
5.	Fiber Cable 10Gb Duplex Multimode 50/125 OM3 LSZH Patch Cable (LC/LC)	<ul style="list-style-type: none"> - 30M length LC/LC, OM3 Rated - 10gb Ethernet speed to 300 meters @850nm - Use with VCSEL and LED laser light sources - High-Speed, High-Bandwidth, Low-Cost - Backward compatible with legacy LAN's - Ideal for Fibre Channel (SAN) applications - IEEE 802.3ae and TIA LOMMF compliant - Fiber Type: Corning ClearCurve 	2	Units
6.	QNAP USB-U31A2P01 PCIe Card	<ul style="list-style-type: none"> - USB 3.1 Gen 2 10Gbps Type-A Dual-port <p>PCIe Card</p>	1	Unit
7.	QNAP QSW-1208-8C 10GbE Switch	<ul style="list-style-type: none"> - 10G SFP+ (fiber) 4 ports - 10G SFP+ (fiber) and RJ-45 (copper) ports (combo) 8 ports - Form Factor Rackmounted - Switching capacity 240Gbp 		

		<ul style="list-style-type: none"> - MAC address caching capacity 27k - Number of priority queues 8 - Jumbo frame support Up to 9K packet size - Power Supply Unit 100 – 240 V AC, 50 -60 Hz, max. 2.5 A - Limited warranty 2yrs - Supported standards • IEEE 802.3 Ethernet <ul style="list-style-type: none"> • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3x Full-Duplex Flow Control • IEEE 802.1p Class of Service • IEEE 802.3az Energy Efficient Ethernet (EEE) <ul style="list-style-type: none"> • IEEE 802.3an 10GBASE-T • IEEE 802.3bz 5Gbps and 2.5Gbps Ethernet Over Copper Twisted Pair Cable • IEEE 802.3ae 10-Gigabit Ethernet Over Fiber <ul style="list-style-type: none"> • IEEE 802.3aq 10-Gigabit over Fiber (10GBASE-LRM) • IEEE 802.3z Gigabit Ethernet 1000BASE-SX/LX 	1	Unit
8.	APC Smart-UPS 5000VA 230V Rackmount	<ul style="list-style-type: none"> - Nominal Input Voltage: 230V - Input Frequency: 50/60 Hz +/- 3 Hz (auto sensing) - Input Connections: Hard Wire 3-wire - Input voltage range for main operations: 160 - 286V - Output Power Capacity: 4.0 KWatts / 5.0 kVA - Max Configurable Power (Watts): 4.0 KWatts / 5.0 kVA - Nominal Output Voltage: 230V 	2	Units

The vendor could apply the proposal of technical and financial for each LOT as per listed above, or all of the LOTS depend on the services and products based on the requirements set ford.

III. Selection Criteria

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

1. A statement confirming the capacity to perform the scope of work;
2. CV of project team members that will perform technical tasks during the implementation project;
3. Proposed Infrastructure and System Design;
4. Work Program and Timelines;
5. Statement of any potential conflicts of interest;

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6. Timor-Leste and country of origin Commercial/Business Registration Certificate including company share capital;
7. Declaration of any affiliation with local company
8. Company organization structure
9. Quotation for performing the task
 - The fee proposed must be a total fixed price quoted indicating a total gross amount in USD which is 10% Withholding Tax included.
 - Any incidental out of pocket expenses, such as travel and accommodation must be included in the overall fixed price fees submitted.
 - No amount other than the proposed total fixed price shall be paid.

Note:

- *The proposal to be submitted to ANPM shall be written in English and shall be written in sequence/following the numbering in the selection criteria outlined above.*
- *While price is an important factor, it will not be the primary consideration in evaluating responses to this RFP.*
- *The interested company shall apply one proposal for both commercial and technical proposals for each LOT based on the requirement. If the interest company proposal is not apply per LOT the proposal will be disqualified on the assessment session.*

IV. Proposal Submission

The application should be marked '**Confidential**' and for the attention of: *Mr. Nuno Belo Freitas*, the **ANPM Admin and Procurement Department – Procurement Unit** and submitted by E-mail through ANPM.Procurementbid@anpm.tl or by hand/courier to:

Autoridade Nacional do Petróleo e Minerais

Edifício do Ministério das Finanças, Pisos 6 e 7, Aitarak Laran

PO Box 113, Telephone: +670 73099995 / 73099996

Website: www.anpm.tl

Dili, Timor – Leste


V. Closing Date

The bidding process will be closed on **6 June 2019** at 16:30 hours Timor Leste time. Late applications will not be considered.

VI. Further information

Requests for further information or site visit should be made by email or telephone and directed to Mr. Mario Gusmão, IT Manager on mario.gusmao@anpm.tl or Mr. Ruben Freitas, System Administrator Officer on ruben.freitas@anpm.tl or +670 73099995, 73099996 ext: 6014

Dili, 6 of May 2019


Pamela Simões

Administration & Procurement Manager