

Request for Quotations

RFQ TENDER CLOSING 08 MAY 2024

Wednesday, May 8 · 11:00am – 1:00pm

Time zone: Africa/Maputo

Google Meet joining info

Video call link: <https://meet.google.com/imp-fujv-zfs>

Item	Tender	Description	Qty	Specs
1	658-24	Supply and delivery of Crow bars 1.8 x 240 x 254	300	To see samples at General Store – Epton Street stores
2	659-24	Supply and delivery of: <ul style="list-style-type: none"> • 5ft LED Tubes • 2FT LED Tubes 	1200 1200	See sample at General stores
3	660-24	Supply and delivery of Verandah bolts 16mm with 2 nuts	1000	See sample at General Store
4	661-24	Supply and delivery of 50mm padlocks	600	See sample at General Store Epton St
5	662-24	Supply and delivery of: <ul style="list-style-type: none"> • Pick head 3 kgs • Pick handles plastic with steel in the middle 	300 600	See sample at General Store Epton St
6	663-24	Supply and delivery of Toilet paper 1 ply sheets per roll	30000	See sample at General Store Epton St
7	664-24	Supply and delivery of Liquid soap in 5 Liter transparent containers	3000 litres	See sample at General Store Epton St
8	665-24	Supply and delivery of: <ul style="list-style-type: none"> • Hand cleaner in 5 Liter transparent containers • Degreaser in 5 Liter transparent containers 	1200 Litres 3000 Litres	See sample at General Store Epton St
9	666-24	Supply and delivery of: <ul style="list-style-type: none"> • Rawl plugs 58mm • Rawl plugs 56mm 	30000 30000	See sample at General Store Epton St
10	667-24	Supply and delivery of Broom Sticks 20mm	600	See sample at General Stores
11	668-24	Supply and delivery of: <ul style="list-style-type: none"> • Plug top 3 pin 13 amp fused • Plug top 3 pin round 16 amp 	600 600	See sample at General Stores Epton St
12	670-24	Fuel tank cleaning and pressure testing		See attached specifications.
13	671-24	Supply and delivery of R134 A Gas Refrigerant	20	See sample at Apparatus Store, Epton St.
14	672-24	Supply and delivery of Black Tape Adhesive 50mm x 50m	600	See sample at Cable Store, Msasa
15	673-24	Supply and delivery of: <ul style="list-style-type: none"> • Dry chemical powder fire extinguishers 9kg French blue, service sticker SAZ approved • Water Fire Extinguishers 9litre red, service sticker, SAZ approved • Carbon Dioxide Fire Extinguishers 2.27kg black service sticker SAZ approved 	70 40 10	Only approved bidders in the respective category are accepted
16	675-24	Supply and delivery of desktops	10	See attached specifications
17	676-24	Supply and delivery of Xerox 3615 Drum Cartridge	2	See attached specifications
18	Retender 642-24	Supply and delivery of TFO3XL Batteries	10	See attached specifications
19	643-24	Supply and delivery of <ul style="list-style-type: none"> • Laptops • Mouse • Hard drives • Backpacks 	4 4 4 4	See attached specifications

20	644-24	Supply and delivery of Microsoft Exchange server and active Directory (AD) Technical Support	1	See attached specifications
21	645-24	Supply and delivery of Cartridges <ul style="list-style-type: none"> • TK 5270 Yellow • TK 5270 Cyan • TK 5270 Magenta • TK 5270 Black 	4 4 4 6	
22	678-24	Supply and delivery of Lithium-Ion battery Bank for <ul style="list-style-type: none"> • Mutare Exchange • Karoi Exchange 	3000Ah 1000Ah	See attached specifications
23	679-24	Supply and delivery of stationery: <ul style="list-style-type: none"> • Application for new/additional telephone services sheets 	15000 sheets	See sample at stationery stores, epton st
24	680-24	Supply and delivery of 1/5 Fridge Compressors	6	
25	681-24	Supply and delivery of <ul style="list-style-type: none"> • 24 core ADSS fiber cable • 48 core ADSS fiber cable NB supplier to provide datasheet from manufacturer	300 000m 300 000m	See attached specifications
26	Retender 651-24	Supply and delivery of Intelligent fiber access GPON(NAP)	550	See attached specifications
27	685-24	Supply and delivery of <ul style="list-style-type: none"> • 5KVA silent mobile diesel electric generator Maximum delivery is 7days, for urgent delivery.	6	Specification attached below

Bidders with outstanding orders for any of the above items will not be considered for supply

TELONE RESERVES THE RIGHT TO INCREASE AND DECREASE QUANTITY

Please note that only bidders registered with **Procurement Regulatory Authority of Zimbabwe (PRAZ)** shall be considered.

(Please attach Proof of PRAZ registration in the specified category)

Closing date for ALL Tenders: On or before 1100hrs; Wednesday 8 May 2024

Quotations should be in US\$ payable in local currency at prevailing WBWS bank rate Payment Terms – 30 days

Your Tender should state the price (Please state your **VAT** status), a firm delivery date Emailed to procurement@telone.co.zw

- **Bidders should also be compliant with the new regulations for FISCAL TAX INVOICE where necessary.**
- **Each tender should be in its own envelop, tenders should not be mixed on one quotation.**

670-24 :fuel tank cleaning and pressure testing

ITEM	DESCRIPTION	QUANTITY
1	Rusape petrol tank cleaning and pressure testing	1
2	Marondera petrol tank cleaning and pressure testing	1
3	Mutare diesel pressure testing and cleaning	2
4	Chinhoyi pressure testing	1
5	Harare pressure testing	2
6	Kwekewe pressure testing	1
7	Bulawayo pressure testing	1
8	Gweru pressure testing	2

RFQ 676-24

Xerox 3615 drum cartridge unit specifications

Printer Brand	Xerox
Description	Xerox WorkCentre 3615/3655/3655i SMart Kit Drum
SKU	113R00773
Capacity/Yield	68,000 pages
Compatible Products	WorkCentre 3615, 3655, 3655i
Supply Type	Routine Maintenance Items
Condition	Genuine, brand new

RFQ 675-24

Core i5 All-in-One Desktop PC Specifications

Item	Specifications	Compliance
1	Operating system Windows 10 Professional 64-bit	
2	Processor Intel® Core™ i5-1235U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads))	
3	Display 21" diagonal FHD IPS widescreen LCD anti-glare WLED-backlit (1920 x 1080)	
4	Memory 16 GB DDR4-3200 MHz RAM	
5	Storage 1Tb SATA HDD	
7	Ports: Front; 1 microphone/headphone jack, 2 USB 3.0, Back: 1 HDMI, 1 power connector, 1 RJ-45, 1 VGA, 1 USB-C	
8	Wireless 802.11a/b/g/n/ac (2x2) Wi-Fi®	

	and Bluetooth® 5 combo	
9	What's in the Box: CPU, Monitor, Keyboard, Mouse, power cords, user guide	
10	Warranty: 12 months	
11	Colour: Brush metal/Grey/Black	
12	Webcam 1 MP HD webcam with integrated digital microphone	
13	Audio: Universal audio jack, and 4W internal speaker	
14	Form factor All-in-one	
15	Pointing device USB Optical Mouse	
16	Keyboard USB Business Slim Wired Keyboard	
17	Power 220V AC	

RFQ 678-24

ITEM	TECHNICAL SPECIFICATION
Li-Ion Battery	<ul style="list-style-type: none"> • Storage system technology LiFePO₄ • Minimum battery nominal capacity of 100Ah • System voltage shall be 48V DC • Advanced BMS to protect battery from abnormal battery conditions • Supports high DoD >95% at 4500 cycles or greater • Battery shall have a clearly marked grounding point • Battery shall have clearly marked two positive and two negative terminals • Battery form factor shall be rack mountable • Battery shall have RS485 and CAN ports for communication • Battery design life shall be 10 years at 25°C • Charging voltage of 52-54V dc • Discharge voltage of 45-53.5V DC • Maximum discharge current of 200A • Maximum charge current of 100A • IP Rating shall be IP20 • Conforms to any one of the following IEC Standards: 62040, 62619, and 62477 • Self-discharge of less than 3% per year • >99.1% efficient • Battery shall be ROHS compliant

RFQ 642-24

TF03XL Battery TF03041XL for HP Pavilion

- Specifications: -

Battery type: Li-ion

Voltage: 11.55V

Capacity: 41.9Wh

Cells: 4-cell

- Compatible Models: - HP Pavilion X360 14-BF000 14-BK000 14-BP000 14-CD0000 14M-CD0000 15-CC000 15T-CC000 15-CD000 15Z-CD000 15-CK000 17-AR000 17Z-AR000 Series 14-bf040wm 14-bk061st 14-bk091st 14-cd1055cl 14m-cd0xxx 14m-cd0001dx 14m-cd0003dx 14m-cd0006dx 14-cd1075nr 14-cd1010nr 15-cc154cl 15-cc060wm 15-cc152od 15-cc055od 15-cc195cl 15-cd040wm 15-ck075nr and more; 17-AR007CA 17-AR050WM

- Compatible Part Number: HP 920046-121 920046-421 920046-541 920070-855 HSTNN-IB7Y HSTNN-LB7J HSTNN-LB7X HSTNN-UB7J TF03041XL TF03XLPN-Q188 TPN-Q189 TPN-Q190 TPN-Q191 TPN-Q192 TPN-Q196

HP 15 dw0xxx Replacement battery specifications

Description

HP HT03XL L11119-855 Battery

Compatibility

HP 15 -dw0xxx laptop

Battery type

3-cell, 41 Wh Li-ion

Voltage 11.4V/11.55V

Capacity

41.9Wh/3630mAh

RFQ 643-24

1 Tb External USB 3.0/2.0 Portable Hard Drive Specifications

- **Storage capacity** 1TB
- **Interface** USB 3.0 interface. Backward compatible with USB 2.0.
- **Data transfer rates** up to 5GB/sec. For a fast response when updating files.
- **Back up** Automatic, continuous backup. Helps ensure data integrity.
- **Security** Should offer password protection and hardware encryption to help protect files.
- **Utilities** Drive Utilities for registering the drive, setting a drive timer, run diagnostics and more for enhanced performance.
- **Disk Size** Compact size for easy portability.

2.4 GHz WIRELESS OPTICAL MOUSE



Features

- 2.4 GHz optical mouse
- 1200 dpi optical sensor for smooth movement control
- plug-and-play USB pico receiver
- power switch to extend battery life

Specifications

- OS Supported:
 - Windows® 10 or later, Mac® OS 10.7.4 or above
- Contents:
 - Mouse
 - USB pico receiver
 - AA alkaline battery
 - quick guide
- specifications:
 - interface: USB
 - RF frequency: 2.4 GHz
 - three buttons: left, right, middle button with scroll
 - resolution: 1200 dpi
 - battery: 1 x AA
- colour: calm black

Laptop Specifications

• Core i7 General Laptop Specification

Platform	Windows 11 Pro 64 bit
Screen Size	13 to 15.6 inches
Processor Name	Core (TM) i7-Processor,10-Core, 4.7GHz Generation 12 or better
RAM	16GB DDR4/5 expandable to 32Gb
Storage Capacity	1 TB SSD
Networking Options	802.11ac (2.4+5.0 GHz Dual-band)
Networking Options	10/100/1000GB Ethernet
Battery Type	Li-ion cell
Graphics Memory	4096 GB
Interfaces	Headphone/Microphone Combo, Microphone jack, 2 USB 3.1 Gen 1 (side), 1 RJ-45 (rear), 1 USB 3.1 Gen 1 (rear), 1 HDMI 2.0 (rear), 1 Mini DisplayPort(TM) (rear), 1 USB 3.1 Type-C(TM) (rear), 1 Media Card Reader or provide adapters
Power supply	200-230V AC power adapter
Webcam	HD Webcam (front-facing)
Colour	Natural silver cover, ash silver keyboard frame
Warranty	1 year limited hardware
Carrying Cases & Sleeves:	Nylon padded backpack (satchel) bag.

No entry level laptops like HP15/HP 250 are allowed

RFQ 644-24

Server Backup and Recovery solution specifications

Requirements:

Item	Feature	Specifications	Compliance
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1	Licensing Model	Server Backup annual subscription per server socket for 20 CPU sockets	
2	Single platform for virtual, physical and cloud	Protects ALL your workloads, such as virtual machines, physical servers, workstations, cloud instances, applications and more.	
3	License portability	License to be flexible and portable solution for protecting multiple, different workloads on premises and in the cloud. As the environment changes, the backup licenses can be reallocated right along with it.	
3	Full machine, disk, and guest OS file restore	Recover an entire machine, individual disks, and guest OS files from a single backup.	
4	Cross-platform Instant Recovery for any workload	Instant VM Recovery to other workloads, you can instantly recover any workload – virtual machines, physical servers, workstations, cloud instances – to any platform – vSphere, AWS, Azure, Hyper-V – by running them directly from the backup.	
5	Agentless application item recovery	Agentless recover individual items from backups of applications such as Microsoft Exchange, SharePoint, SQL, Active Directory, Oracle and more.	
6	Restore to public cloud and object storage	Recover data directly to public clouds such as AWS, Microsoft Azure and Azure Stack.	
7	Compatible virtualization environments.	VMware vSphere/ESXi/vCenter/vSAN	
8		Microsoft Hyper-V	
9		Citrix Hypervisor/Xenserver	
10		XCP-ng	
11		oVirt	
12		Proxmox	
13		Red Hat Virtualization	
14		Oracle Linux Virtualization	

15		Manager (OLVM)	
16		Sangfor HCI	
17		OpenStack	
18		Huawei Fusion Compute	
19		H3C CAS/UIS	
20		ZStack	

Backup

Item	Feature	Specifications	Compliance
21	VM-level image based backup	Protects all operating systems, applications, files, and databases within a virtual machine (VM) environment.	
22	Backup copy	Copies existing backup data to another disk system for a secondary backup copy. Can also send backup data to an off-site location using dissimilar hardware.	
23	Backup and Recovery from Storage Snapshots	Creates image-based backups from storage snapshots with minimal impact on production. Allows for the recovery of individual VMs, Windows physical servers, guest files, and application items from storage snapshots.	
24	Specify virtual disk to backup Full Back up,	Enables users to select specific virtual disks within a VM for backup purposes. Supports different backup types, including full, incremental, and	

	Incremental Backup, Differential Backup	differential backups.	
25	Backup Window Indicator	Provides an indicator or estimation of the backup window, helping users plan and manage backup operations efficiently	
26	Scheduled/Once-off Backup	Allows for the scheduling of regular repetitive backups or one-time backups as per user requirements.	
27	Backup Data Deduplication	Reduces storage requirements by eliminating duplicate data blocks across backups, optimizing storage utilization.	
28	Backup Data Compression	Compresses backup data to reduce storage space requirements and improve backup performance.	
29	Automated backup testing and recovery verification	Automatically tests protected VMs for recoverability by running them directly from the backup file or replica in an isolated environment.	
30	Scalable, storage agnostic NAS backup and recovery	Provides flexible and scalable backup and recovery solutions for Network Attached Storage (NAS) systems, supporting various protocols such as SMB, NFS, Microsoft Windows, and Linux file shares. Includes native changed file tracking for improved Recovery Point Objectives (RPOs).	
31	Immutability for ransomware protection	Utilizes advanced object storage functionality, such as on Amazon S3 and compatible on-premises object storage, to create immutable backup copies, providing protection against ransomware attacks.	

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Other features

32	Advanced monitoring and reporting	System to delivers powerful monitoring and analytics for the entire IT environment, with comprehensive dashboards and over a hundred predefined and customizable reports.	
33	Image-based VM replication	Replicate VMs on-site or off-site for recovery. Seed replica VMs from existing backups.	
34	Support	24/7 technical support	

RFQ 681-24

Specifications For ADSS Cable

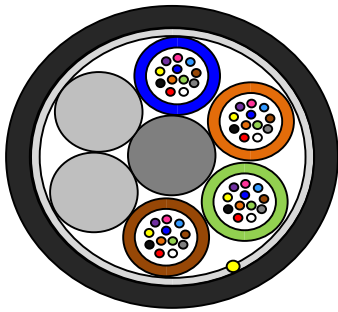
DETAILED SPECIFICATION

ADSS Cable Specification

Cable Design

Loose Tube Cable-Aramid Yarn Reinforcing-Dielectric-Dry Core-G.652D

- **Central Strength Member (CSM):** glass fiber reinforced plastic rod (FRP), with PE sheath covering when needed.
- **Buffer Tube:** PBT plastic material, containing 6/12 fibers and filled with a suitable water tightness compound.
 - **Filler Elements:** nature PP plastic rods, when needed.
 - **Stranding:** loose tubes (and fillers), SZ stranded around the CSM.
 - **Longitudinal Water Tightness:** dry core with water-swellable elements.
 - **Ripcord(s):** 1 aramid ripcord under the sheath.
- **Outer Sheath:** Black HDPE.



Cable Specification

Cable Cores		6	12	24	48	72
No. of Tubes		1	1	2	4	6
No. of Fillers		5	5	4	2	0
Fiber Counts in Tube		6	12			
Tube/Filler- Φ	mm	≤ 1.55	≤ 2.3		≤ 2.4	
CSM- Φ	mm	≤ 2.5				
CSM with PE- Φ	mm	/				
Thickness of Outer PE Sheath	mm	≤ 0.17				
Nominal Cable Diameter	mm	≤ 11.5			≤ 11.5	
Nominal Cable Weight	Kg/km	≤ 94			≤ 112	

Cable Application

Temperature Range		Minimum Bend Radius	
Transportation & Storage	-20°C ~60°C	Load	20×D
Operation	-20°C ~60°C	Unload	10×D

Main Mechanical and Environmental Characteristics

Test	Test Standard	Specified Value	Acceptance Criteria
Tensile	IEC 60794-1-2-E1	700N, 10min	No attenuation change after test, no damage
Crush	IEC 60794-1-2-E3	1000N/10cm, 10min, 3times	
Impact	IEC 60794-1-2-E4	5J, R=300mm, 3impacts	
Repeated Bending	IEC 60794-1-2-E6	R=15D, 20N, 20cycles	
Bend	IEC 60794-1-2-E11	R=15D, 4turns, 10cycles	
Torsion	IEC 60794-1-2-E7	20N, 10cycles, +/-180°	
Temperature Cycling	IEC 60794-1-2-F1	-40~+80°C, 2cycles, 4h	
Water Penetration	IEC 60794-1-2-F5	3m sample, 1m height, 24h	No water leakage

Fiber & Tube Colour

Colour Identification of Fiber

Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Colour Identification of Tube

Number	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Cabled Fiber Performance (G.652D)

Characteristics		Acceptance Value
Attenuation	@1310nm	≤0.36dB/km
	@1383nm	≤0.35dB/km
	@1550nm	≤0.25dB/km
	@1625nm	≤0.3dB/km
Mode Field Diameter	@1310nm	≤8.6-9.2±0.4μm
	@1550nm	≤10.3±0.4μm
Dispersion	@1300 +30/-15nm	≤3.0ps/(nm·km)
	@1550nm	≤18.0ps/(nm·km)
	@1625nm	≤23ps/(nm·km)
Zero-Dispersion wavelength		1312 +/- 12 nm
Zero-Dispersion slope		≤0.092ps/(nm ² ·km)
Cable cut-off wavelength λ _{cc} (nm)		≤1260nm
Polarization Mode Dispersion (PMD)	Max. individual	≤0.15ps/km ^{1/2}
Cladding diameter		≤125±0.7μm

Cladding non-circularity	≤1.0%
Core/cladding concentricity error	≤0.6μm
Fiber diameter with the coating (uncoloured)	242±7μm
Cladding/coating concentricity error	≤12.0μm
Proof stress	≥0.69GPa(100kpsi)
Dynamic stress corrosion susceptibility parameter (typical value)	≥18

Sheath Marking

The outer sheath is marked in 1 meter intervals as follows:

Manufacturer Name TELONE ADSS Cable xxFO G652D 2024 1000m

Delivery Lengths

The standard delivery length will be 6km.

RFQ 6511-24 (Retender)

Specifications for Network Access Point (NAP)

General Design

A drawing showing the Network Access Point (NAP) description and the cross sectional area should be included and should clearly show the following:

- Pole mounting installation
- Mechanical sealing, easy operation and maintenance
- Special strain-relief design for drop cable protection and support
- support at least 24 customer ports
- Multi-Function design (besides being a user access point it should also provide functions of fiber connection, straight-through, optical splitting, and splicing)
- Offer cable pass-through port, branch cable port plus drop cable port
- High strength material with good weather fastness, flame retardant
- Protection level: IP67
- Support 72 core splicing
- Plug & Play with SC/APC outdoor adapters

***NB To be supplied with pig tails.**

Specifications

Description	Specifications
SC Adapter capacity	24
Port Qty.	1xpass-through Port plus 2 branch port
Protection level	IP67
Splice capacity	72
Adapter insertion loss	≤ 0.2dB

RFQ 685-24

• Rated power: 5.0KVA
• Rated voltage: 220V
• Rated current: 22.7A
• Max power: 5.5KW
• Fuel type Diesel
• Closed Frame
• AVR Controlled
• Integrated wheels for easy movement
• Electric start-up
• Warranty period 12 months

