

INVITATION FOR BIDS

Supply, Delivery and Installation of Internet Routers

The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is a German federal enterprise which offers workable, sustainable and effective solutions and systems for efficient service delivery. Most of GIZ's work is commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ).

GIZ is hereby inviting suitable bids from established firms for the Supply, Delivery and Installation of Internet Routers on **DDP** basis in different Districts.

S/N	Description	Destination		Quantity
1	The Router shall have the following specifications: Integrated WIFI Router (802.11a/b/g/ac) Power supply (12-48 volts input) Dual BAND Radio configuration Satellite Dish (110 DEGREES VIEW) Ethernet port-1 LAN PORT Mounting Kick stand, pipe adaptor, DC CABLE	SWSC	One in each Town: Kalomo, Namwala, Monze, Chirundu, Saivonga, Chama, Chadiza, Katete, Nyimba, Mambwe and Sinda	11
		EWSC		
2	Antenna type: Advanced phased array (higher gain) Field of view: Wider (~130°–140° typical enterprise range) Orientation: Fully motorized self-orienting Dimensions: Larger panel (~20–30% bigger surface area) Weight: ~6–10 kg (depending on version) Environmental rating: Industrial - grade (marine / extreme conditions) Operating temperature: Extended tolerance (harsh environments) Wind tolerance: Higher survivability thresholds Power consumption: ~110–150 W ROUTER SPECIFICATIONS Wi-Fi standard: Typically Wi-Fi 5 (802.11ac) or basic Wi-Fi Radio: Dual-band / 3×3 MIMO Coverage: ~180 m ² Device capacity: ~100–150 devices Ethernet: Direct Ethernet output (often bypassed) Design philosophy: feeds into Firewall Managed switch Enterprise Wi-Fi system PERFORMANCE CHARACTERISTICS Download speed: ~150–500+ Mbps Upload speed: ~8–40 Mbps POWER Input: 100–240V AC Power draw: 110–150W	ChWSC	Head Office - Kasama	01

	Larger PSU (often grounded, rack-friendly)			
3.	<p>Antenna type: Electronic phased array Field of view: ~110° Orientation: Software-assisted manual alignment Dimensions: ~594 × 383 × 40 mm Weight: ~2.9 kg (~3.8 kg with mount & cable) Environmental rating: IP67 (dust + water resistant) Operating temperature: -30°C to +50°C Wind tolerance: ≥96 km/h Snow melt capability: ~40 mm/hour Power consumption: ~75–100 W</p> <p>ROUTER SPECIFICATIONS</p> <p>Wi-Fi standard: Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Radio: Tri-band, 4×4 MU-MIMO Coverage: ~297 m² Device capacity: Up to ~235 devices Ethernet ports: 2 × RJ45 LAN Security: WPA2 Environmental rating: IP56 (indoor/outdoor splash resistant) Mesh support: Yes (up to 3 nodes) Operating temperature: -30°C to +50°C</p> <p>SWITCHING & NETWORK INTEGRATION</p> <p>Router acts as: DHCP server Wi-Fi AP small LAN controller</p> <p>PERFORMANCE CHARACTERISTICS</p> <p>Download speed: ~25–220 Mbps Upload speed: ~5–20 Mbps</p> <p>POWER</p> <p>Power input: 100–240V AC Power draw: 75–100W Compact power supply.</p>		<p>One in each town: Kasama Central Town Office, Kasama Mulenga Hills Office, Mpika, Chinsali, Nakonde and Mbala</p>	06
4	<p>Technical Specifications Wi-Fi Standard: Wi-Fi 5 / Wi-Fi 6</p> <p>Frequency Bands: Dual-band / Tri-band Wireless Technology: MIMO (Multiple Input, Multiple Output) Coverage Range: Up to 7 meters radius Mesh Capability: Supports expansion via actuated Mesh Nodes</p>	<p>LgWSC</p> <p>NWSC</p>	<p>2x Head Office – Kabwe, 3x Highridge Distribution Centre - Kabwe, 2 x Mine WTP Plant Kabwe and One in each of the following towns: Serenje, Mkushi, Kapiri Mposhi, Chibombo, Chisamba, Shibuyunji, Mumbwa, Ndeke, Chimwemwe, Kalulushi, Mindolo and Chambeshi</p>	19
5	<p>Business high Performance kit for Kitwe Head Office (Installation, Testing, and commissioning) Internet Router Actuated Kit Technical Specifications Wi-Fi 6 Frequency Bands: Dual-band / Tri-band Wireless Technology: MIMO (Multiple Input, Multiple Output)</p>	NWSC	Kitwe – Head Office	01

	Coverage Range: Up to 25 meters radius Mesh Capability: Supports expansion via actuated Mesh Nodes			
	Installation, Testing and Commissioning cost of all the Routers			38

Selection Criteria:

To qualify for consideration in the tender procedure, interested companies/firms are required to submit the following information and documents for eligibility assessment:

- Tax Clearance Certificate (TCC) and confirm **NO** ongoing litigation.
- Company profile and legal documents with a turnover of ZMW K800,000.00 or more for the past financial year.
- Offer validity for 90 days.
- Prices should be quoted in (ZMW) Zambian Kwacha **ONLY**
- GIZ is VAT exempt.
- List of similar orders executed in the past.
- Data sheets / photos must be submitted

Submission Details:

- Cover letter with offer summary.
- Company details: Brief description of the company including copies of registration documents (physical address, contact details, etc.).
- Delivery Period
- Bidders must comply with the Value Added Tax (VAT) regulations as stipulated by the Zambia Revenue Authority (ZRA). Specifically:
- Bidders with an annual taxable turnover exceeding ZMW 800,000 or a taxable turnover exceeding ZMW 200,000 in any three-month period are required to be VAT-registered and must issue electronic invoices through the ZRA's Smart Invoice system.
- Bidders below these thresholds are not mandated to register for VAT but may do so voluntarily.
- Compliance with these requirements is essential for participation in this procurement process.

How To Submit:

The number of pages of all submission documents shall not exceed 50 pages. External content (e.g., links to websites) will not be considered, the size limit of the attachment is 30MB.

Local bidders must submit their bids indicating the full specifications and delivery period via email: **zm_quotation@giz.de** with the subject line **"17.06.2026_Internet Routers_7000010443/25363"**.

The closing date for handing in the **BIDS** is **Wednesday 17th June 2026 at 13:00hrs**.

For further clarification interested parties may send enquiries to: **zm_inquiry@giz.de**

GIZ Zambia may request for necessary and/or more information during the evaluation.

Important Note.

Due to war caused by Russia in Ukraine the German Federal Office for Security in Information Technology (BSI) has added **Kaspersky** antivirus software to its list of communications equipment and services that are deemed to pose an unacceptable risk to the national security. **Kaspersky's** virus protection software is to be replaced with alternative products. It means, in case a bidder offers **Kaspersky's** virus protection software, this offer will be excluded as technically not suitable.

Before entering into any contract, GIZ reserves the right to ascertain the origin of the goods offered. This assessment will be conducted to ensure compliance with embargoes and other trade restrictions in place within the scope of GIZ's due diligence. This is particularly true of the EU sanctions against Russia, Belarus, Crimea and the affected parts of Eastern Ukraine [1] currently in place (primarily the EU Council Regulations No.: 833/2014 and 765/2006).

By submitting their bid, the bidder undertakes towards GIZ the responsibility that in the event of a probable award, the bidder will provide all necessary support to enable GIZ to ensure compliance with the sanction's regime – this assurance is thus given prior to the award of any contract. This includes in particular the obligation, if so, requested by GIZ, to complete a self-declaration to determine the origin of the goods offered and/or to provide GIZ with the required evidence of the origin of such goods. Should the bidder fail to meet these obligations or fail to do so within a reasonable period of time, this can result in their bid being excluded.

A contract can only be awarded on completion of this assessment of the origin of the goods offered. Should this check give grounds for concern or reveal facts that constitute a contractual impediment, GIZ shall inform the bidder without delay. GIZ shall also reserve the right in such cases to award the contract to the next-ranked bidder in the competitive tender procedure.

GIZ Procurement Unit