NATIONAL COMPETITIVE TENDER

german cooperation
DEUTSCHE ZUSAMMENARBEIT

Implemented by:
giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

INVITATION TO TENDER FOR SUPPLY OF ELECTRICAL MATERIALS

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) intends to tender for the supply of electrical materials.

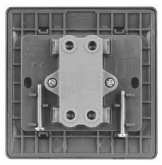
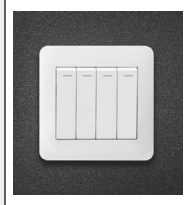
The GIZ Office Accra invites tenderers to submit, free of charge and without obligation on the part of GIZ, a tender based on the following terms and conditions.

Non-conformity with all conditions mentioned could lead to the exclusion of the bid.

No	ITEM DESCRIPTION	SAMPLE PICTURE	QTY
1	1.5mm2 pvc insulated AC cable(stranded) RR, 100m roll, brown Cable Details - Conductor Size: 1.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Thickness: 1.5mm - Electrical Properties - Voltage Rating: 300/500V or 450/750V - Conductor Type: Stranded - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		60
2	1.5mm2 pvc insulated AC cable(stranded) RR, 100m roll, blue Cable Details - Conductor Size: 1.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Thickness: 1.5mm - Electrical Properties - Voltage Rating: 300/500V or 450/750V - Conductor Type: Stranded - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		60
3	1.5mm2 pvc insulated AC cable (stranded) RR, 100m roll, yellow & green Cable Details - Conductor Size: 1.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Thickness: 1.5mm - Electrical Properties - Voltage Rating: 300/500V or 450/750V - Conductor Type: Stranded - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		36
4	1.5mm2 pvc insulated AC cable (stranded) RR, 100m roll, black Cable Details - Conductor Size: 1.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Thickness: 1.5mm - Electrical Properties - Voltage Rating: 300/500V or 450/750V - Conductor Type: Stranded - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		12
5	1.5mm2 pvc insulated AC cable (stranded) RR, 100m roll, grey Cable Details - Conductor Size: 1.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Thickness: 1.5mm - Electrical Properties - Voltage Rating: 300/500V or 450/750V - Conductor Type: Stranded - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		12
6	2.5mm2 pvc insulated AC cable(stranded) RR, 100m roll, brown - Cable Details - Conductor Size: 2.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Shape: Round - Electrical Properties - Voltage Rating: 300/500V or 0.6/1kV - Maximum Conductor Resistance: 7.410 Ω/km (DC at 20°C) - Standards and Certifications -Insulation Thickness: 0.7mm to 0.9mm - Temperature Rating: -15°C to +70°C - Fire Resistance: Cables should meet flame retardant standards, such as IEC 60332 - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		24
7	2.5mm2 pvc insulated AC cable(stranded) RR, 100m roll, blue - Cable Details - Conductor Size: 2.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Shape: Round - Electrical Properties - Voltage Rating: 300/500V or 0.6/1kV - Maximum Conductor Resistance: 7.410 Ω/km (DC at 20°C) -Insulation Thickness: 0.7mm to 0.9mm - Voltage Rating: 300/500V or 450/750V - Temperature Rating: -15°C to +70°C - Fire Resistance: Cables should meet flame retardant standards, such as IEC 60332 - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		24
8	2.5mm2 pvc insulated AC cable(stranded) RR, 100m roll, yellow & green - Cable Details - Conductor Size: 2.5 sq.mm - Insulation Material: PVC - Conductor Material: Copper - Length: 100 meters - Physical Properties - Shape: Round - Electrical Properties - Voltage Rating: 300/500V or 0.6/1kV - Maximum Conductor Resistance: 7.410 Ω/km (DC at 20°C) -Insulation Thickness: 0.7mm to 0.9mm - - Temperature Rating: -15°C to +70°C - Fire Resistance: Cables should meet flame retardant standards, such as IEC 60332 - Standards and Certifications Standards: Compliant with GSA, IEC 60227, BS 6500, VDE 0281, GB/T 5023, and JB/T 8734 - Certifications: GSA,SO 9001, ISO 14001, CE, CB, and CCC		12

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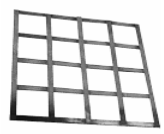
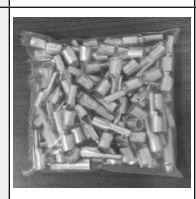
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9	4.0mm2 pvc insulated AC cable, RR 100m roll, brown Cable Details - Conductor Size: 4 sq.mm - Insulation Material: PVC - Conductor Material: Copper (stranded) - Length: 100 meters - Physical Properties - Number of Cores: Can vary (e.g., 2-core or multi-core configurations) - Electrical Properties - Voltage Rating: 600/1000V or 0.6/1kV Maximum Operating Temperature: 70°C to 90°C - Short Circuit Temperature: 250°C (max 5 seconds) - Standards and Certifications GSA - IEC 60227: Standard for PVC insulated cables - IEC 60502-1: Standard for power cables with extruded insulation - ISO 9001: Quality management standard		12
10	4.0mm2 pvc insulated AC cable, RR 100m roll, blue Cable Details - Conductor Size: 4 sq.mm - Insulation Material: PVC - Conductor Material: Copper (stranded) - Length: 100 meters - Physical Properties - Number of Cores: Can vary (e.g., 2-core or multi-core configurations) - Electrical Properties - Voltage Rating: 600/1000V or 0.6/1kV - Maximum Operating Temperature: 70°C to 90°C - Short Circuit Temperature: 250°C (max 5 seconds) - Standards and Certifications GSA - IEC 60227: Standard for PVC insulated cables - IEC 60502-1: Standard for power cables with extruded insulation - ISO 9001: Quality management standard		12
11	Pattress Box 75mmx75mmx 50mm) Colour: white single (1 gang) pattress box for socket outlets Sq. surface Radius General - Material PVC Features - Colour White Technical Data - Voltage Rating 230v		480
12	Pattress Box (135mmx75mmx 50mm) Colour: white double (2 gang) pattress box for socket outlets General - Material PVC Features - Colour White Technical Data - Voltage Rating 230v Features: Multiple knockouts for cable entry. Fitted with an earth terminal. Rounded edges for a professional finish. Anti-microbial surface to inhibit bacteria growth. Compliance: Conforms to BS EN 60669-1 and manufactured to BS 5733.		240
13	switch (1 gang 1-way) Colour: white Switch Type - Push Button Switch On / Off Rocker Switch 16A AC 250V Rated Current: 10A or 16A, depending on the switch type Number of Gangs: 1 gang, 1 way - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		240
14	switch (1 gang 2-way) Colour: white On / Off Rocker Switch 16A AC 250V Rated Current: 10A or 16A, depending on the switch type - Number of Gangs: 1 gang, 2 way - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		240
15	switch (2 gang 2-way) Colour: white On / Off Rocker Switch 16A AC 250V Rated Current: 10A or 16A, depending on the switch type Number of Gangs: 2 gang, 2 way - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		240
16	switch (Intermediate) Colour: white On / Off Rocker Switch 16A AC 250V Terminals: 2 in 2 out Rated Current: 10A or 16A, depending on the switch type DPDT (Double Pile Double Throw) - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		120
17	switch (3 gang 2-way) Colour: white On / Off Rocker Switch 16A AC 250V Rated Current: 10A or 16A, depending on the switch type Number of Gangs: 3 gang, 2 way - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		120
18	switch (4 gang 2-way) Colour: white On / Off Rocker Switch 16A AC 250V Rated Current: 10A or 16A, depending on the switch type Number of Gangs:4 gang, 2 way - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings - Certifications: Compliance with international standards, such as CE certification		120
19	2 Pole switch Poles: 2 (disconnects both live and neutral) Voltage rating: 230V AC Switch Type - Push Button Switch Rated Current: 16A, 20A, 32A - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings Certifications: Compliance with ICE 60669-1		60
20	3 Pole switch Poles: 3 (disconnects all 3 phases) Voltage rating: 400V AC Switch Type - Rotary Rated Current: 12A, 16A, 20A, or 25A - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings Certifications: Compliance with ICE 60947-3		60

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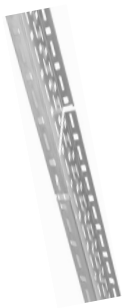
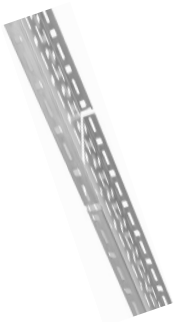
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21	4 Pole switch Poles: 3 (disconnects all 3 phases + neutral) Voltage rating: 400V AC Switch Type - Rotary Rated Current: 12A, 16A, 20A, or 25A - Material: High-quality materials, such as copper and phosphor bronze, for good electrical conductivity and durability - Design: Smooth, modern lines, and sleek designs that fit easily into traditional and contemporary settings Certifications: Compliance with ICE 60947-3		60
22	Socket outlet (75mmx75mmx50mm) Type: 1-gang universal switch rating:13A, 250V AC Switch type: switched, with indicator lamp Colour: white Material: polycarbonate or ABS plastic		240
23	Socket outlet (75mmx135mmx50mm) Type: 2-gang universal switch rating:13A, 250V AC Switch type: switched, with indicator lamp Colour: white Material: polycarbonate or ABS plastic		240
24	Junction box (100mmx100mmx70mm) Specification Item Type: Junction Box Material: ABS Size: Approx. 100x100x70mm/3.9x3.9x2.8in Protection Grade: IP65 Enclosure with Rubber Plug		60
25	Photocell Day/night sensor 240v Material: High-strength polyester webbing, 45mm wide and 2mm thick - Strength: ≥25KN, with some models having a strength of ≥23kN - Certifications: EN361, CE, ISO, and GB6095-2021 - D-Ring: 1 anti-falling dorsal D-ring on the back, and 1 sternal D-ring for fall arrest - Adjustability: Adjustable shoulder, thigh, and chest straps for a superior fit - Weight: Approximately 2-2.5 kgs		60
26	Motion sensor Portable Sensor, FOV 90-180 degree, 3-9 meters Field of View (FOV): 180 degrees, suitable for wide-area coverage - Detection Range: Up to 9 meters (approximately 29.5 feet), ideal for large rooms or spaces Adjustable Time Delay: 10 seconds to 10 minutes Working Modes: TEST, AUTO, D2D, MANUAL Sensor Technology: PIR, microwave, or dual-tech sensors		60
27	Earth rod with U clamp Material: Copper bonded steel Diameter: 12mm or 16mm Length: 4 feet (2100mm) clamping: 1 for connecting earth wire		36

28	Lighting Arrester, copper 15mm x 300mm, 600V, copper Material: Copper or Brass - Diameter: 15mm - Length: 300mm - Voltage Rating: 600V - Protection Level: IP54 - Application: Commercial and industrial lightning protection systems - Standards: IEC60099-4, GB standard		36
29	Earth/grounding Mat (430x430mm, copper) 430x430mm, ≤5 ohms, copper, 2mm-3mm thickness Material: Copper - Size: 530x530mm - Thickness: 2mm-3mm - Resistance: ≤5 ohms - Application: Earthing and grounding systems for electrical installations, lightning protection, and electromagnetic compatibility (EMC) High conductivity: Copper material ensures excellent electrical conductivity and efficient dissipation of electrical currents. - Low resistance: ≤5 ohms resistance ensures effective earthing and grounding. - Durable construction: 2mm-3mm thickness provides mechanical strength and durability.		36
30	Insulation Sleeves pack Heat shrink wrapping Colour options (mixed): red, brown, yellow, blue, black, etc. Material: Polyolefin (PO) or polyethylene (PE) or polyvinyl chloride (PVC) Shrinkage Ratio: 2:1 Operating Temperature: -55°C to +125°C Features: Flame retardant, high durability, resistance to breakage or deformation, 600V voltage resistance, waterproof. Quantity: 560 to 800 Heat Shrink Tubes in a pack depending on supply type. Variety of sizes - diameters, ranging from 1.0mm to 10.mm or 1.0mm to 13mm cater to your various needs.		36
31	Ferrules (pack) Included component: 1900pcs 7 types ferrule pin cord end terminals. Terminal: Pin terminal Maximum Voltage: 24 Volts Contact material: Copper Installation material type: Nylon Colour options: yellow, grey, blue, black, red, white etc. Wire sizes: AWG 10, 12, 14, 16, 18, 20, 22 Easy Installation: Simply insert the ferrule into the wire and use crimping tools to secure Versatile Use: Suitable for various applications, including electrical installations, repairs, and car cable maintenance Certifications: CE and ROHS certifications		36
32	Cable Lugs pack of 100 (16x10mm) Material: Copper or tinned copper for good electrical conductivity and corrosion resistance - Hole Diameter: 16mm - Cable Diameter: 10mm - Type: Ring type cable lugs - Insulation: optional - Crimping: Typically crimped onto the cable using a crimping tool - Applications: Suitable for various electrical applications, including power distribution, industrial control panels, and automotive electrical systems		60
33	Changeover switch (gear) 32A Rated Current: 32A, suitable for medium to heavy electrical loads - Rated Voltage: 240V - Frequency: 50Hz - Number of Poles: 2-pole - Type: Onload or Offload Changeover Switch - Standards: Compliant with IS:13947 and IEC 60947-3 standards - Mounting: Suitable for wall mounting or panel fitting - Termination: Suitable for both aluminium and copper cables - Enclosure: open execution or sheet steel enclosure with door interlocking facility		24

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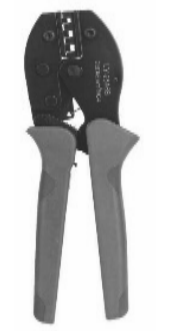
34	Changeover switch (rotary) 63A Rated Current: 63A, suitable for medium to heavy electrical loads - Rated Voltage: 415V - Frequency: 50Hz - Number of Poles: 4-pole configurations - Type: Onload or Offload Changeover Switch - Mounting: Suitable for surface mounting or individual mounting with inner mounting holes and brackets provided in enclosures - Termination: Suitable for both aluminium and copper cables - Enclosure: Sheet steel enclosure duly phosphatized and powder painted for longer life, with provision for door interlocking - Protection: IP65 waterproof level and operating humidity of 90% RH - Operating Temperature: 0-55°C storage temperature		24
35	6-way consumer unit with breakers 63 Amp Consumer Unit Circuit Breaker, 6MCB 6A+6A+16A+16A+32A+32A, Insulated Metal Consumer Unit: durable and safe design - Flexible Busbar: easy to install and maintain - DIN Rail Supplied: convenient for mounting Easy Fit & Clean Cover: user-friendly design - Compliance: Fully compliant with BS7671: IET Wiring regulations (Amendment 3) - Design: Elegantly designed DBs to suit home decor, with raised neutral link for easy wiring and spring-loaded outer cover for easy access MCBs and RCDs IP65 Anti-Leakage Fuse Box Standards Compliance: comply with IEC 61439-3, IS 13032, and IS 8623 standards		36
36	4-way consumer unit with breaker Circuit Breaker, 63A 30mA RCD 4MCB 32A+20A+6A+6A, IP65 Anti-Leakage Fuse Box, Consumer Unit Specifications: - Type: 4-way consumer unit with RCD and MCBs - RCD Rating: 63A 30mA - MCB Ratings: - 2 x 6A - 1 x 20A - 1 x 32A - Rated Voltage: 230/400V - Material: Flame-retardant and impact-resistant plastic - Protection Class: IP65 waterproof and dustproof - Features: - High Breaking Capacity: Rapid tripping and high precision detection for enhanced safety - Waterproof Design: IP65 rating ensures protection against water vapour, dust, and other environmental factors - Easy Installation: Compact size and lightweight design for convenient installation		72
37	3 phase Voltage limiters/ monitors 3 Phase Voltage Monitoring Sequence Relay LCD Display Under Over Voltage Phase Sequence Protector 3 Phase Voltage Monitor Relay 220-480VAC Operation Voltage: 208 to 480VAC universal, 50/60Hz Protection Function: Overvoltage, Undervoltage, Phase Failure, Phase Error, Voltage Imbalance, Timekeeping, Count, Fault Record Easy Installation: Standard modular construction, rail mounted for convenient installation Measurement System Metric Mounting Type din rail		24
38	Indicator lamps (red) AC/DC24V 22mm, red Mounting Size: 22mm diameter for panel mounting. Voltage Compatibility: Supports various AC/DC voltages, commonly including 24V,. Current Rating: Typically around 20mA. Brightness: Often specified as ≥100cd/m². Continuous Operating Life: Expected to be ≥30,000 hours. Protective Degree (Head): IP65 rated, indicating protection against dust and low-pressure water jets. Insulation Resistance: ≥2MΩ. Material: constructed with a durable plastic body and high-strength polycarbonate lampshade. Connection: Equipped with screw terminals for secure wiring.		240
39	Indicator lamps (blue) AC/DC24V 22mm, red Mounting Size: 22mm diameter for panel mounting. Voltage Compatibility: Supports various AC/DC voltages, commonly including 24V,. Current Rating: Typically around 20mA. Brightness: Often specified as ≥100cd/m². Continuous Operating Life: Expected to be ≥30,000 hours. Protective Degree (Head): IP65 rated, indicating protection against dust and low-pressure water jets. Insulation Resistance: ≥2MΩ. Material: constructed with a durable plastic body and high-strength polycarbonate lampshade. Connection: Equipped with screw terminals for secure wiring.		240
40	Indicator lamps (yellow) AC/DC24V 22mm, red Mounting Size: 22mm diameter for panel mounting. Voltage Compatibility: Supports various AC/DC voltages, commonly including 24V,. Current Rating: Typically around 20mA. Brightness: Often specified as ≥100cd/m². Continuous Operating Life: Expected to be ≥30,000 hours. Protective Degree (Head): IP65 rated, indicating protection against dust and low-pressure water jets. Insulation Resistance: ≥2MΩ. Material: constructed with a durable plastic body and high-strength polycarbonate lampshade. Connection: Equipped with screw terminals for secure wiring.		240
41	Control panel trunking, 2 meters 30mm x 25mm Material: Rigid PVC quality 9051 LF Colours: grey Operating temperatures: -5 to +65°C Volume resistivity: 1015 Ω.cm Dielectric strength: 15kV/mm Spécification: V0 UL94 Standard length: 2 meters		60
42	Cable tray (50 x 50 x 1.25mm, 3m) Steel Material: Pre-galvanised steel or hot-dip galvanised steel for corrosion resistance and durability - Finish: Zinc-coated or pre-galvanised finish to protect against rust and corrosion Dimensions:50mm x 50mm x 3m - Material Thickness: 1.25mm - Design Features: - Punched Holes: 25mm centers for easy installation with cable cleats or bolts - Non-return flange: 15mm non-return type for added stability and minimized cable movement - Ladder design: Allows for excellent ventilation and easy cable management - Load Capacity: Suitable for light to medium-duty applications, depending on the specific model and material - Certifications and Compliance: - IEC standards: Compliant with international standards for cable trays and containment systems		60
43	Cable tray (100 x 50 x 1.25mm, 3m) Steel Material: Pre-galvanized steel or hot-dip galvanized steel for corrosion resistance and durability - Finish: Zinc-coated or pre-galvanized finish to protect against rust and corrosion Dimensions:100mmx50mmx3m - Material Thickness: 1.25mm - Design Features: - Punched Holes: 25mm centers for easy installation with cable cleats or bolts Return Flange: 25mm or 50mm return flange slides for secure fixing - Load Capacity: Suitable for light to medium-duty applications, depending on the specific model and material - Certifications and Compliance: - IEC standards: Compliant with international standards for cable trays and containment systems		26

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NATIONAL COMPETITIVE TENDER

INVITATION TO TENDER FOR SUPPLY OF ELECTRICAL MATERIALS

44	Surge protection device (single (1) phase) Type 2 Voltage: 230V AC Configuration: 1-phase + N + PE Discharge Current: 5-20kA Indicators: Visual status (green/red) - IP Rating: IP20 - Mounting: DIN rail mounting - Features: Mechanical indicators, reliable performance, and compliance with industry standards Certifications: IEC 61643.11 standards, ensuring reliability and performance		60
45	Type 2 Voltage: 400V AC Configuration: 3-phase + N + PE Discharge Current: 20kA Indicators: Visual status (green/red) - IP Rating: IP20 - Mounting: DIN rail mounting - Features: Mechanical indicators, reliable performance, and compliance with industry standards Certifications: IEC 61643.11 standards, ensuring reliability and performance		24
46	Torque Wrench set 3/8" adjustable Torque Wrench (5–25 Nm), L 268 mm Drive Size: 3/8 inch - Measuring Range: 2.5-25 Nm (precise to +/- 4%) - Length: 268 mm (or potentially 325 mm) - Ratchet: Reversible ratchet with 45 teeth - Release Mechanism: Audible and tactile release mechanism when the set torque value is reached - Handle: Ergonomic 2-component handle suitable for right-hand use - Accuracy: Precise to +/- 4% as per DIN EN ISO 6789-1:2017-07 - Certifications: Traceable Certificate of Calibration meeting ISO 6789-2:2017 requirements		36
47	Cable reel (50m long cable capacity) 230V, 13A, conductor 3x1.5mm thick copper cable High Power Capacity: Equipped with three 13 Amp sockets, supporting multiple high-power devices simultaneously without performance loss. Safety Assured: Designed to meet electrical safety standards, ensuring reliable power distribution and minimized risk of overload. Versatile Applications: Ideal for heavy-duty equipment, garden tools, home appliances, and office electronics.		12
48	Allen key set (Hex keys) 18 pcs, Metric and imperia - Set Contents: 18 pieces, including metric (1.5-10mm) and imperial (1/16"-3/8") sizes - Material: Chrome vanadium steel or S2 steel for durability and strength Finish: corrosion resistance - Ball-End Design: Allows for angled operation and easy insertion into hex sockets Storage Case: Comes with a portable storage case for organization and convenience		60
49	MC4 crimping tools 200mm MC4 Solar Crimping Tools, Panel PV Cable Wire Connectors, Crimper Pliers Crimping Range: 2.5-6.0mm² (AWG 14/12/10) - Material: High-strength steel construction - Ratchet Mechanism: Ensures complete and consistent crimps while reducing hand fatigue - Ergonomic Design: Comfortable grip and reduced hand stress during prolonged use - Length: 230-270mm - Applications: Ideal for solar panel installations, maintenance, and repairs - Certifications: ISO9001:2008 certified - Additional Features: stripping and cutting functions, terminal locator, and anti-slip handles		36
50	Voltage Detector Pen LED AC Electrical Voltage Power Detector Sensor Tester, Non-Contact Pen 90-1000V Non-Contact Voltage Detection: Detects voltage without direct contact Voltage Range: Typically 12-1000V AC Indicators: Sound and light alarms (e.g., LED flash, beep) Power: Battery-powered (e.g., 2 x AAA) Safety: Designed for safe voltage detection		120

How to apply

Please submit an expression of interest as indicated below, in **three separate folders as below.**

A. Commercial Folder

- ❖ Company profile
- ❖ Valid Tax Clearance Certificate
- ❖ Valid SSNIT Clearance Certificate
- ❖ Business Registration Certificate
- ❖ Declaration of Business Ownership by General Manager (3) (Inclusion of Form A for Sole Proprietorship or Form 3 for Limited Liability)
- ❖ VAT Registration Certificate

B. Technical Folder

- ❖ Technical sheet/ offer
- ❖ Data Sheet (if Applicable)

C. Financial Folder

- ❖ Financial sheet/ offer

PLEASE NOTE:

THE CURRENCY OF YOUR OFFER SHOULD BE IN GHANA CEDIS

ALL PROSPECTIVE BIDDERS ARE REQUIRED TO PERFORM THEIR TAX OBLIGATIONS IN GHANA.

NOTE: Kindly visit the link below to access the **Technical Sheet and Financial Sheet template** and other documents to be used in preparing your Technical and Financial Proposals

https://www.giz.de/en/regions/africa/ghana/tenders

Tender documents should be named according to the above((A)Commercial folder, (B)Technical folder and (C)Financial folder.**) in a folder and Zip folder as:**

Tender Number: 10016052 / G-012253-001 "Supply of Electrical Materials"

This tender will be accepted **ONLY** via email (gh_quotation@giz.de)

- **Tender Number must be used as the email Subject**
- **Please note that failure to comply with the above instructions, as well as submission to other e-mail addresses than the one mentioned, will lead to the disqualification of the bid.**
- **Questions or clarification regarding this tender should be sent to gh_quotation@giz.de**

Bidding Conditions to all Bidders

- The deadline for submission is **09.11.2026 until 11:59 PM.**
- GIZ is not responsible for the failure of electronic delivery of e-mail messages to the address provided, whether due to technological problems on the part of GIZ or the applicant.
- This invitation to tender does not bind GIZ in any way. The contractual obligation of GIZ only begins with the signing of the contract with the successful bidder. Until the contract is signed, GIZ may either abandon or cancel the award procedure, without the candidates or bidders being entitled to claim any compensation.
- All costs associated with the preparation and submission of bidders are to be borne by the bidders and cannot be reimbursed.
- Financial bids should be valid for a period of **three months from the date of submission.**
- Please consider your bid unsuccessful if you do not hear from us after four weeks from the deadline of submission.

"Please note that participating in a tendering process of GIZ is free of charge for bidders.

At no phase of the process is the bidder required to make any payment to GIZ or to one of its employees.

Kindly Note by sending in your offer, you are agreeing to the GIZ General Terms and giving us the consent to process your company data.

ONLY SHORTLISTED FIRMS WILL BE CONTACTED