Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

INVITATION FOR BIDS

Supply and Delivery of Solar Tools and Equipment

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 and Delivery of Solar Tools and Equipment on **DDP** basis Lusaka, GIZ Offices:

S/N	**Item & Specification**	U/M	Quantity
01	PV Inverter - Single phase, Input 12V DC, output 230V AC, 50Hz, 1.2KVA	Each	3
02	Solar Battery 200 Ah, 12V DC	Each	2
03	Lithium Ion Battery 100Ah 12VDC	Each	10
04	Solar Panels -350 W, 12V Dimensions: flexible Weight: Flexible Front Glass: 3.2mm tempered glass. Output cables: 4mm2 Symmetrical lengths. Connectors: MC4 compatible IP68< Cell type: Mono-Crystalline Silicon	Each	10
05	Combiner Box: 4 into 1 PV Combiner box	Each	5
06	DC Disconnect: 32A, 1000V, PV Isolator switch.	Each	10
07	Charge Controller, 10 amp 12/24VDC	Each	5
08	DC Breaker 63 Amp, Rated current 63A, Rated voltage 500VDC, 2 pole.	each	5
09	DC MCB's 20 Amp		5
10	DC MCB's 10 Amp		5
11	DC-Load 12VDC Lights	Set of 3	10
12	Battery Breaker: DC MCB, 125A circuit breaker, 2 poles,		5
13	Inverters 1200w, 12VDC, 40A	Each	5
14	AC Distribution Board (6 ways)	Each	10
15	Circuit Breaker 63A tripple pole		10
16	Circuit Breaker 30A (AC)		10
17	Circuit Breaker 20A (AC)		10
18	Circuit Breaker 10A (AC)		10
19	AC Load: Submersible pump 0.5 kW AC; 230VAC, 70m head		2
20	AC Load: 3 phase Pump: 0.5 kW 3 phase booster water pump,		3
21	AC Load: 3 phase Industrial Socket outlets, +N+E, IP44 Splash Proof		5
22	Wiring and Cables Battery Cable 70mm2	meter	40

23	Pump Inverter: 2.2KW, Input 300-450VDC; Output: AC, 1PH, 0-220V,0-50Hz, 13.8A		2
24	Ground Mounting Structures Ground Mount Structure to hold 4 x 400-Watt Solar Panels.	Assembly	10
25	Pole Mounting Structures - One holding structure to hold two panels of size 350 W. - Able to rotate 360 degrees and swing at various angles of inclination.	Assembly	10
26	Evacuated tube rack	set	1
27	Evacuated Tube Collector solar water Geyser with mount Solar water heater evacuated tube collector, insulated storage tank capacity=100litres, tank Insulation: polyurethane foam or rock wool.	each	1
28	Solar Irradiance Meter	Each	3
29	Work at Height equipment: Extension Ladder – 6m	set	1
30	Work at Height equipment: Modular Scaffolds to reach 7.5m height with a working platform at 6.5m - Mobile with lockable wheels	Set	2
31	Work at Height Personal Protective Equipment (safety harness)	set	5

Interested local bidders must submit their bids indicating the full specifications and delivery period via email: **zm_quotation@giz.de** with the subject line "**15.05.2024_Solar Equipment & Tools_ 91180011".**

Selection Criteria:

To be consider for this tender, bidders **MUST:**

- Include Company profile and legal documents with a turnover of K1,000,000.00 or more for the past financial year.
- Give a valid **Guarantee/Warrantee** for the minimum period of One Year
- Include the **data sheet and photo** of the Equipment to be delivered.

The closing date for handing in the **BIDS** is on **Wednesday 15th May 2024 at 13:00hrs**.

For further clarification and **request for specifications**/terms of purchase, interested parties may send enquiries to **zm_inquiry@giz.de**

Important Note.

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 sanctions 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.

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.

GIZ Procurement Unit