



Date: 22/5 /2025

~~Tender Name: Tender for supplying a solar energy system for Al-Khatmiya Health Center in Ad-Damazin Locality and Al-Qarib Health Center in~~
Qaisan

Tender Name: Tender of Provision of Solar System For PHCs in Damazine & Geissan

Project: Islamic Relief IRC -11-5- -2025

PR# 20737

Company Name:

Company Name:

Address:

the address:

Contact Person:

Company Representative:

:Number Mobile

Mobile number:

:email Elect

Email:

Islamic Relief Worldwide is a volunteer organization operating in Sudan since 1991, seeking to alleviate the suffering of the poor in the world without discrimination based on gender, creed, or origin. Since the beginning of its work in Sudan, the organization has successfully implemented many development projects.

Relief in the sectors of water, sanitation, health, education, livelihoods, emergencies and orphan support.

This tender is for the supply of a solar energy system for the Khatmiya Health Center in Ad-Damazin Locality and the Al-Qarib Health Center in Qaisan Locality, in

accordance with the terms and conditions set out below.

1. Commitment to the quantities and types specified in the attached specifications and quantities

table. 2. The required quantities may increase or decrease depending on the prices offered and the available budget.

Prices must include all fees.

3. The data is to be filled in the tender booklet only. A

contract will be signed to supply a solar energy system for Al-Khatmiya Health Center in Ad-Damazin Locality and Al-Qarib Health Center in Qaisan Locality. With the

Islamic Relief Worldwide Organization. To whomever wins the tender: A. Submit

a certificate of being free from taxes and zakat. B. Supply all

materials within (10) days from the date of signing the contract.

C. The organization has a technical committee that has the right to reject materials that do not conform to specifications upon receipt.

.4 Final invoice stamped with tax stamp after delivery of materials.

9. The tender value shall be paid in Sudanese pounds by check after receiving all quantities at the relevant sites and on the specified date.

10. The bidder must submit a certified check in the amount of 10% of the total bid value before signing the contract.

The applicant must attach:

.11

A. Company registration certificate/business name

B. Previous experience certificates and commercial license

C. Screen form (received with the tender booklet)

D. A copy of the ID of the Board of Directors/Managers/Employers

12. Bids shall be submitted in a sealed envelope, sealed with red wax, bearing the words "Tender for the Supply of a Solar Energy System for Al-Khatmiya Health

In the office Center in Ad-Damazin Locality and Al-Qarib Health Center in Qaisan Locality in Blue Nile State." It shall be deposited in the tender box

organized in Blue Nile State.

13. Commitment to all the above conditions, and bids that do not meet the conditions will not be considered.

14. The tender box cannot be opened to withdraw the tender booklet after depositing it. Anyone wishing to withdraw must submit a letter stating this.

In the bid box

15. The organization is not bound to accept the lowest or highest bid.

It also has the right to cancel all or some of the tender items.

⁹ The organization has the right to split the bid whenever it deems fit.

16. The last date for submitting bids is 05/31/2025 at 3:00 PM.

/1 Al-Khatmiya Health Center in Ad-Damazin Locality and Al-Qarib Health Center in Qaisan Locality

The sentence	price Unity	Quantitative unit	Specifications	Item
Solar energy works Solar				
energy works are carried out according to the general technical specifications and conform to the Sudanese or Saudi specifications for each of the solar cells, batteries, converter, block switch, cable, battery holders and cells. The price includes the supply of the materials necessary				
to complete the work.				Total (1

#	Item	Specification	QTY	Unit price SDG	Cost SDG						
1		Inverter 6KW/48 • Battery Voltage: 48VDC. • Battery Type: Lithium/Lead-Acid. • Rated Power: 6000VA/6000W. • Parallel Capability: Yes, 8 units maximum. • Surge Power: 12000VA. • Waveform: Pure Sine Wave. • Transfer Time: 10ms typical, 20ms Max. • DC Voltage 120 up to 500 V • Max Am 80	2								
2		10 kWh Lithium Battery B-LFP48-200PW • Model. Rated voltage. 51.2V. • Rated capacity. 200Ah. Battery Power. 10.24kWh. • Battery Type. LFP. Cycling Lifespan. 6000 Cycles. • Lifetime. 10 Years. Max. Parallel Capacity.	2								
3		Solar panel mono half cut 560 watt Grad : A <table><tr><td>Rated Power in Watts-Pmax(wp)</td><td>560W</td></tr><tr><td>Short Circuit Current-Isc(A)</td><td>14.5A</td></tr><tr><td>Maximum Power Voltage-Vmp(V)</td><td>41.20V</td></tr></table>	Rated Power in Watts-Pmax(wp)	560W	Short Circuit Current-Isc(A)	14.5A	Maximum Power Voltage-Vmp(V)	41.20V	24		
Rated Power in Watts-Pmax(wp)	560W										
Short Circuit Current-Isc(A)	14.5A										
Maximum Power Voltage-Vmp(V)	41.20V										

		Maximum power current-Imp(A)13.2A			
		Module Efficiency(%)21.66%			
4		Supply, install and commission of a complete Support Structure:- Bolted structure for modules mounting, it withstand high wind speed (200 m/s) 15°Tilt angle for Ground Installation	2 set		
5		mm² + 40 m DC 6 25mred+1m black copper cable1 -1 mm 2) 1 set MC4 2×1 3- DC breaker 32 Am 4- changeover switch with protection Items	2 set		
Sub- total					
Vat 17%					
Installation and transportation					
Total					

Total Amount in words_____

Company Name_____

Authorized person Name_____

Signature & Stamp:_____