

Date 23th July 2019
QUOTATION.

Supply and installation of an integrated solar system for **TEREZA AYIKO INTERNATIONAL HOSPITAL ATIAK**

Our quotation indicates systematic power consumption /ENERGY DEMAND FOR HOUR RATING of appliances specified to us as shown below.

Particulars	Specifications and description	Quantity	Rates	Amounts (shs)	Amounts (USD)
Solar Arrays	Mono-Poly crystalline solar arrays. 200watts/12-17VOC	119pcs	460,000	54,740,000=	1,4597.3
Battery	Deep cycle maintenance free sealed batteries 200AH/12V/20hrs	96pcs	1,400,000	144,000,000=	38,400
Intelligent controller	Mppt/12/24V/48v/80A	6pc	1,700,000	10,200,000=	2,720
Load cable	10mm*3core .Uv resistant cable.	215mtrs	15,000	3,225,000=	860
Panel frames	Mild steel angle frames 2500mm*3*42*15.	104pairs	45,000	4,680,000=	1,248
Inverter	Pure sine wave12V/6KVA/6000watts.	5pc	9,200,000	46,000,000=	12,266.7
Battery rack	Mild steel whole sectional angle stands fitted and enclosed with rovers for ventilation	8pcs	890,000	7,120,000=	1,898.7
Supply cable	10mm mult strand flexible cable. Supply AC loads through consumer units	185 mtrs	7,000	1,295,000=	345.3
Accessories	Cable lugs, 35mm. Of Aluminum pans	242pcs	3500	847,000=	225.8
	Insulation tape. Tronic black, red, and green	8 bars	20,000	160,000=	42.7
	Strip connectors, 30 A.	20pcs	5,000	100,000=	26.7

	Wall tracking 4 inch. For DC	18pcs	45000	810,000=	216
	Earth wire 4mm2*1core.link solar arrays and Equipment to anti surge protector units.	2 roll	85000	170,000=	45.3
	Wall plugs, 8mm. For mounting controller boards	5pkts	30,000	150,000=	40
	Tower clips 6mm. Polyvinyl	8pkts	20,000	160,000=	42.7
	LED bulbs 230V/B22/7watts.	294pcs	6000.	1764,000=	470.4
Sub total				275,421,000	73,445.6
Add : Vat18 %				49,575,780=	13,220.208
Labour				15,575,000	4153.3
Grand total				340,571,780=	90819.14

This bills of quantity is valid for only three months from the time it has been printed.

AND

The **BILLS OF QUANTITY** IS PREPAERED BY: Akena Alfred

The managing DIRECTOR Aworowiny Enterprise (U) Limited

Email: aworowiny@gmail .com

alfredakena@gmail.com

Mobile: +256772796878/782567678