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*Dealers in: Construction works, Electrical Intallation, Plumbing and General supplies of Agricultural inputs.*

**Date 23<sup>th</sup> 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<br>230V/B22/7watts.  | 294pcs | 6000.  | 1764,000=           | 470.4             |
| <b>Sub total</b>             |  |        |        | <b>275,421,000</b>  | <b>73,445.6</b>   |
| <b>Add :<br/>Vat18<br/>%</b> |  |        |        | <b>49,575,780=</b>  | <b>13,220.208</b> |
| <b>Labour</b>                |  |        |        | <b>15,575,000</b>   | <b>4153.3</b>     |
| <b>Grand total</b>           |  |        |        | <b>340,571,780=</b> | <b>90819.14</b>   |

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

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