



Kenya Power

The Kenya Power & Lighting Co. PLC.
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Stima Plaza, Kolobot Road

Our Ref: KE-KPLC-417990-CW-RFB/SM/mo

21st June, 2024

TO: ALL PROSPECTIVE BIDDERS

Dear Sir/ Madam

ADDENDUM NO. 3 FOR TENDER NO: KE-KPLC-417990-CW-RFB- PROCUREMENT OF DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF STAND-ALONE SOLAR PHOTOVOLTAIC SYSTEMS WITH BATTERY ENERGY STORAGE FOR COMMUNITY FACILITIES IN TURKANA, WEST POKOT, MARSABIT, ISIOLO, SAMBURU, MANDERA, WAJIR, GARISSA, TANA RIVER, NAROK, LAMU, KILIFI AND KWALE COUNTIES IN KENYA WITH 7 YEARS O&M SERVICES DATED 23RD APRIL, 2024.

The following amendments are made to the specific provisions of the issued bidding document for procurement of Design, Supply, Installation and Commissioning of stand-alone solar photovoltaic systems with battery energy storage for community facilities in Turkana, West Pokot, Marsabit, Isiolo, Samburu, Mandera, Wajir, Garissa, Tana River, Narok, Lamu, Kilifi and Kwale Counties in Kenya with 7 years O&M services.

Save where expressly amended by the term of the addendum, the Principal Bidding Document shall continue to be in full force and effect. The provision of this addendum shall be deemed to have been incorporated in and shall be read and construed as part of the Principal Bidding Document.

VOLUME I (PART 1 & 3): BIDDING PROCEDURES AND CONDITIONS OF CONTRACT AND CONTRACT FORMS

1) SECTION II- BID DATA SHEET

ITB 23.1 and 26.1 in the Bid Data Sheet have been amended to read as follows:

| ITB NO. | ITB Reference Clause | Particulars |
|---------|---------------------------------|---|
| 23.1 | Deadline for submission of bids | <p>For bid submission purposes only, the Employer's address is: Attention: The General Manager, Supply Chain & Logistics Kenya Power & Lighting Company PLC Stima Plaza, 3rd Floor – General Manager's Office Kolobot Road, Parklands Nairobi, Kenya</p> <p>The deadline for bid submission is: Date: 16th July 2024 Time: 10.00 a.m</p> <p>Bidders shall not have the option of submitting their bids electronically</p> |

| | | |
|------|-------------|---|
| 26.1 | Bid Opening | The bid opening shall take place at: Street Address: KPLC Offices, Stima Plaza, Kolobot Road, Parklands Floor/Room number: Ground Floor- Auditorium City: Nairobi Country: Kenya Date: 16th July 2024 Time: 10.30a.m |
|------|-------------|---|

2) SECTION IV – BIDDING FORMS, Letter of Bid, item (f)

Item (f) has been amended to read as follows:

(f) Bid Price: The total price of our Bid, excluding any discounts offered in item (g) below is: *[Insert one of the options below as appropriate]*

Option 1, in case of one lot:

Lot No: _____

(i) Price Phase 1 - Supply and Installation is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

(ii) Price Phase 2 - Operations and Maintenance is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

(iii) Total price is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

Or

Option 2, in case of multiple lots: **Total price of each lot:**

Lot No: _____

(i) Price Phase 1 - Supply and Installation is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

(ii) Price Phase 2 - Operations and Maintenance is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

(iii) Total price is: *[insert the total price of the Bid in words and figures, indicating the various amounts and the respective currencies];*

Note: The above (option 2) shall be repeated for each respective lot.

3) SECTION IV – BIDDING FORMS, Technical Proposal, Plant (Page 101)

This part has been amended to read as follows:

Plant

The bidder shall submit preliminary drawings in the form of Single Line Diagrams (SLD) for the Stand Alone Systems in the lot.

1 (one) SLD is required for each unique capacity of PV system. For example, 1 drawing to represent 1500Wp systems, 1 drawing to represent 2000Wp systems and so on.

VOLUME II (Part 2): SECTION VII EMPLOYER'S REQUIREMENTS, TECHNICAL SPECIFICATIONS AND DRAWINGS**1) CHAPTER 1. SCOPE OF SUPPLY OF PLANT AND INSTALLATION SERVICES, 1.1 Introduction, General Scope**

The first paragraph of the General Scope, has been amended to read as follows:

General Scope

The project scope for this assignment includes Design, Supply, Installation, Metering and Commissioning of **343 No.** Stand Alone Solar Photovoltaic Systems with Battery Energy Storage with 7 years Operations and Maintenance (O&M) services in the following 13 Counties: Turkana, West Pokot, Marsabit, Isiolo, Samburu, Mandera, Wajir, Garissa, Tana River, Narok, Lamu, Kilifi and Kwale. The scope includes customer connection and installation of **343** electronic pre-paid energy meters including earthing, cabling to the meterbox, and limited internal wiring (as outlined in Chapter 5) at the customer premise as well as issuing statutory wiring documents. All other associated materials and accessories on turnkey basis for completeness of works to be provided by the contractor.

2) CHAPTER 1. SCOPE OF SUPPLY OF PLANT AND INSTALLATION SERVICES, 1.1 Introduction, Table 1: Lots and General Scope of Works

The entry on KE-KPLC-417990-CW-RFB Lot 6 (last row of table 1) has been amended to read as follows;

| Lot Name | Counties | Scope of Works |
|-----------------------------|------------------------|--|
| KE-KPLC-417990-CW-RFB Lot 6 | Lamu, Kilifi and Kwale | <ul style="list-style-type: none"> Design, Supply, Installation, Metering and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for 46 No. Community Facilities. O&M services for 7 years |

3) CHAPTER 1. SCOPE OF SUPPLY OF PLANT AND INSTALLATION SERVICES, 1.2 Scope and characteristics of Stand Alone Solar Photovoltaic (SPV) Systems, Table 7: Scope Details - Lot 6 (Lamu, Kilifi and Kwale Counties)

Table 7 has been amended to read as follows:

Table 1: Scope Details - Lot 6 (Lamu, Kilifi and Kwale Counties)

| No. | County | Name of Facility | Minimum PV Capacity (Wp) | Minimum Battery Capacity (Wh) | Minimum PV Inverter (for systems of PV capacity of 3kWp and above) (W) | Minimum Battery Inverter Charger (for systems of PV capacity below 3kWp) (W) | Minimum Charge Controller (for systems of PV capacity below 3kWp) (A) | DC Voltage (V) | Nominal AC Voltage (V) |
|-----|--------|---------------------------|--------------------------|-------------------------------|--|--|---|----------------|------------------------|
| 1 | Lamu | Dide waride dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 2 | Lamu | kizuke primary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 3 | Lamu | Maisha masha | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 4 | Lamu | Didewaride primary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 5 | Lamu | Pangani Secondary School | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |

| No. | County | Name of Facility | Minimum PV Capacity (Wp) | Minimum Battery Capacity (Wh) | Minimum PV Inverter (for systems of PV capacity of 3kWp and above) (W) | Minimum Battery Inverter Charger (for systems of PV capacity below 3kWp) (W) | Minimum Charge Controller (for systems of PV capacity below 3kWp) (A) | DC Voltage (V) | Nominal AC Voltage (V) |
|-----|--------|----------------------------------|-----------------------------|----------------------------------|--|--|---|-------------------|---------------------------|
| 6 | Lamu | Sinambio dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 7 | Lamu | Pandanguo primary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 8 | Lamu | Chalaluma primary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 9 | Lamu | Barigoni Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 10 | Lamu | Basuba Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 11 | Lamu | Bodhei Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 12 | Lamu | Ishakani Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 13 | Lamu | Mangai Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 14 | Kilifi | Kurawa Secondary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 15 | Kilifi | Watala Secondary School | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 16 | Kilifi | Mwangatini Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 17 | Kilifi | Gandini Assistant Chief's office | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 18 | Kilifi | Gandini Primary school | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 19 | Kilifi | Viragoni dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 20 | Kilifi | Gandini dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 21 | Kilifi | Karimboni dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 22 | Kilifi | Mulunguni dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 23 | Kilifi | Muryachakwe Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 24 | Kwale | Mbegani Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 25 | Kwale | Chanzou Dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 26 | Kwale | Mwachinga dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 27 | Kwale | Gozani dispensary | 1,500 | 9,379 | | 1,500 | 60 | 24V | 240V, 1φ |
| 28 | Lamu | Basuba | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 29 | Lamu | Ishakani | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 30 | Lamu | Kiangwi | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 31 | Lamu | Madani | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 32 | Lamu | Mangai | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 33 | Lamu | Marararni | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 34 | Lamu | Pandanguo Dispensary | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |

| No. | County | Name of Facility | Minimum PV Capacity (Wp) | Minimum Battery Capacity (Wh) | Minimum PV Inverter (for systems of PV capacity of 3kWp and above) (W) | Minimum Battery Inverter Charger (for systems of PV capacity below 3kWp) (W) | Minimum Charge Controller (for systems of PV capacity below 3kWp) (A) | DC Voltage (V) | Nominal AC Voltage (V) |
|-----|--------|-----------------------------|--------------------------|-------------------------------|--|--|---|----------------|------------------------|
| 35 | Lamu | Kiangwi Dispensary | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 36 | Kilifi | Local Chief's Office | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 37 | Kilifi | Waresa Secondary School | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 38 | Kilifi | Kadaina Dispensary | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 39 | Kwale | Mkang'ombe Dispensary | 2,000 | 12,505 | | 2,000 | 75 | 24V | 240V, 1φ |
| 40 | Lamu | Maisha Masha secondary | 2,400 | 15,006 | | 2,400 | 90 | 24V | 240V, 1φ |
| 41 | Lamu | Majembeni Secondary School | 2,400 | 15,006 | | 2,400 | 90 | 24V | 240V, 1φ |
| 42 | Kilifi | Chamari dispensary | 2,400 | 15,006 | | 2,400 | 90 | 24V | 240V, 1φ |
| 43 | Kilifi | Midoina dispensary | 2,400 | 15,006 | | 2,400 | 90 | 24V | 240V, 1φ |
| 44 | Kwale | Mbegani secondary | 2,400 | 15,006 | | 2,400 | 90 | 24V | 240V, 1φ |
| 45 | Kilifi | Motoloani dispensary | 4,000 | 25,011 | 4,000 | 4,000 | | 48V | 240V, 1φ |
| 46 | Kilifi | Shujaa Mekatilili Secondary | 16,000 | 100,042 | 16,000 | 16,000 | | 48V | 415V, 3φ |

4) CHAPTER 4. TECHNICAL SPECIFICATIONS FOR SOLAR POWER GENERATION PLANT, 4.2 PV Inverter

Clause 4.2.13 has been amended to read as follows:

4.2.13 Degree of protection of the indoor inverter shall be at least IP-21 and that of outdoor at least IP-65.

5) CHAPTER 4. TECHNICAL SPECIFICATIONS FOR SOLAR POWER GENERATION PLANT, 4.4 Battery Inverter Charger

Clause 4.4.13 has been amended to read as follows:

4.4.13 Degree of protection of the indoor inverter shall be at least IP-21 and that of outdoor at least IP-65.

6) CHAPTER 4. TECHNICAL SPECIFICATIONS FOR SOLAR POWER GENERATION PLANT, 4.3 Battery Energy Storage System (BESS)

Clauses 4.3.6 and 4.3.18(v) have been amended to read as follows:

4.3.6 Battery Enclosures (casing) should conform to IP54 for Indoor or better.

4.3.18 (v) Battery Enclosures (casing) conforming to IP54 for Indoor or better.

7) APPENDIX 2 – CAPACITY FORMS TABLES, Table 27: Capacity Form - Lot 6 (Lamu, Kilifi and Kwale Counties)

Table 27 has been amended to read as follows:

Table 2: Capacity Form - Lot 6 (Lamu, Kilifi and Kwale Counties)

| No. | County | Name of Facility | PV Modules | | Battery | | PV Inverter | | Battery Inverter (or Hybrid Inverter if applicable) | | Charge Controller (whether separate or within Hybrid Inverter) ¹ | | Separate or Hybrid equipment ² |
|-----|--------|---------------------------|-----------------------------|---------------------|-----------------------------|---------------------|----------------------------|--------------------|---|--------------------|---|----------------|---|
| | | | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | |
| | | | Minimum Total Capacity (Wp) | Total Capacity (Wp) | Minimum Total Capacity (Wh) | Total Capacity (Wh) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Capacity (A) | Capacity (A) | |
| 1 | Lamu | Dide waride dispensary | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 2 | Lamu | kizuke primary school | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 3 | Lamu | Maisha masha | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 4 | Lamu | Didewaride primary school | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 5 | Lamu | Pangani Secondary School | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 6 | Lamu | Sinambio dispensary | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 7 | Lamu | Pandanguo primary school | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 8 | Lamu | Chalaluma primary school | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 9 | Lamu | Barigoni Dispensary | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |
| 10 | Lamu | Basuba Dispensary | 1,500 | | 9,379 | | 1,500 | | 60 | | | | |

¹ The bidder must fill in the capacity (A) of Charge Controller offered, for systems of PV capacity less than 3kW. This must be filled in whether the Charge Controller is a separate equipment or it is integrated within a Hybrid Inverter.

² For sites with PV capacity of less than 3kW; the bidder to state 'SEPARATE' if offering a separate Battery Inverter/Charger and separate Charge Controller, other wise state 'HYBRID' if offering a Hybrid Inverter. For sites having PV capacity of 3kWp and above; the bidder to state 'SEPARATE' if offering a separate Battery Inverter/Charger and separate PV Inverter, other wise state 'HYBRID' if offering a Hybrid Inverter.

| No. | County | Name of Facility | PV Modules | | Battery | | PV Inverter | | Battery Inverter (or Hybrid Inverter if applicable) | | Charge Controller (whether separate or within Hybrid Inverter) | | Separate or Hybrid equipment? |
|-----|--------|----------------------------------|-----------------------------|---------------------|-----------------------------|---------------------|----------------------------|--------------------|---|--------------------|--|----------------|-------------------------------|
| | | | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | |
| | | | Minimum Total Capacity (Wp) | Total Capacity (Wp) | Minimum Total Capacity (Wh) | Total Capacity (Wh) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Capacity (A) | Capacity (A) | Bidder's offer |
| 11 | Lamu | Bodhei Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 12 | Lamu | Ishakani Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 13 | Lamu | Mangai Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 14 | Kilifi | Kurawa Secondary school | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 15 | Kilifi | Watala Secondary School | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 16 | Kilifi | Mwangatini Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 17 | Kilifi | Gandini Assistant Chief's office | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 18 | Kilifi | Gandini Primary school | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 19 | Kilifi | Viragoni dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 20 | Kilifi | Gandini dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 21 | Kilifi | Karimboni dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 22 | Kilifi | Mulunguni dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 23 | Kilifi | Muryachakwe Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 24 | Kwale | Mbegani Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 25 | Kwale | Chanzou Dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 26 | Kwale | Mwachinga dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 27 | Kwale | Gozani dispensary | 1,500 | | 9,379 | | 1,500 | | 1,500 | | 60 | | |
| 28 | Lamu | Basuba | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 29 | Lamu | Ishakani | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 30 | Lamu | Kiangwi | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |

| No. | County | Name of Facility | PV Modules | | Battery | | PV Inverter | | Battery Inverter (or Hybrid Inverter if applicable) | | Charge Controller (whether separate or within Hybrid Inverter) ¹ | | Separate or Hybrid equipment ² |
|-----|--------|----------------------------|-----------------------------|---------------------|-----------------------------|---------------------|----------------------------|--------------------|---|--------------------|---|----------------|---|
| | | | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | KPLC requirement | Bidder's offer | |
| | | | Minimum Total Capacity (Wp) | Total Capacity (Wp) | Minimum Total Capacity (Wh) | Total Capacity (Wh) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Total Capacity (W) | Total Capacity (W) | Minimum Capacity (A) | Capacity (A) | Bidder to state 'SEPARATE' or 'HYBRID' |
| 31 | Lamu | Madani | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 32 | Lamu | Mangai | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 33 | Lamu | Marararni | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 34 | Lamu | Pandanguo Dispensary | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 35 | Lamu | Kiangwi Dispensary | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 36 | Kilifi | Local Chief's Office | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 37 | Kilifi | Waresa Secondary School | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 38 | Kilifi | Kadaina Dispensary | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 39 | Kwale | Mkang'ombe Dispensary | 2,000 | | 12,505 | | 2,000 | | 2,000 | | 75 | | |
| 40 | Lamu | Maisha Masha secondary | 2,400 | | 15,006 | | 2,400 | | 2,400 | | 90 | | |
| 41 | Lamu | Majembeni Secondary School | 2,400 | | 15,006 | | 2,400 | | 2,400 | | 90 | | |
| 42 | Kilifi | Chamari dispensary | 2,400 | | 15,006 | | 2,400 | | 2,400 | | 90 | | |
| 43 | Kilifi | Midoina dispensary | 2,400 | | 15,006 | | 2,400 | | 2,400 | | 90 | | |
| 44 | Kwale | Mbegani secondary | 2,400 | | 15,006 | | 2,400 | | 2,400 | | 90 | | |
| 45 | Kilifi | Motoloani dispensary | 4,000 | | 25,011 | | 4,000 | | 4,000 | | | | |
| 46 | Kilifi | Shujaa Mekathili Secondary | 16,000 | | 100,042 | | 16,000 | | 16,000 | | | | |

Name of Bidder

Signature of Bidder

8) APPENDIX 3 – LOCATIONAL DETAILS OF SITES, Table 29: Locational Details - Lot 2 (West Pokot County)

Community facilities No. 14 and No. 31 have been ammended as follows:

| No. | County | Subcounty | Facility Type | Name of Facility | Coordinates |
|-----|------------|-------------|---------------|---|------------------------|
| 14 | West Pokot | Pokot South | School | St. Marks mixed Day and Boarding Secondary School- Kapkaremba | 1.31655279, 35.3632799 |
| 31 | West Pokot | Pokot South | School | Sobukwo secondary School | 1.45598349, 35.3366059 |

9) APPENDIX 3 – LOCATIONAL DETAILS OF SITES, Table 32: Locational Details - Lot 5 (Garissa, Tana River and Narok Counties)

Community facilities No. 3 and No. 26 have been ammended as follows:

| No. | County | Subcounty | Facility Type | Name of Facility | Coordinates |
|-----|---------|-----------|---------------|----------------------|----------------------|
| 3 | Garissa | Ijara | Clinic | Kotile health center | -1.969722, 40.206111 |
| 26 | Garissa | Ijara | Clinic | Hara health center | -1.850556, 40.228611 |

10) APPENDIX 3 – LOCATIONAL DETAILS OF SITES, Table 33: Locational Details - Lot 6 (Lamu, Kilifi and Kwale Counties)

Table 33 has been amended to read as follows:

Table 3: Locational Details - Lot 6 (Lamu, Kilifi and Kwale Counties)

| No. | County | Subcounty | Facility Type | Name of Facility | Coordinates |
|-----|--------|-----------|---------------|---------------------------|------------------------|
| 1 | Lamu | Lamu West | Clinic | Dide waride dispensary | -2.4180981, 40.3978787 |
| 2 | Lamu | Lamu West | School | kizuke primary school | -2.3322538, 40.7536163 |
| 3 | Lamu | Lamu West | Clinic | Maisha masha | -2.4088066, 40.5395899 |
| 4 | Lamu | Lamu West | School | Didewaride primary school | -2.4162367, 40.3978053 |
| 5 | Lamu | Lamu West | School | Pangani Secondary School | -2.3676549, 40.5517749 |
| 6 | Lamu | Lamu West | Clinic | Sinambio dispensary | -2.3875231, 40.6210803 |
| 7 | Lamu | Lamu West | School | Pandanguo primary school | -2.2360086, 40.4784391 |
| 8 | Lamu | Lamu West | School | Chalaluma primary school | -2.4081976, 40.3591681 |
| 9 | Lamu | Lamu West | Clinic | Barigoni Dispensary | -2.0182879, 40.7804149 |
| 10 | Lamu | Lamu West | Clinic | Basuba Dispensary | -1.7832603, 41.0405094 |
| 11 | Lamu | Lamu West | Clinic | Bodhei Dispensary | -1.8604266, 40.7129778 |
| 12 | Lamu | Lamu East | Clinic | Ishakani Dispensary | -1.6861697, 41.5333046 |
| 13 | Lamu | Lamu East | Clinic | Mangai Dispensary | -1.7505630, 41.1725188 |
| 14 | Lamu | Lamu East | School | Basuba | -1.7831124, 41.0405374 |
| 15 | Lamu | Lamu East | School | Ishakani | -1.6862470, 41.5333757 |
| 16 | Lamu | Lamu East | School | Kiangwi | -1.9310922, 40.9748580 |
| 17 | Lamu | Lamu East | School | Madani | -1.9711373, 41.2951080 |
| 18 | Lamu | Lamu East | School | Mangai | -1.7509033, 41.1725635 |
| 19 | Lamu | Lamu East | School | Marararni | -1.7030879, 41.3027462 |
| 20 | Lamu | Lamu West | Clinic | Pandanguo Dispensary | -2.2352575, 40.4783403 |

| No. | County | Subcounty | Facility Type | Name of Facility | Coordinates |
|-----|--------|--------------|---------------|----------------------------------|------------------------|
| 21 | Lamu | Lamu East | Clinic | Kiangwi Dispensary | -1.9315157, 40.9753262 |
| 22 | Lamu | Lamu West | School | Maisha Masha secondary | -2.4120711, 40.5400118 |
| 23 | Lamu | Lamu West | School | Majembeni Secondary School | -2.3246921, 40.6126195 |
| 24 | Kilifi | Magarini | School | Kurawa Secondary school | -2.7392400, 40.1447716 |
| 25 | Kilifi | Magarini | School | Watala Secondary School | -2.9332200, 39.9332716 |
| 26 | Kilifi | Magarini | Clinic | Mwangatini Dispensary | -3.1421577, 40.0431586 |
| 27 | Kilifi | Magarini | Office | Gandini Assistant Chief's office | -3.0892173, 39.8244143 |
| 28 | Kilifi | Magarini | School | Gandini Primary school | -3.0881925, 39.8251449 |
| 29 | Kilifi | Kaloleni | Clinic | Viragoni dispensary | -3.7114658, 39.5152324 |
| 30 | Kilifi | Magarini | Clinic | Gandini dispensary | -3.0888553, 39.8245840 |
| 31 | Kilifi | Magarini | Clinic | Karimboni dispensary | -3.1247703, 39.9839678 |
| 32 | Kilifi | Magarini | Clinic | Mulunguni dispensary | -2.9759336, 39.7722143 |
| 33 | Kilifi | Ganze | Clinic | Muryachakwe Dispensary | -3.2882985, 39.5764015 |
| 34 | Kilifi | Magarini | Office | Local Chief's Office | -3.1036819, 39.7842586 |
| 35 | Kilifi | Magarini | Clinic | Waresa Secondary School | -2.9541527, 40.0087755 |
| 36 | Kilifi | Kilifi North | Clinic | Kadaina Dispensary | -3.3640887, 39.9511055 |
| 37 | Kilifi | Magarini | Clinic | Chamari dispensary | -2.9025847, 39.8973541 |
| 38 | Kilifi | Ganze | Clinic | Midoina dispensary | -3.5621035, 39.3227255 |
| 39 | Kilifi | Magarini | Clinic | Motoloani dispensary | -3.1017503, 39.6697975 |
| 40 | Kilifi | Magarini | School | Shujaa Mekatilili Secondary | -3.0186103, 39.8155616 |
| 41 | Kwale | Matuga | Clinic | Mbegani Dispensary | -4.3574799, 39.1878697 |
| 42 | Kwale | Kinango | Clinic | Chanzou Dispensary | -3.7255812, 39.3176674 |
| 43 | Kwale | Kinango | Clinic | Mwachinga dispensary | -4.1286215, 39.4237806 |
| 44 | Kwale | Kinango | Clinic | Gozani dispensary | -4.0575742, 39.0418475 |
| 45 | Kwale | Kinango | Clinic | Mkang'ombe Dispensary | -4.1970633, 39.1430666 |
| 46 | Kwale | Matuga | Clinic | Mbegani secondary | -4.3632716, 39.1975899 |

VOLUME III: SECTION IV SCHEDULE OF RATES AND PRICES

1) LOT 6 SCHEDULE OF RATES AND PRICES - LAMU, KILIFI AND KWALE COUNTIES

Lot 6 Schedule of Rates and Prices– Lamu, Kilifi and Kwale, has been amended to read as follows:

LOT 6 SCHEDULE OF RATES AND PRICES- LAMU, KILIFI AND KWALE COUNTIES

| SCHEDULE NO. 1 - PLANT AND MANDATORY SPARE PARTS SUPPLIED FROM ABROAD | | | | | | |
|--|---|-------------------|--------------------|------|-----------------------------|------------------------------|
| Item | Description | Code ¹ | Unit | Qty. | CIP Unit Price ² | CIP Total Price ² |
| | | | | (1) | (2) | (1) X (2) |
| SPV Modules | | | | | | |
| Lot 6-101 | 1500 Wp Standard monocrystalline or polycrystalline silicon SPV modules | | Lot (No. of sites) | 27 | | |
| Lot 6-102 | 2000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | | Lot (No. of sites) | 12 | | |
| Lot 6-103 | 2400 Wp Standard monocrystalline or polycrystalline silicon SPV modules | | Lot (No. of sites) | 5 | | |
| Lot 6-104 | 4000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | | Lot (No. of sites) | 1 | | |
| Lot 6-105 | 16000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | | Lot (No. of sites) | 1 | | |
| Sub-total SPV Modules | | | | | | |
| Module Mounting (Fixed-tilt racking) Structure(s) | | | | | | |
| Lot 6-106 | 1500Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | | Lot (No. of sites) | 27 | | |
| Lot 6-107 | 2000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | | Lot (No. of sites) | 12 | | |
| Lot 6-108 | 2400Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | | Lot (No. of sites) | 5 | | |
| Lot 6-109 | 4000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | | Lot (No. of sites) | 1 | | |
| Lot 6-110 | 16000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | | Lot (No. of sites) | 1 | | |
| Sub-total Module Mounting (Fixed-tilt racking) Structure(s) | | | | | | |
| Battery Inverter Charger (or Hybrid Inverter if applicable) | | | | | | |
| Lot 6-111 | 1500W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | | No. | 27 | | |
| Lot 6-112 | 2000W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | | No. | 12 | | |
| Lot 6-113 | 2400W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | | No. | 5 | | |
| Lot 6-114 | 4000W Battery Inverter Charger (DC voltage: 48VDC ; AC: 240V, 1φ) | | No. | 1 | | |
| Lot 6-115 | 16000W Battery Inverter Charger (DC voltage: 48VDC ; AC: 415V, 3φ) | | No. | 1 | | |
| Sub-total Battery Inverter/Charger (or Hybrid Inverter if applicable) | | | | | | |
| Solar PV Inverters for systems having PV capacity of 3kWp and above (If bidder offers Hybrid Inverter; bidder to fill N/A in this section) | | | | | | |
| Lot 6-116 | 4000W Solar PV Inverter (AC: 240V, 1φ) | | No. | 1 | | |
| Lot 6-117 | 16000W Solar PV Inverter (AC: 415V, 3φ) | | No. | 1 | | |
| Sub-total Solar PV Inverters | | | | | | |
| Charge Controllers for systems having PV capacity of less than 3kWp (If bidder offers Hybrid Inverter i.e. Inverter with an inbuilt MPPT Charge Controller; bidder to fill N/A in this section) | | | | | | |
| Lot 6-118 | 60A MPPT Charge controllers (24VDC) | | No. | 27 | | |

| | | | | | | |
|--|---|------|--------------------|-----------------------------|--|------------------------------|
| Lot 6-119 | 75A MPPT Charge controllers (24VDC) | | No. | 12 | | |
| Lot 6-120 | 90A MPPT Charge controllers (24VDC) | | No. | 5 | | |
| Sub-total Charge Controllers | | | | | | |
| Battery Energy Storage System | | | | | | |
| Lot 6-121 | 9,379Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | | Lot (No. of sites) | 27 | | |
| Lot 6-122 | 12,505Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | | Lot (No. of sites) | 12 | | |
| Lot 6-123 | 15,006Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | | Lot (No. of sites) | 5 | | |
| Lot 6-124 | 25,011Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | | Lot (No. of sites) | 1 | | |
| Lot 6-125 | 100,042Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | | Lot (No. of sites) | 1 | | |
| Sub-total Battery Energy Storage System | | | | | | |
| Other Solar Power Generation Plant (SPGP) Items | | | | | | |
| Lot 6-126 | Service Cable (16mm ² PVC Insulated Single Phase Concentric Aluminum Cable) | | Metres | 2250 | | |
| Lot 6-127 | Service Cable (25mm ² PVC Insulated Three phase, 4 core Concentric Aluminum Cable) | | Metres | 50 | | |
| Lot 6-128 | Internal wiring materials for the main building of the community facility with a minimum of Fuse cutout, 63A Distribution Board, 5 lighting points, 2 sockets and suitable earth | | Lot | 46 | | |
| Lot 6-129 | Earthing materials and accessories (Including lightning arrestors, DC earthing, AC earthing, earthing at beneficiary premises) | | Lot | 46 | | |
| Lot 6-130 | Metering system for solar energy generation from SPGP consisting of the meter and associated accessories including its mounting and enclosure | | Lot | 46 | | |
| Lot 6-131 | All balance of system components for interconnecting the battery and solar array with their inverters and the wider AC distribution system in compliance with all relevant local and international codes and standards at the time of installation. This is including but not limited to: AC & DC wiring, breakers, fuses, 10mm ² copper dropper cables for customer meters, meterboxes, cut outs, combiner boxes, recombiner boxes, panelboards, conduits, cables and cable trays, relays, trenches, support structures, cabinets, sensors and any other materials required for complete operation of the system. | | Lot | 46 | | |
| Sub-total Other SPGP Items | | | | | | |
| TOTAL (To Schedule No. 7. Grand Summary) | | | | | | |
| | | | | | Name of Bidder _____ | |
| | | | | | Signature of Bidder _____ | |
| ¹ Bidders shall enter a code representing the country of origin of all imported plant and equipment. | | | | | | |
| ² Specify currency. Create and use as many columns for Unit Price and Total Price as there are currencies. | | | | | | |
| NB – For details of each item, refer to Volume II, Employer's Requirements, Technical Specifications & Drawings | | | | | | |
| COUNTRY OF ORIGIN DECLARATION FORM | | | | | | |
| Item | Description | Code | Country | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| SCHEDULE NO. 2 - PLANT AND MANDATORY SPARE PARTS SUPPLIED FROM WITHIN THE EMPLOYER'S COUNTRY | | | | | | |
| Item | Description | Unit | Qty. | EXW Unit Price ¹ | Sales and other taxes payable per line | EXW Total Price ¹ |
| | | | (1) | (2) | | (1) X (2) |

| | | | | | item if Contract is awarded (in accordance with ITB 17.5 (b) (ii)) |
|--|---|--------------------|----|--|--|
| SPV Modules | | | | | |
| Lot 6-201 | 1500 Wp Standard monocrystalline or polycrystalline silicon SPV modules | Lot (No. of sites) | 27 | | |
| Lot 6-202 | 2000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | Lot (No. of sites) | 12 | | |
| Lot 6-203 | 2400 Wp Standard monocrystalline or polycrystalline silicon SPV modules | Lot (No. of sites) | 5 | | |
| Lot 6-204 | 4000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | Lot (No. of sites) | 1 | | |
| Lot 6-205 | 16000 Wp Standard monocrystalline or polycrystalline silicon SPV modules | Lot (No. of sites) | 1 | | |
| Sub-total SPV Modules | | | | | |
| Module Mounting (Fixed-tilt racking) Structure(s) | | | | | |
| Lot 6-206 | 1500Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | Lot (No. of sites) | 27 | | |
| Lot 6-207 | 2000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | Lot (No. of sites) | 12 | | |
| Lot 6-208 | 2400Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | Lot (No. of sites) | 5 | | |
| Lot 6-209 | 4000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | Lot (No. of sites) | 1 | | |
| Lot 6-210 | 16000Wp SPV modules ground mounted fixed-tilt racking steel structure(s) including all necessary nuts and bolts as well as necessary clamps, foundation bolts etc | Lot (No. of sites) | 1 | | |
| Sub-total Module Mounting (Fixed-tilt racking) Structure(s) | | | | | |
| Battery Inverter Charger (or Hybrid Inverter if applicable) | | | | | |
| Lot 6-211 | 1500W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | No. | 27 | | |
| Lot 6-212 | 2000W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | No. | 12 | | |
| Lot 6-213 | 2400W Battery Inverter Charger (DC voltage: 24VDC ; AC: 240V, 1φ) | No. | 5 | | |
| Lot 6-214 | 4000W Battery Inverter Charger (DC voltage: 48VDC ; AC: 240V, 1φ) | No. | 1 | | |
| Lot 6-215 | 16000W Battery Inverter Charger (DC voltage: 48VDC ; AC: 415V, 3φ) | No. | 1 | | |
| Sub-total Battery Inverter/Charger (or Hybrid Inverter if applicable) | | | | | |
| Solar PV Inverters for systems having PV capacity of 3kWp and above (If bidder offers Hybrid Inverter; bidder to fill N/A in this section) | | | | | |
| Lot 6-216 | 4000W Solar PV Inverter (AC: 240V, 1φ) | No. | 1 | | |
| Lot 6-217 | 16000W Solar PV Inverter (AC: 415V, 3φ) | No. | 1 | | |
| Sub-total Solar PV Inverters | | | | | |
| Charge Controllers for systems having PV capacity of less than 3kWp (If bidder offers Hybrid Inverter i.e. Inverter with an inbuilt MPPT Charge Controller; bidder to fill N/A in this section) | | | | | |
| Lot 6-218 | 60A MPPT Charge controllers (24VDC) | No. | 27 | | |
| Lot 6-219 | 75A MPPT Charge controllers (24VDC) | No. | 12 | | |
| Lot 6-220 | 90A MPPT Charge controllers (24VDC) | No. | 5 | | |

| Sub-total Charge Controllers | | | | | | |
|---|---|--------------------|---------------------------|-------------------------|--------------------------|--------------------------|
| Battery Energy Storage System | | | | | | |
| Lot 6-221 | 9,379Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | Lot (No. of sites) | 27 | | | |
| Lot 6-222 | 12,505Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | Lot (No. of sites) | 12 | | | |
| Lot 6-223 | 15,006Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | Lot (No. of sites) | 5 | | | |
| Lot 6-224 | 25,011Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | Lot (No. of sites) | 1 | | | |
| Lot 6-225 | 100,042Wh Battery Energy Storage System (Battery bank, Battery rack, Battery Management System and associated accessories) | Lot (No. of sites) | 1 | | | |
| Sub-total Battery Energy storage system | | | | | | |
| Other Solar Power Generation Plant (SPGP) Items | | | | | | |
| Lot 6-226 | Service Cable (16mm ² PVC Insulated Single Phase Concentric Aluminum Cable) | Metres | 2250 | | | |
| Lot 6-227 | Service Cable (25mm ² PVC Insulated Three phase, 4 core Concentric Aluminum Cable) | Metres | 50 | | | |
| Lot 6-228 | Internal wiring materials for the main building of the community facility with a minimum of Fuse cutout, 63A Distribution Board, 5 lighting points, 2 sockets and suitable earth | Lot | 46 | | | |
| Lot 6-229 | Earthing materials and accessories (Including lightning arrestors, DC earthing, AC earthing, earthing at beneficiary premises) | Lot | 46 | | | |
| Lot 6-230 | Metering system for solar energy generation from SPGP consisting of the meter and associated accessories including its mounting and enclosure | Lot | 46 | | | |
| Lot 6-231 | All balance of system components for interconnecting the battery and solar array with their inverters and the wider AC distribution system in compliance with all relevant local and international codes and standards at the time of installation. This is including but not limited to: AC & DC wiring, breakers, fuses, 10mm ² copper dropper cables for customer meters, meterboxes, cut outs, combiner boxes, recombiner boxes, panelboards, conduits, cables and cable trays, relays, trenches, support structures, cabinets, sensors and any other materials required for complete operation of the system. | Lot | 46 | | | |
| Sub-total Other SPGP Items | | | | | | |
| TOTAL (To Schedule No. 7. Grand Summary) | | | | | | |
| | | | Name of Bidder _____ | | | |
| | | | Signature of Bidder _____ | | | |
| ¹ Specify currency in accordance with specifications in Bid Data Sheet under ITB 18.1 | | | | | | |
| NB – For details of each item, refer to Volume II, Employer's Requirements, Technical Specifications & Drawings | | | | | | |
| SCHEDULE NO. 3 - DESIGN SERVICES | | | | | | |
| The design costs should include Survey (including picking distance of the solar plant from the existing KPLC grid), premises picking, customer sensitization, customer data collection and detailed design including design proposals/information updating on the KPLC Facility Data Base (FDB), preparation and submission of drawings. The civil and structural works design shall include Geotechnical Survey, Topographical Survey, hydrogeological survey and all Designs and drawings submission and all statutory approvals. | | | | | | |
| Item | Description | Unit | Qty. (Sites) | Unit Price ¹ | | Total Price ¹ |
| | | | | Local Currency Portion | Foreign Currency Portion | |

| | | | (1) | (2) | (Optional) | (1) X (2) |
|---|--|-----|---------------------------|-----|------------|-----------|
| Lot 6-301 | 1500Wp Stand Alone Solar System: Survey and Design of Stand Alone Solar Generation Plant (Including SPV Modules&Mounting structures, Inverters, Charge Controllers, Battery Energy Storage System including Battery Management System & Battery racking structures, cable sizing); Connection to customer; Civil/structural&associated works and all other Stand Alone Solar System items. | Lot | 27 | | | |
| Lot 6-302 | 2000Wp Stand Alone Solar System: Survey and Design of Stand Alone Solar Generation Plant (Including SPV Modules&Mounting structures, Inverters, Charge Controllers, Battery Energy Storage System including Battery Management System & Battery racking structures, cable sizing); Connection to customer; Civil/structural&associated works and all other Stand Alone Solar System items. | Lot | 12 | | | |
| Lot 6-303 | 2400Wp Stand Alone Solar System: Survey and Design of Stand Alone Solar Generation Plant (Including SPV Modules&Mounting structures, Inverters, Charge Controllers, Battery Energy Storage System including Battery Management System & Battery racking structures, cable sizing); Connection to customer; Civil/structural&associated works and all other Stand Alone Solar System items. | Lot | 5 | | | |
| Lot 6-304 | 4000Wp Stand Alone Solar System: Survey and Design of Stand Alone Solar Generation Plant (Including SPV Modules&Mounting structures, Inverters, Charge Controllers, Battery Energy Storage System including Battery Management System & Battery racking structures, cable sizing); Connection to customer; Civil/structural&associated works and all other Stand Alone Solar System items. | Lot | 1 | | | |
| Lot 6-305 | 16000Wp Stand Alone Solar System: Survey and Design of Stand Alone Solar Generation Plant (Including SPV Modules&Mounting structures, Inverters, Charge Controllers, Battery Energy Storage System including Battery Management System & Battery racking structures, cable sizing); Connection to customer; Civil/structural&associated works and all other Stand Alone Solar System items. | Lot | 1 | | | |
| TOTAL (To Schedule No. 7. Grand Summary) | | | | | | |
| | | | Name of Bidder _____ | | | |
| | | | Signature of Bidder _____ | | | |
| ¹ Specify currency in accordance with ITB 18. Create and use as many columns for Unit Price and Total Price as there are currencies. NB – For details of each item, refer to Volume II, Employer's Requirements, Technical Specifications & Drawings | | | | | | |

| SCHEDULE NO. 4 - INSTALLATION, COMMISSIONING, AND OTHER SERVICES | | | | | | | |
|---|--|------|-----------------|--------------------------------|------------------------------|--------------------------|-----------|
| Item | Description | Unit | Qty. (Sites) | Unit Price ¹ | | Total Price ¹ | |
| | | | | Foreign Currency Portion | Local Currency Portion | Foreign | Local |
| | | | | (1) | (2) | (3) | (1) X (2) |
| Solar Power Generation Plant (SPGP) | | | | | | | |
| Lot 6-401 | 1500Wp SPGP System: Installation, Erection, Testing and Commissioning of complete SPGP System (including SPV Modules, Battery Energy Storage System, Inverters, solar energy export meter, all required earthing and all balance of system components.) | Lot | 27 | | | | |
| Lot 6-402 | 2000Wp SPGP System: Installation, Erection, Testing and Commissioning of complete SPGP System (including SPV Modules, Battery Energy Storage System, Inverters, solar energy export meter, | Lot | 12 | | | | |

| | | | | | | | |
|--|--|-----|----|--|--|--|--|
| | all required earthing and all balance of system components.) | | | | | | |
| Lot 6-403 | 2400Wp SPGP System: Installation, Erection, Testing and Commissioning of complete SPGP System (including SPV Modules, Battery Energy Storage System, Inverters, solar energy export meter, all required earthing and all balance of system components.) | Lot | 5 | | | | |
| Lot 6-404 | 4000Wp SPGP System: Installation, Erection, Testing and Commissioning of complete SPGP System (including SPV Modules, Battery Energy Storage System, Inverters, solar energy export meter, all required earthing and all balance of system components.) | Lot | 1 | | | | |
| Lot 6-405 | 16000Wp SPGP System: Installation, Erection, Testing and Commissioning of complete SPGP System (including SPV Modules, Battery Energy Storage System, Inverters, solar energy export meter, all required earthing and all balance of system components.) | Lot | 1 | | | | |
| Sub-total Solar Power Generation Plant (SPGP) | | | | | | | |
| Service Cable/Internal Wiring | | | | | | | |
| Lot 6-406 | Service cable installation complete with terminations on both the meter Box and Customer Distribution board, installation of Meter box, Prepaid meter for customer, MCB and Earthing at customer side. | Lot | 46 | | | | |
| Lot 6-407 | EPRA Wiring Certification | No. | 46 | | | | |
| Lot 6-408 | Internal wiring for the main building of the community facility with a minimum of Fuse cutout, 63A Distribution Board, 5 lighting points, 2 sockets and suitable earth | Lot | 46 | | | | |
| Sub-total Service Cable/Internal Wiring | | | | | | | |
| Civil works | | | | | | | |
| 1500Wp SPGP System: | | | | | | | |
| Lot 6-409 | All site work, clearing, digging, trenching, grading, access roads, etc. to prepare the site for construction activities including labor for delivering, unloading, installation, commissioning, and initial operation of the system; Solar panel mounting structures concrete foundations; Solar panel galvanised steel support structures; Outdoor Buried Cable ducts and Indoor cable racks and trays | Lot | 27 | | | | |
| Lot 6-410 | Establishment of a suitable, well ventilated housing enclosure for SPGP equipment complete with Fire Protection System-fire extinguishers, fire detection systems and suitable fire suppression system for Lithium-ion batteries. | Lot | 27 | | | | |
| Lot 6-411 | Chain-link fencing of the whole SPGP demarcated area | Lot | 27 | | | | |
| 2000Wp SPGP System: | | | | | | | |
| Lot 6-412 | All site work, clearing, digging, trenching, grading, access roads, etc. to prepare the site for construction activities including labor for delivering, unloading, installation, commissioning, and initial operation of the system; Solar panel mounting structures concrete foundations; Solar panel galvanised steel support structures; Outdoor Buried Cable ducts and Indoor cable racks and trays | Lot | 12 | | | | |
| Lot 6-413 | Establishment of a suitable, well ventilated housing enclosure for SPGP equipment complete with Fire Protection System-fire extinguishers, fire detection systems and suitable fire suppression system for Lithium-ion batteries. | Lot | 12 | | | | |
| Lot 6-414 | Chain-link fencing of the whole SPGP demarcated area | Lot | 12 | | | | |
| 2400Wp SPGP System: | | | | | | | |
| Lot 6-415 | All site work, clearing, digging, trenching, grading, access roads, etc. to prepare the site for construction activities including labor for delivering, unloading, installation, commissioning, and initial operation of the system; Solar panel mounting structures concrete foundations; Solar panel galvanised steel support structures; Outdoor Buried Cable ducts and Indoor cable racks and trays | Lot | 5 | | | | |

| | | | | | | | |
|---|--|-------------|----|---------------------------|--|--|--|
| Lot 6-416 | Establishment of a suitable, well ventilated housing enclosure for SPGP equipment complete with Fire Protection System-fire extinguishers, fire detection systems and suitable fire suppression system for Lithium-ion batteries. | Lot | 5 | | | | |
| Lot 6-417 | Chain-link fencing of the whole SPGP demarcated area | Lot | 5 | | | | |
| 4000Wp SPGP System: | | | | | | | |
| Lot 6-418 | All site work, clearing, digging, trenching, grading, access roads, etc. to prepare the site for construction activities including labor for delivering, unloading, installation, commissioning, and initial operation of the system; Solar panel mounting structures concrete foundations; Solar panel galvanised steel support structures; Outdoor Buried Cable ducts and Indoor cable racks and trays | Lot | 1 | | | | |
| Lot 6-419 | Establishment of a suitable, well ventilated housing enclosure for SPGP equipment complete with Fire Protection System-fire extinguishers, fire detection systems and suitable fire suppression system for Lithium-ion batteries. | Lot | 1 | | | | |
| Lot 6-420 | Chain-link fencing of the whole SPGP demarcated area | Lot | 1 | | | | |
| 16000Wp SPGP System: | | | | | | | |
| Lot 6-421 | All site work, clearing, digging, trenching, grading, access roads, etc. to prepare the site for construction activities including labor for delivering, unloading, installation, commissioning, and initial operation of the system; Solar panel mounting structures concrete foundations; Solar panel galvanised steel support structures; Outdoor Buried Cable ducts and Indoor cable racks and trays | Lot | 1 | | | | |
| Lot 6-422 | Establishment of a suitable, well ventilated housing enclosure for SPGP equipment complete with Fire Protection System-fire extinguishers, fire detection systems and suitable fire suppression system for Lithium-ion batteries. | Lot | 1 | | | | |
| Lot 6-423 | Chain-link fencing of the whole SPGP demarcated area | Lot | 1 | | | | |
| Sub-total Civil Works | | | | | | | |
| Others | | | | | | | |
| Lot 6-424 | Offices Facilities: Provide site office complete with communication facilities | Mont hs | 12 | | | | |
| Lot 6-425 | Provision of communication facilities for the employer | Lot | 1 | | | | |
| Lot 6-426 | Provision of Transport Services: Provide transport for KPLC Project Implementation Team for Project supervision and coordination of activities (1 No. 4X4 Vehicle) | Mont hs | 12 | | | | |
| Lot 6-427 | Factory Acceptance Tests (FAT) for Major Items: (FAT shall be carried out for each of the major equipment at the manufacturer's premises. All routine tests shall be carried out in the presence of employer's representatives. Contractor shall arrange and meet the full costs of local transport and the cost of inspection and test at the manufacturer's premises. Employer will bear the cost for air travel & accomodations for its representatives) | Lumps um | 1 | | | | |
| Sub-total Others | | | | | | | |
| TOTAL (To Schedule No. 7. Grand Summary) | | | | | | | |
| | | | | Name of Bidder _____ | | | |
| | | | | Signature of Bidder _____ | | | |
| ¹ Specify currency in accordance with ITB 18. Create and use as many columns for Unit Price and Total Price as there are currencies. NB – For details of each item, refer to Volume II, Employer's Requirements, Technical Specifications & Drawings | | | | | | | |

SCHEDULE NO. 5. ENVIRONMENTAL, SOCIAL, HEALTH AND SAFETY (ESHS) SERVICES

| Item | Description | Unit | Qty. (Sites) | Unit Price ¹ | | Total Price ¹ | |
|--|---|------|-----------------|--------------------------------|------------------------------|--------------------------|-----------|
| | | | | Foreign Currency Portion | Local Currency Portion | Foreign | Local |
| | | | | (1) | (2) | (3) | (1) X (2) |
| Dust emission | | | | | | | |
| Lot 6-501 | Sprinkling water on excavated soil when necessary and where water is available to reduce dust | Lot | 46 | | | | |
| Lot 6-502 | Personal Protective equipment to be provided to employees and worn especially mask for dust | Lot | 46 | | | | |
| Worksite Safety, at height, accidents and Health Hazards to employees | | | | | | | |
| Lot 6-503 | Provision of all appropriate PPEs to the contractor's employees | Lot | 46 | | | | |
| Lot 6-504 | Necessary and appropriate warning signs in various points that are risky | Lot | 46 | | | | |
| Lot 6-505 | Provide a general register for adequate reporting of accidents | Lot | 46 | | | | |
| Lot 6-506 | Provision of the first aid kits on site with trained first aiders. | Lot | 46 | | | | |
| Fire hazards and outbreaks | | | | | | | |
| Lot 6-507 | Labelling / signage of all equipment and compartments | Lot | 46 | | | | |
| Lot 6-508 | Adequate and suitable firefighting appliances at all sites to meet any emergency resulting from ignition of a fire - including at the housing enclosure for equipment and at the solar PV modules installation site | Lot | 46 | | | | |
| Traffic management | | | | | | | |
| Lot 6-509 | Traffic marshals where/when required to control traffic and other traffic control requirements as may be necessary in a number of locations e.g. temporary traffic signages. | Lot | 46 | | | | |
| Health concerns | | | | | | | |
| Lot 6-510 | The contractor to provide clean drinking water to members of staff. | Lot | 46 | | | | |
| Lot 6-511 | Provision of adequate and mobile rest rooms to members of staff. | Lot | 46 | | | | |
| Lot 6-512 | Regular sensitization and creation of awareness among the staff on HIV/AIDS and other sexually transmitted diseases | Lot | 46 | | | | |
| Lot 6-513 | Provision of condoms | Lot | 46 | | | | |
| Use of an integrated solid and E-waste management system | | | | | | | |
| Lot 6-514 | Provide facilities for proper handling and storage of construction materials to reduce the amount of waste caused by damage or exposure to the elements | Lot | 46 | | | | |
| Lot 6-515 | Dispose waste more responsibly by contracting a registered NEMA waste handler who will dispose the wastes at designated sites or landfills only | Lot | 46 | | | | |
| Lot 6-516 | Waste collection bins to be provided at designated points | Lot | 46 | | | | |
| Lot 6-517 | Have a contract with the suppliers/certified facility to collect E-waste equipment that is obsolete/which has reached End-Of-Life (EOL) e.g. , batteries, inverters, solar panels etc. for adequate disposal | Lot | 46 | | | | |
| Generation of waste water | | | | | | | |
| Lot 6-518 | Provide means for handling sewage generated at the construction site-use of mobile toilet | Lot | 46 | | | | |
| Social risks | | | | | | | |
| Lot 6-519 | Activities to manage social risks such as stakeholders' engagement, administering grievance mechanism, including response to GBV/SEAH | Lot | 46 | | | | |
| Security | | | | | | | |
| Lot 6-520 | Provide adequate security of project workers and mechanisms of conflict resolution | Lot | 46 | | | | |
| TOTAL (To Schedule No. 7. Grand Summary) | | | | | | | |
| | | | | Name of Bidder _____ | | | |

Signature of Bidder _____

¹Specify currency in accordance with ITB 18. Create and use as many columns for Unit Price and Total Price as there are currencies.
NB – For details of each item, refer to Generic Environmental, Social, Health and Safety Management Plan for proposed stand-alone solar systems for community facilities, contained in Volume I, Bidding Procedures and Conditions of Contract and Contract Forms; and also refer to Volume II, Employer's Requirements, Technical Specifications & Drawings

SCHEDULE NO. 6 - OPERATIONS & MAINTENANCE

| Item | Description | Unit | Qty. | % of O&M Contract Price | Unit Price ¹ | | Total Price ¹ |
|--|---|------|------|-------------------------|-------------------------|-------------------------------------|--------------------------|
| | | | | | Local Currency Portion | Foreign Currency Portion (Optional) | |
| 1) Dide waride dispensary 1500Wp Stand Alone System | | | | | | | |
| Lot 6-6001 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6002 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6003 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6004 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6005 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6006 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6007 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | SUBTOTAL | | |
| 2) Kizuke primary school 1500Wp Stand Alone System | | | | | | | |
| Lot 6-6008 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6009 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6010 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6011 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6012 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6013 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6014 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | SUBTOTAL | | |
| 3) Maisha masha 1500Wp Stand Alone System | | | | | | | |
| Lot 6-6015 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6016 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6017 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6018 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6019 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6020 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6- | Operations and Maintenance of the Stand Alone Solar | Year | 1 | 18 | | | |

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|------------|---|------|---|------|--|-----------------|--|
| 6021 | System for 7th Year | | | | | | |
| | | | | | | SUBTOTAL | |
| | 4) Didewaride primary school 1500Wp Stand Alone System | | | | | | |
| Lot 6-6022 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6023 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6024 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6025 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6026 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6027 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6028 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | | SUBTOTAL | |
| | 5) Pangani Secondary School 1500Wp Stand Alone System | | | | | | |
| Lot 6-6029 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6030 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6031 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6032 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6033 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6034 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6035 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | | SUBTOTAL | |
| | 6) Sinambio dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6036 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6037 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6038 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6039 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6040 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6041 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6042 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | | SUBTOTAL | |
| | 7) Pandanguo primary school 1500Wp Stand Alone System | | | | | | |
| Lot 6-6043 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6044 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6045 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6046 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6047 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6- | Operations and Maintenance of the Stand Alone Solar | Year | 1 | 18 | | | |

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|------------|---|-----------------|---|------|--|--|--|
| 6048 | System for 6th Year | | | | | | |
| Lot 6-6049 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 8) Chafaluma primary school 1500Wp Stand Alone System | | | | | | |
| Lot 6-6050 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6051 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6052 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6053 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6054 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6055 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6056 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 9) Barigoni Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6057 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6058 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6059 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6060 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6061 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6062 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6063 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 10) Basuba Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6064 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6065 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6066 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6067 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6068 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6069 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6070 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 11) Bodhei Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6071 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6072 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6073 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6074 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6- | Operations and Maintenance of the Stand Alone Solar | Year | 1 | 18 | | | |

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|------------|---|------|---|-----------------|--|--|--|
| 6075 | System for 5th Year | | | | | | |
| Lot 6-6076 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6077 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| | 12) Ishakani Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6078 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6079 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6080 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6081 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6082 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6083 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6084 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| | 13) Mangai Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6085 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6086 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6087 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6088 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6089 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6090 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6091 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| | 14) Kurawa Secondary school 1500Wp Stand Alone System | | | | | | |
| Lot 6-6092 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6093 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6094 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6095 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6096 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6097 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6098 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| | 15) Watala Secondary School 1500Wp Stand Alone System | | | | | | |
| Lot 6-6099 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6100 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6101 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6- | Operations and Maintenance of the Stand Alone Solar | Year | 1 | 11.5 | | | |

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| 6102 | System for 4th Year | | | | | | |
| Lot 6-6103 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6104 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6105 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 16) Mwangatini Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6106 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6107 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6108 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6109 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6110 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6111 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6112 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 17) Gandini Assistant Chief's office 1500Wp Stand Alone System | | | | | | |
| Lot 6-6113 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6114 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6115 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6116 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6117 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6118 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6119 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 18) Gandini Primary school 1500Wp Stand Alone System | | | | | | |
| Lot 6-6120 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6121 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6122 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6123 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6124 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6125 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6126 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 19) Viragoni dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6127 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6128 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |

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|------------|---|-----------------|---|------|--|--|--|
| Lot 6-6129 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6130 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6131 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6132 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6133 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 20) Gandini dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6134 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6135 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6136 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6137 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6138 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6139 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6140 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 21) Karimboni dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6141 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6142 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6143 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6144 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6145 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6146 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6147 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 22) Mulunguni dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6148 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6149 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6150 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6151 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6152 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6153 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6154 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 23) Muryachakwe Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6155 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |

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|------------|---|-----------------|---|------|--|--|--|
| Lot 6-6156 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6157 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6158 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6159 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6160 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6161 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 24) Mbegani Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6162 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6163 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6164 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6165 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6166 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6167 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6168 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 25) Chanzou Dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6169 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6170 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6171 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6172 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6173 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6174 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6175 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 26) Mwachinga dispensary 1500Wp Stand Alone System | | | | | | |
| Lot 6-6176 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6177 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6178 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6179 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6180 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6181 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6182 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 27) Gozani dispensary 1500Wp Stand Alone System | | | | | | |

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|------------|---|------|---|------|-----------------|--|--|
| Lot 6-6183 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6184 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6185 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6186 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6187 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6188 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6189 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | SUBTOTAL | | |
| | 28) Basuba 2000Wp Stand Alone System | | | | | | |
| Lot 6-6190 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6191 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6192 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6193 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6194 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6195 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6196 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | SUBTOTAL | | |
| | 29) Ishakani 2000Wp Stand Alone System | | | | | | |
| Lot 6-6197 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6198 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6199 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6200 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6201 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6202 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6203 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | | SUBTOTAL | | |
| | 30) Kiangwi 2000Wp Stand Alone System | | | | | | |
| Lot 6-6204 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6205 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6206 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6207 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6208 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6209 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6210 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |

| | | SUBTOTAL | | | |
|---|---|----------|---|------|--|
| 31) Madani 2000Wp Stand Alone System | | | | | |
| Lot 6-6211 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | |
| Lot 6-6212 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | |
| Lot 6-6213 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | |
| Lot 6-6214 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | |
| Lot 6-6215 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | |
| Lot 6-6216 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | |
| Lot 6-6217 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | |
| | | SUBTOTAL | | | |
| 32) Mangai 2000Wp Stand Alone System | | | | | |
| Lot 6-6218 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | |
| Lot 6-6219 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | |
| Lot 6-6220 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | |
| Lot 6-6221 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | |
| Lot 6-6222 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | |
| Lot 6-6223 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | |
| Lot 6-6224 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | |
| | | SUBTOTAL | | | |
| 33) Marararni 2000Wp Stand Alone System | | | | | |
| Lot 6-6225 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | |
| Lot 6-6226 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | |
| Lot 6-6227 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | |
| Lot 6-6228 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | |
| Lot 6-6229 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | |
| Lot 6-6230 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | |
| Lot 6-6231 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | |
| | | SUBTOTAL | | | |
| 34) Pandanguo Dispensary 2000Wp Stand Alone System | | | | | |
| Lot 6-6232 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | |
| Lot 6-6233 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | |
| Lot 6-6234 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | |
| Lot 6-6235 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | |
| Lot 6-6236 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | |
| Lot 6-6237 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | |

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| Lot 6-6238 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| 35) Kiangwi Dispensary 2000Wp Stand Alone System | | | | | | | |
| Lot 6-6239 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6240 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6241 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6242 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6243 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6244 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6245 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| 36) Local Chief's Office 2000Wp Stand Alone System | | | | | | | |
| Lot 6-6246 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6247 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6248 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6249 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6250 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6251 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6252 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| 37) Waresa Secondary School 2000Wp Stand Alone System | | | | | | | |
| Lot 6-6253 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6254 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6255 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6256 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6257 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6258 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6259 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| 38) Kadaina Dispensary 2000Wp Stand Alone System | | | | | | | |
| Lot 6-6260 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6261 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6262 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6263 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6264 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |

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| Lot 6-6265 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6266 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 39) Mkang'ombe Dispensary 2000Wp Stand Alone System | | | | | | |
| Lot 6-6267 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6268 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6269 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6270 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6271 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6272 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6273 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 40) Maisha Masha secondary 2400Wp Stand Alone System | | | | | | |
| Lot 6-6274 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6275 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6276 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6277 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6278 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6279 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6280 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 41) Majembeni Secondary School 2400Wp Stand Alone System | | | | | | |
| Lot 6-6281 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6282 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6283 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6284 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6285 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6286 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6287 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 42) Chamari dispensary 2400Wp Stand Alone System | | | | | | |
| Lot 6-6288 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6289 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6290 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6- | Operations and Maintenance of the Stand Alone Solar | Year | 1 | 11.5 | | | |

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| 6291 | System for 4th Year | | | | | | |
| Lot 6-6292 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6293 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6294 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 43) Midoina dispensary 2400Wp Stand Alone System | | | | | | |
| Lot 6-6295 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6296 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6297 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6298 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6299 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6300 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6301 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 44) Mbegani secondary 2400Wp Stand Alone System | | | | | | |
| Lot 6-6302 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6303 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6304 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6305 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6306 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6307 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6308 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 45) Motoloani dispensary 4000Wp Stand Alone System | | | | | | |
| Lot 6-6309 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6310 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |
| Lot 6-6311 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6312 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6313 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6314 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6315 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | SUBTOTAL | | | | | |
| | 46) Shujaa Mekatilili Secondary 16000Wp Stand Alone System | | | | | | |
| Lot 6-6316 | Operations and Maintenance of the Stand Alone Solar System for 1st Year | Year | 1 | 11.5 | | | |
| Lot 6-6317 | Operations and Maintenance of the Stand Alone Solar System for 2nd Year | Year | 1 | 11.5 | | | |

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| Lot 6-6318 | Operations and Maintenance of the Stand Alone Solar System for 3rd Year | Year | 1 | 11.5 | | | |
| Lot 6-6319 | Operations and Maintenance of the Stand Alone Solar System for 4th Year | Year | 1 | 11.5 | | | |
| Lot 6-6320 | Operations and Maintenance of the Stand Alone Solar System for 5th Year | Year | 1 | 18 | | | |
| Lot 6-6321 | Operations and Maintenance of the Stand Alone Solar System for 6th Year | Year | 1 | 18 | | | |
| Lot 6-6322 | Operations and Maintenance of the Stand Alone Solar System for 7th Year | Year | 1 | 18 | | | |
| | | | | SUBTOTAL | | | |
| TOTAL (To Schedule No. 7 Grand Summary) | | | | | | | |
| | | | | Name of Bidder _____ | | | |
| | | | | Signature of Bidder _____ | | | |
| ¹ Specify currency in accordance with ITB 18. Create and use as many columns for Unit Price and Total Price as there are currencies. NB – For details of Operations & Maintenance, refer to Bidding Documents Volume I (Bidding Procedures and Conditions of Contract and Contract Forms) and Volume II (Employer's Requirements, Technical Specifications & Drawings). | | | | | | | |

| SCHEDULE NO. 7 - GRAND SUMMARY | | | |
|--|---|---------------------------|-------|
| Item | Description | Total Price ¹ | |
| | | Foreign | Local |
| Phase 1 - Supply and Installation | | | |
| 1 | Total Price of Schedule No 1 : Plant and Mandatory Spare Parts Supplied from Abroad | | |
| 2 | Total Price of Schedule No 2 : Plant and Mandatory Spare Parts from Within the Employer's Country | | |
| 3 | Total Price of Schedule No 3 : Design Services | | |
| 4 | Total Price of Schedule No 4 : Installation, Commissioning, and Other Services | | |
| 5 | Total Price of Schedule No 5 : Environmental, Social, Health and Safety (ESHS) Services | | |
| Sub-total Phase 1 - Supply and Installation | | | |
| Phase 2 - Operations and Maintenance | | | |
| 6 | Total Price of Schedule No 6 : Operations & Maintenance | | |
| Sub-total Phase 2 - Operations and Maintenance | | | |
| TOTAL (to Letter of Bid) | | | |
| | | Name of Bidder _____ | |
| | | Signature of Bidder _____ | |
| ¹ Specify currency in accordance with ITB 18. Create and use as many columns for Foreign Currency requirement as there are foreign currencies | | | |

| SCHEDULE NO. 8 - RECOMMENDED SPARE PARTS (NOT TO BE CONSIDERED FOR EVALUATION, BUT ONLY FOR INFORMATION) | | | | | | |
|---|-------------|------|-----------------|--------------------------------------|-----------------------------|--|
| Item | Description | Unit | Qty. (1) | Unit Price ¹ | | Total Price ¹ (1) x (2) or (3) |
| | | | | CIF or CIP <i>(foreign parts)</i> | EXW <i>(local parts)</i> | |
| | | | | (2) | (3) | |
| | | | | | | |

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| | | Name of Bidder _____ | | | | | |
| | | Signature of Bidder _____ | | | | | |
| ¹Specify currency. Create and use as many columns for Unit Price and Total Price as there are currencies. | | | | | | | |

| SCHEDULE NO. 9 - ROOF MOUNTED STRUCTURE (Not be considered for evaluation, but only for information) | | | | | | | |
|--|---|---------------------------|------|------|-------------------------|-------------------|--------------------------|
| Item | Description | Code ¹ | Unit | Qty. | Unit Price ² | | Total Price ² |
| | | | | | CIP (foreign parts) | EXW (local parts) | |
| | | | | (1) | (2) | (3) | (1) x (2) or (3) |
| 1 | Roof mounted fixed-tilt racking structure(s) including all necessary nuts and bolts as well as necessary clamps, anchorage bolts etc, for PV modules capacity of 1500Wp | | Lot | 1 | | | |
| | | Name of Bidder _____ | | | | | |
| | | Signature of Bidder _____ | | | | | |
| ¹ Bidders shall enter a code representing the country of origin of all imported plant and equipment. | | | | | | | |
| ² Specify currency. Create and use as many columns for Unit Price and Total Price as there are currencies. | | | | | | | |
| NB – The total cost of this schedule forms prime cost sums and shall not be part of the contract price | | | | | | | |
| NB – For details of each item, refer to Employer’s Requirements, Technical Specifications & Drawings (Bidding Document Volume II) | | | | | | | |

Yours faithfully,
For: THE KENYA POWER & LIGHTING COMPANY PLC



Dr. JOHN NGENO, OGW
GENERAL MANAGER, SUPPLY CHAIN & LOGISTICS