

Request for Quotation for Providing and Installation of 10 KW Solar Power System For 22 LLCs in 20 Provinces of Afghanistan

(RFQ 352)

Social Development and Research Organization for Afghans (SDROA) is a non- governmental Afghan organization. SDROA is the implementing partner for the U.S. Embassy for Lincoln Learning Centers (LLCs) across Afghanistan. The LLCs are a joint venture program between the U.S. Embassy Kabul and Government of Afghanistan host institutions in the provinces.

SDROA is seeking bids from qualified companies for the providing and installation of 10 KW solar power system for 22 Learning Centers in 20 provinces of Afghanistan. The qualified company will provide and install the best quality Goods to the (Kabul 3 Locations, Panjshir, Logar, Khost, Paktia, Paktika, Ghazni, Kandahar, Herat, Qala-I Naw, Parwan, Mazar, Shinerghan, Maimana, Jalalabad, Laghman, Lashkargah 2 locations and Assadabad 2 Locations in mentioned Lincoln Learning Centers (the “Goods”) as per the agreed specification the items will be supplied and Installed to the SDROA provincial and central offices.

Below is the detailed Bill of Quantities (BoQ) and specifications of the requirement Solar power System with set up and installation in one location and you can quoted for the rest or above all locations separately:

Table1: Item cost for the (LLC Kabul University)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 2: Item cost for the (LLC Ustad Rabbani Education University)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 3: Item cost for the (SDROA HQ)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 4: Item cost for the (LLC Panjshir)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 5: Item cost for the (LLC Logar)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 6: Item cost for the (LLC Khost)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 7: Item cost for the (LLC Paktia)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 8: Item cost for the (LLC Sharana Paktika)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 9: Item cost for the (LLC Ghazni)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 10: Item cost for the (LLC Kandahar)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 11: Item cost for the (LLC Herat)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 12: Item cost for the (LLC Qala-I Naw)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 13: Item cost for the (LLC Parwan)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 14: Item cost for the (LLC Mazar)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 15: Item cost for the (LLC Shiberghan)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 16: Item cost for the (LLC Maimana)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 17: Item cost for the (LLC Jalalabad)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 18: Item cost for the (LLC Laghman)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 19: Item cost for the (LLC Lashkargah Male)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 20: Item cost for the (LLC Lashkargah Female)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 21: Item cost for the (LLC Assadabad Male)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Table 22: Item cost for the (LLC Assadabad Female)

| No | Description | Quantity | Unit Price (USD) | Total Price (USD) |
|----|--|----------|------------------|-------------------|
| 1 | 330W Solar Panel Multi Crystalline 72 cells Best Quality IEC certified 25 years output power warranty | 40 | | |
| 2 | 5KW 48V MPPT 80Am Solar hybrid Inverter or MKS Off-Grid 5KW Pure Sine Wave Inverter (48V) with Built-in MPPT 80Ah Charge Controller 1 year warranty Parallel operation up to 9 units | 2 | | |
| 3 | Battery 220Ah (12V) 2 years warranty 10 years life time | 6 | | |
| 4 | Solar Stand for 40 pcs of 330W panels | 2 Set | | |
| 5 | Battery Rack for 12 pcs of batteries with 2mm thickness | 1 Set | | |
| 6 | Installation of the panels and wiring system from the panels to the inveter and other accessories with best quality wire | LS | | |
| 7 | Transportation | LS | | |
| | Total | | | |

Offers to be submitted on or before 16:00 (Kabul Time), Aug 26, 2020 electronically to:

apply@sdroaf.org

The offers must be stated in English and must be valid for a minimum of 60 days.

In course of preparing your offers, it shall remain your responsibility to ensure that it reaches the address above on or before the deadline. Offers that are received after the deadline shall be rejected by the system and will not be considered for evaluation. Kindly ensure that offers are signed and stamped in a PDF format and free of any virus or corrupted files.

Required Documents along with the offers:

1. Company Profile
2. Valid Registration License
3. Company Bank Account
4. Track Record – List of clients and attach copies of contracts for similar services

Please make sure you receive a confirmation receipt email.

Thank you and we look forward to receiving your offers.