



REQUEST FOR QUOTATION FOR LOW-VALUE GOODS

DATE: 29/03/2021

SUBJECT: Request for Quotation for Supply and Installation of Solar Energy Equipment to Karakalpakstan.

REF: RFQ/020/21

DEADLINE: 12/ 04 /2021

PAGES:

Dear Sirs,

We kindly request that you provide a quotation for the goods described below.

LOT 1: 3 KW PHOTOVOLTAIC POWER STATION					
ITEM #	ITEM DESCRIPTION	UOM	Q-TY	PRICE IN [CURRENCY] (EXCLUSIVE OF VAT)	
				Unit Price	Total Price
1	3 kW photovoltaic power station Technical specification / Set: Power of solar panels: 3 kW; controller; Charger. Inverter (48 V DC/AC)- 1 pc; Rated input voltage: V - 48; Output power: kW – not less than 3.5; Waveform: Sine wave; Output voltage adjustment: V - 230 ±5%; Output Frequency: 50-60 Hz; Inverter Efficiency (Peak): 90%; Overcharge Protection: 5 sec @ ≥150% charge, 10 sec @ 110 ~ 150% charge; Buffer Voltage: V-29; Cutoff voltage: V-31; No-load power consumption: W - <25; Power consumption in energy saving mode: W - <10; Solar Charge Controller: Voltage: V-12/24; The maximum input current: A-30; The maximum load current: A-30; Maximum Self Consumption: 12mA Charge recovery voltage: V – 14.4/28.8 Voltage support: V - 13.9/27.8 (for Sealed Rechargeable Battery)-14.1/28.2B	Set	1		

	<p>(for Rechargeable Battery with liquid electrolyte).</p> <p>Equalizing charge: V - (for Rechargeable Battery with liquid electrolyte)-14.7/29.4.</p> <p>Undervoltage load shedding: V - (SOC>50%)-12.6/25.2.</p> <p>Load reconnect voltage: V - (SOC>50%)-12.6/25.2.</p> <p>Operating temperature range: C - -10 ... + 50 °.</p> <p>Terminal size - 16 / 25mm * 2.</p> <p>Protection class - IP22.</p> <p>Rechargeable batteries (8 pc);</p> <p>Battery Type: Sealed Lead Acid Battery GEL-TYPE;</p> <p>Rated voltage: V-12;</p> <p>Capacity: 200Ah@10hr- 10.5V @25°C;</p> <p>Charging voltage: V-14,2;</p> <p>Float voltage: V-13,5;</p> <p>The number of cycles of complete discharge to a loss of 50% of the original capacity: 1100;</p> <p>Operating temperature range: from - 25°C to 45°C;</p> <p>Case material: acrylonitrile butadiene styrene (abs) plastic;</p> <p>Metallic box – 1 pc.</p> <p>Type: Metallic.</p> <p>Protection class: IP20;</p> <p>Application: For storing batteries and power supplies.</p> <p>Consumables – 1 set:</p> <p>Electrical T connectors for the provision of Solar Panels;</p> <p>Battery terminals and wires for the terminals;</p> <p>Metallic construction for installation of the Solar Panels on the roof;</p> <p>Reinforced concrete construction;</p>				
Total Prices 1 set:					
Transportation costs for Lot 1: "Kabakly Ata" Karauzyak District, Karakalpakstan					
Cost of Installation on Turnkey basis / commissioning, Packing, Insurance, Training for Lot 1:					
Other charges (please specify):					
Total All-Inclusive price for Lot 1 without VAT:					
VAT (if applicable for Local Vendor)					
Total All-Inclusive Bid Price for Lot 1 with VAT:					

LOT 2: PHOTOVOLTAIC POWER STATION ACCESSORIES					
ITEM #	ITEM DESCRIPTION	UOM	Q-TY	PRICE IN [CURRENCY] (EXCLUSIVE OF VAT)	
				Unit Price	Total Price
1	Inverter (24 V DC / AC); Rated input voltage: V - 24; Output power: kW - 2.4; Waveform: Sine wave; Output voltage adjustment: V - 230 \pm 5%; Output Frequency: 50-60 Hz; Inverter Efficiency (Peak): 90%; Overcharge Protection: 5 sec @ \geq 150% charge, 10 sec @ 110 ~ 150% charge; Buffer Voltage: V-29; Cutoff voltage: V-31; No-load power consumption: W - <25; Power consumption in energy saving mode: W - <10;	Pcs.	4		
2	Rechargeable batteries; Battery Type: Sealed Lead Acid Battery GEL-TYPE;; Rated voltage: V-12; Capacity: 100Ah@10hr- 10.5V @25°C; Charging voltage: V-14,2; Float voltage: V-13,5; The number of cycles of complete discharge to a loss of 50% of the original capacity: 1100; Operating temperature range: from -25°C to 45°C; Case material: acrylonitrile butadiene styrene (abs) plastic;	Pcs.	8		
Total Prices 1 set:					
Transportation costs for Lot 2: as per Table #1 in Annex #1					
Cost of Installation on Turnkey basis / commissioning, Packing, Insurance, Training for Lot 2:					
Other charges (please specify):					
Total All-Inclusive price for Lot 2 without VAT:					
VAT (if applicable for Local Vendor)					
Total All-Inclusive Bid Price for Lot 2 with VAT:					

Notes:

1. The bidders must quote genuine, branded products. UNDP may conduct post-delivery inspection at its sole discretions.
2. Sample of all items to be submitted with the bid response (as applicable).
3. Price to include delivery, installation on Turnkey basis / testing/ commissioning / Training (as applicable)
4. Site survey will be arranged on request (as applicable)

5. Brochures and Technical details of the model offered MUST be submitted with the bid offer (as applicable)

The UNDP General Terms and Conditions are an integral part of this RFQ and should be reviewed by all bidders.

<http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html>.

In submitting a quotation, bidders expressly accept to be bound by these General Terms and Conditions.

Any Purchase Order resulting from this process shall incorporate them in full.

Please submit your quotation by completing the right column of the form below:

UNDP Requirements [to be filled out by Buyer]	Bidder's Response
Validity of Offer: <input checked="" type="checkbox"/> 60 days In exceptional circumstances, UNDP may request the Offeror to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. In such case the extension shall be confirmed in writing, without any modification whatsoever of the Quotation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Warranty Period Offered (as applicable): <input checked="" type="checkbox"/> Minimum 12 consecutive months.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Description of Warranty Coverage (as applicable): <input checked="" type="checkbox"/> Warranty on Goods and spare parts for a minimum period of 12 consecutive months; <input checked="" type="checkbox"/> Technical Support; <input checked="" type="checkbox"/> Elimination of inconsistencies and malfunctions during the warranty period, including delivery and replacement; replacement with completely new item if the delivered one does not comply with the Specification or cannot be repaired.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Description of After Sales Service (as applicable): <input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of 12 consecutive months <input checked="" type="checkbox"/> Technical Support <input checked="" type="checkbox"/> Provision of Service Unit when pulled out for maintenance/repair	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Delivery Terms (linked to INCOTERMS 2020): <input checked="" type="checkbox"/> DDP Karakalpakstan, Uzbekistan for earlier imported goods or local products. <input checked="" type="checkbox"/> DAP Karakalpakstan, Uzbekistan for international suppliers registered outside of Uzbekistan. Customs clearance ¹ , if needed, shall be done by UNDP for Foreign Suppliers (Company registered outside Uzbekistan)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Payment Terms: To Local Supplier (Company registered in Uzbekistan):	<input type="checkbox"/> Yes

¹ Must be linked to INCOTERMS chosen.

<input checked="" type="checkbox"/> To be paid in Uzbek Soums (UZS): 100% payment will be paid in Uzbek Sums (UZS) by bank transfer to the Supplier's account within 30 business days after delivery and acceptance of goods by UNDP.	<input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
<u>To Foreign Suppliers (Company registered outside Uzbekistan):</u> <input checked="" type="checkbox"/> To be paid in US Dollars (USD): 100% payment will be by bank transfer to the Supplier's account within 30 business days after delivery and acceptance of goods by UNDP;	
Value Added Tax on Price Quotation: <input checked="" type="checkbox"/> Must be inclusive of VAT for local companies registered in Uzbekistan (if registered as VAT payer); <input checked="" type="checkbox"/> Must be exclusive of VAT for foreign companies registered outside of Uzbekistan	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Latest Expected Delivery Date and Time: 80 calendar days from the issuance of the Purchase Order (PO) Important: if the proposed delivery time in the offer exceeds the above set deadline, such offer may be rejected.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
All documentations, including catalogs, instructions and operating manuals, shall be in: <input checked="" type="checkbox"/> English <input checked="" type="checkbox"/> Russian	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Please explain in case of "No": _____
Liquidated Damages: <input checked="" type="checkbox"/> Will be imposed under the following conditions: Percentage of contract price per day of delay: 0,1% Max. no. of days of delay: 20 calendar days After which UNDP may terminate the contract.	<input type="checkbox"/> Accept <input type="checkbox"/> Does not accept <input type="checkbox"/> Please explain in case of "Does not accept": _____
Please confirm that your company is not included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List;	<input type="checkbox"/> Not listed <input type="checkbox"/> Listed <input type="checkbox"/> Please explain in case of "Listed": _____
Please confirm that you accept the UN Supplier Code of Conduct, available at https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct	<input type="checkbox"/> Accept <input type="checkbox"/> Does not accept <input type="checkbox"/> Please explain in case of "Does not accept": _____

Bidder's Declaration

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Requirements and Terms and Conditions: I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Ethics: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct : https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	Conflict of interest: I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	Prohibitions, Sanctions: I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Technical compliance of the offered goods:

Description / Specifications of Goods (required by UNDP)		Description / Specifications of Goods (offered by Supplier) ² <i>Please indicate parameters of the offered goods</i> Lot 1 <i>Please indicate for the offered goods:</i> <i>Model:</i> _____ <i>Manufacturer:</i> _____ <i>Country of origin:</i> _____ Lot 2 <i>Please indicate for the offered goods:</i> <i>Model:</i> _____ <i>Manufacturer:</i> _____ <i>Country of origin:</i> _____	
LOT 1: 3 KW PHOTOVOLTAIC POWER STATION			
Power of solar panels:	3 kW	Power of solar panels:	
Set must include:	controller; Charger.	Set must include:	
Inverter (48 V DC/AC):		Inverter (48 V DC/AC):	
Amount:	1 pc.	Amount:	
Rated input voltage, V:	48;	Rated input voltage, V:	
Output power: kW	not less than – 3.5;	Output power: kW	
Waveform:	Sine wave;	Waveform:	
Output voltage adjustment, V:	230 ±5%;	Output voltage adjustment, V:	
Output Frequency, Hz:	50-60;	Output Frequency, Hz:	
Inverter Efficiency (Peak), %:	90;	Inverter Efficiency (Peak), %:	
Overcharge Protection:	5 sec @ ≥150% charge, 10 sec @ 110 ~ 150% charge;	Overcharge Protection:	
Buffer Voltage, V:	29;	Buffer Voltage, V:	
Cutoff voltage, V:	31;	Cutoff voltage, V:	
No-load power consumption, W:	<25;	No-load power consumption, W:	
Power consumption in energy saving mode, W:	- <10;	Power consumption in energy saving mode, W:	
Solar Charge Controller:		Solar Charge Controller:	

² Please provide description of offered product, model and brand name, that must meet minimum technical specifications provided in Annex 1 above

Voltage, V:	12/24;	Voltage, V:	
The maximum input current:	30A;	The maximum input current:	
The maximum load current:	30A;	The maximum load current:	
Maximum Self Consumption:	12mA;	Maximum Self Consumption:	
Charge recovery voltage, V:	14.4/28.8;	Charge recovery voltage, V:	
Voltage support, V:	13.9/27.8 (for Sealed Rechargeable Battery)- 14.1/28.2B (for Rechargeable Battery with liquid electrolyte).	Voltage support, V:	
Equalizing charge, V - (for Rechargeable Battery with liquid electrolyte):	14.7/29.4;	Equalizing charge, V - (for Rechargeable Battery with liquid electrolyte):	
Undervoltage load shedding, V:	(SOC>50%)-12.6/25.2;	Undervoltage load shedding, V:	
Load reconnect voltage, V:	(SOC>50%)-12.6/25.2.	Load reconnect voltage, V:	
Operating temperature range, C:	-10 ... + 50 °.	Operating temperature range, C:	
Terminal size:	16 / 25mm * 2.	Terminal size:	
Protection class:	IP22;	Protection class:	
Rechargeable batteries:		Rechargeable batteries:	
Amount:	8 pcs.	Amount:	
Battery Type:	Sealed Lead Acid Battery GEL-TYPE;	Battery Type:	
Rated voltage, V:	12;	Rated voltage, V:	
Capacity:	200Ah@10hr- 10.5V @25°C;	Capacity:	
Charging voltage, V;	14.2;	Charging voltage, V;	
Float voltage, V:	13.5;	Float voltage, V:	
The number of cycles of complete discharge to a loss of 50% of the original capacity:	1100;	The number of cycles of complete discharge to a loss of 50% of the original capacity:	
Operating temperature range: from:	-25°C до 45°C;	Operating temperature range: from:	

Case material:	acrylonitrile butadiene styrene (abs) plastic;	Case material:	
Metallic box		Metallic box	
Amount:	1 pc.	Amount:	
Type:	Metallic	Type:	
Protection class:	IP20	Protection class:	
Application: supplies.	For storing batteries and power	Application: supplies.	
Consumables		Consumables	
Electrical T connectors for the provision of Solar Panels; Battery terminals and wires for the terminals; Metallic construction for installation of the Solar Panels on the roof; Reinforced concrete construction;	1 set	Electrical T connectors for the provision of Solar Panels; Battery terminals and wires for the terminals; Metallic construction for installation of the Solar Panels on the roof; Reinforced concrete construction;	
LOT 2. PHOTOVOLTAIC POWER STATION ACCESSORIES			
Inverter (24 V DC / AC):		Inverter (24 V DC / AC):	
Amount:	4 pcs.	Amount:	
Rated input voltage, V:	24;	Rated input voltage, V:	
Output power: kW	not less than – 2.4;	Output power: kW	
Waveform:	Sine wave;	Waveform:	
Output voltage adjustment, V:	230 ±5%;	Output voltage adjustment, V:	
Output Frequency, Hz:	50-60;	Output Frequency, Hz:	
Inverter Efficiency (Peak), %:	90;	Inverter Efficiency (Peak), %:	
Overcharge Protection:	5 sec @ ≥150% charge, 10 sec @ 110 ~ 150% charge;	Overcharge Protection:	
Buffer Voltage, V:	29;	Buffer Voltage, V:	
Cutoff voltage, V:	31;	Cutoff voltage, V:	
No-load power consumption, W:	<25;	No-load power consumption, W:	
Power consumption in	- <10;	Power consumption in	

energy saving mode, W:		energy saving mode, W:	
Rechargeable batteries;		Rechargeable batteries;	
Amount:	8 pcs.	Amount:	
Battery Type:	Sealed Lead Acid Battery GEL-TYPE;	Battery Type:	
Rated voltage, V:	12;	Rated voltage, V:	
Capacity:	100Ah@10hr- 10.5V @25°C;	Capacity:	
Charging voltage, V;	14.2;	Charging voltage, V;	
Float voltage, V:	13.5;	Float voltage, V:	
The number of cycles of complete discharge to a loss of 50% of the original capacity:	1100;	The number of cycles of complete discharge to a loss of 50% of the original capacity:	
Operating temperature range: from:	-25°C до 45°C;	Operating temperature range: from:	
Case material:	acrylonitrile butadiene styrene (abs) plastic;	Case material:	

We request your duly signed and sealed price quotation in a company letterhead and additional details as outlined, latest by **18:00 Tashkent time (GMT +5)** on or before **12 April 2021**r.

You may deliver physically in a sealed envelope to the United Nations Building, 4, Taras Shevchenko street, Tashkent 100029, Uzbekistan.

Alternatively, you may submit it electronically in .pdf format to bids.uz@undp.org³. Quotation submitted by e-mail must be limited to a maximum size of 5 MB, virus-free and consist of no more than 3 email transmissions. Otherwise, such quotations will be rejected.

Your bid should contain the following reference either on the envelope or email subject:

Request for Quotation for Supply and Installation of Solar Energy Equipment to Karakalpakstan.

RFQ/020/21 - Supply and Installation of Solar Energy Equipment to Karakalpakstan.⁴

Please follow these instructions and be mindful of deadlines. Bids submitted through other means or to other addresses will not be accepted.

UNDP will consider an award to the quotation which complies with all requirements in full and offers the lowest price. UNDP reserves the right to conduct post qualification exercise by requesting additional documents/clarifications/information if deemed necessary.

³ Quotations submitted to other e-mail addresses will not be accepted and will be rejected.

⁴ Quotations that do not contain the specified subject or reference to the tender number in the subject line of e-mail message or on the envelope will not be opened and will be rejected.

Any offer that does not meet requirements shall be rejected. UNDP is under no obligation to accept any bid.

Any request for additional information or queries must be sent/addressed to Procurement Unit three business days prior to the deadline in writing to pu.uz@undp.org.

Yours Sincerely,

Procurement Unit

Table 1. Exact delivery addresses Lot 2:

№	Delivery address	Inverter (24 V DC / AC);	Rechargeable batteries;
1	Kungrad district, Republic of Karakalpakstan	2 pc.	4 pcs.
3	Muynak district, Republic of Karakalpakstan	1 pc.	2 pcs.
4	Nukus city, Republic of Karakalpakstan	1 pc.	2 pcs.