



REQUEST FOR QUOTATION NO. RFQ23/02743:

Procurement of technical equipment necessary for training for educational institutions that train specialists in the energy field.

SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP through the **FPI Programme on "Addressing the impacts of the energy crisis in the Republic of Moldova: Initiating solutions toward energy security and energy poverty"** aims to purchase technical equipment necessary for the process of continuous training of specialists in the energy field for 3 educational institutions with energy profile as detailed in line items section of this **Request for Quotation no. RFQ23/02743**.

This Request for Quotation comprises the following documents:

Section 1: This RFQ document generated by the online system

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: Technical Responsiveness Table

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted directly in the system responding to the questions and uploading required documents by the date and time indicated in the online portal. It is your responsibility to ensure that your quotation is submitted before the deadline. Quotations received after the submission deadline outside the online portal, for whatever reason, will not be considered for evaluation.

Quotations must be submitted directly in Quantum NextGenERP supplier portal following the link: <http://supplier.quantum.partneragencies.org> using the profile you may have in the portal (please log in using your username and password).

Follow the instructions in the user guide to search for the tender using search filters, namely **Negotiation ID: UNDP-MDA-00274** and subscribe to the tender in order to get notifications in case of amendments of the tender document and requirements.

In case you have never registered before, follow this link to register a profile: <https://estm.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000127714247>

Please note that the access link to the Supplier registered profile is sent from Oracle within up to 3 days. In case you have not received the access link after 3 days since registration, you should address for support to UNDP at the email address: sc.md@undp.org. In case you encounter errors with registration (e.g. system states Supplier already is registered), you should address for support to UNDP at the email address: sc.md@undp.org.

Computer firewall could block *oracle* or *undp.org* extension and Suppliers might not receive the Oracle notifications. Please turn down any firewalls on your computers to ensure receipt of email notification.

Do not create a new profile if you already have one. Use the forgotten password feature in case you do not remember the password or the username from previous registration.

Should you require further clarifications on the application through the Quantum online portal, kindly contact the Procurement Unit at sc.md@undp.org. Please pay attention that the bid shall be submitted online through the Quantum system and any bid sent to the above email shall be disqualified.

Should you require further clarifications on the Request for Quotation, Terms of Reference or other requirements, kindly communicate using the messaging functionality in the portal.

Deadline for Submission of Offers (Date and Time), which is visible in the online procurement system will be final. System will not accept submission of any bid after that date and time. It is the responsibility of the bidder to make sure that the bid is submitted prior to this deadline for submission.

Bidders are advised to upload bid documents and to submit their offer a day prior or well before the date and time indicated under the deadline for submission of Offers. Do not wait until last minute. If Bidder faces any issue during submitting offers at the last minutes prior to the deadline for submission, UNDP may not be able to assist on such a short notice and will not be held liable in such instance. UNDP will not accept any offer that is not submitted directly through the System.

Thank you and we look forward to receiving your quotation.

UNDP Moldova

SECTION 2: GENERAL INSTRUCTIONS

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or cancellation of the tender in the online portal.</p>
Deadline for the Submission of Quotation	<p>Deadline is indicated in the online portal.</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p>
Method of Submission	<p>Quotations must be submitted as follows:</p> <p>NextGenERP supplier portal following this link: http://supplier.nextgenerp.partneragencies.org/ using the profile you may have in the portal.</p> <p>Follow the instructions in the user guide to search for the tender using Negotiation ID. In case you have never registered before, follow this link to register a profile:</p> <p>https://estm.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000127715297&_af.adf.ctrl-state=8godmwdd9_239&_af.afrLoop=7321111756612874&_af.afrWindowMode=0&_af.afrWindowId=null&_af.afrFS=16&_af.afrMT=screen&_af.afrMFW=1920&_af.afrMFH=880&_af.afrMFDW=1920&_af.afrMFDH=1080&_af.afrMFC=8&_af.afrMFCI=0&_af.afrMFM=0&_af.afrMFR=96&_af.afrMFG=0&_af.afrMFS=0&_af.afrMFO=0</p> <p>Do not create a new profile if you already have one. Use the forgotten password feature in case you do not remember the password or the username from previous registration.</p> <ul style="list-style-type: none"> ▪ File Format: All attachments must be in PDF format unless otherwise instructed by UNDP. ▪ File names must be in Latin alphabet/keyboard and clearly indicate the content of the document to facilitate review. ▪ All files must be free of viruses and not corrupted.
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>
Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti</p>

Gifts and Hospitality	Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
Currency of Quotation	Quotations shall be quoted in the currency indicated in the portal.
Joint Venture, Consortium or Association	If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association. Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or b) they have the same legal representative for purposes of this RFQ; or c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process; d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.

Alternative Quotes	If alternative quote is permitted, it may be submitted only if a conforming quote to the RFQ requirements is submitted. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as “Main Quote” and “Alternative Quote” directly in the portal and in any supporting document as relevant.
Contact Person for correspondence, notifications and clarifications	Must be submitted directly in the portal using the messaging functionality. Any delay in UNDP’s response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Publication of Contract Award	UNDP will publish the contract awards on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.



SECTION 2: SPECIAL INSTRUCTIONS

General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to one of the General Conditions of Contract below as applicable in each case specified in the Requirements section</p> <p>Applicable GTC:</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions for Contract.</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days</p> <p><input checked="" type="checkbox"/> Liquidates damages shall be imposed as follows:</p> <p>Percentage of contract price per week of delay: 2.5% up to a maximum of 10%, after which UNDP may terminate the contract.</p>
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified in the requirements section.</p> <p>All prices must:</p> <p><input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the Bidder's responsibility to ensure that its ultimate beneficial owners, employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Language of quotation	<p>English, Romanian or Russian</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>
Quotation validity period	<p>Quotations shall remain valid for 90 (ninety) days from the deadline for the Submission of Quotation.</p>
Partial Quotes	<p><input checked="" type="checkbox"/> Not permitted</p>
Alternative Quotes	<p><input checked="" type="checkbox"/> Not permitted</p>
Payment Terms	<p><input checked="" type="checkbox"/> 100% within 30 days after receipt of goods and submission of payment documentation.</p>
Conditions for Release of Payment	<p><input checked="" type="checkbox"/> Written Acceptance of Goods, based on full compliance with RFQ requirements</p> <p><input checked="" type="checkbox"/> Inspection upon arrival at destination</p> <p><input checked="" type="checkbox"/> Installation</p> <p><input checked="" type="checkbox"/> Testing</p> <p><input checked="" type="checkbox"/> Training on Operation and Maintenance</p>
Clarifications	<p>Bidders must send their inquiries and requests for clarifications using the messaging functionality in the portal.</p> <p>PLEASE PAY ATTENTION: QUOTES SHALL NOT BE SUBMITTED TO ANY EMAIL ADDRESS BUT ONLY THROUGH THE PORTAL.</p> <p>Requests for clarification from bidders will not be accepted any later than 3 (three) days before the</p>

	submission deadline. Responses to request for clarification will be communicated directly in the portal.
Documents to be submitted	<input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Annex 4: Technical Responsiveness Table duly completed and signed <input checked="" type="checkbox"/> Product Data Sheet for the offered goods <input checked="" type="checkbox"/> Company Profile, including detailed portfolio/previous corporate experience in similar fields related to the assignment <input checked="" type="checkbox"/> Copy of registration documents <input checked="" type="checkbox"/> Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country <input checked="" type="checkbox"/> Manufacturer’s Authorization of the Company as a Sales Agent (if Supplier is not the manufacturer) <input checked="" type="checkbox"/> List of completed and/or ongoing contracts for similar services undertaken within the past 3 (three) years including the following information: <ul style="list-style-type: none"> • Name of previous contracts • Client & Reference Contact • Details including e-mail • Contract Value Period of activity • Types of services undertaken <i>Copies of provided relevant contracts might be requested during the evaluation process.</i> <input checked="" type="checkbox"/> Certificates of quality and/ or statement of origin for the offered goods <input checked="" type="checkbox"/> Statement of Warranty of minimum 12 months for the offered goods <input checked="" type="checkbox"/> Statement of availability of a local representative/dealer to handle warranty/hardware repair issues ensuring the comprehensiveness of after-sales services <input checked="" type="checkbox"/> Statement of satisfactory Performance (references) from at least 2 (two) clients on similar assignments implementation <input checked="" type="checkbox"/> Environmental Compliance Certificates, Accreditations, if any <input checked="" type="checkbox"/> Export/Import Licenses, if applicable
Evaluation method	<input checked="" type="checkbox"/> The Contract will be awarded to the lowest price substantially compliant offer
Evaluation criteria	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract <input checked="" type="checkbox"/> Minimum 3 (three) years of relevant experience in provision of similar equipment and training services on the use of the equipment <input checked="" type="checkbox"/> Availability of certificates of quality and/ or statement of origin for the offered goods <input checked="" type="checkbox"/> Warranty for a minimum period of 12 months <input checked="" type="checkbox"/> Availability of a local representative/partner to handle warranty/hardware repair issues ensuring the comprehensiveness after-sales services
Type of Contract to be awarded	<input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services)
Expected date for contract award.	12 October 2023

ANNEX 1: SCHEDULE OF REQUIREMENTS

Terms of References

A. Background

Moldova is part of the EU's European Neighbourhood Policy (ENP) and in the Eastern Partnership framework, which aims at strengthening individual and regional relationships between the EU and countries in its neighbourhood. Moldova is also part of the Energy Community Treaty since 2010 and has signed the Association Agreement with EU in June 2014, including the DCFTA which entered into force in 2016. As a follow-up, Moldova is required to ensure transposition of the EU *acquis Communautaire*, which underpins the EU energy legislation on electricity, gas, oil, renewables, efficacy and environment. The country is planning to fully synchronize its electricity network with the ENTSO-E to connect to European electricity market.

The energy sector is one of the top priorities for the Government and it is addressed in Government's Plans and several policy documents, laws, and regulations. The most important are the following: the draft National Development Strategy 2030, the National Energy Strategy 2030, Law on energy, Law on electricity, Law on promoting use of energy from renewable sources, Law on natural gas, Law on energy efficiency, Law on the energy performance of buildings, Law on the labelling of products with energy impact, Law on eco-design requirements for energy-related products, etc., as well as a list of secondary legislation, meant necessary to ensure for the implementation of the primary legislation.

In accordance with the existing strategic planning documents, one of main priorities of the Government is to diversify the energy mix with more renewable energy, which is also fully in line with commitments under the EU Clean Energy for all Europeans packages. Achieving this goal will require significant investment in the medium and long term, but also the country's ability to attract and absorb the funds. The development of renewables, such as wind and solar, will also depend on improving the balancing capabilities of the Moldovan power system and its integration with neighbouring countries.

Starting with October 2021, Moldova faced significant crisis in the gas sector, which outlined the need to undertake more actions towards improving energy security of the Republic of Moldova, both in the natural gas and electricity sectors.

To enhance security of gas supply, Moldovan authorities are seeking various ways to diversify gas and electricity supply, to strengthen its energy security and enabling a transparent, fully open, and well-functioning energy market.

The acute gas supply crisis in Moldova has also been subject of discussions within the Moldova-EU Association Council meeting on October 28, 2021. The EU and Moldova stressed the importance of resilience against any potential efforts by third parties to use energy as a geopolitical lever. The Association Council recalled the importance of continued energy market reform to strengthen competition and transparency in this sector. The EU has urged Moldova to ensure that the energy sector reform demonstrates full respect of the Energy Community *acquis* and is in line with the EU Third Energy Package. The EU side confirmed its support to the objective of Moldova to synchronize its electricity network with the Continental European Network (CEN), an important step towards the integration into the EU energy system and market.

Under these circumstances, the Government of Moldova will be assisted to tackle the current energy crisis and energy poverty and addressing prioritized systemic elements in the energy sector to cope with potential future energy crisis. In partnership with EU, UNDP Moldova will therefore, support the Government of Moldova:

- To tackle the current energy crisis and energy poverty, and addressing prioritized systemic elements in the energy sector to cope with potential future energy crisis.
- To support the Government of Moldova in building its capacities towards strengthening the national energy security, as well as in improving the legal and regulatory framework and operationalizing specific rapid large-scale interventions to tackle energy poverty and support most vulnerable and affected groups of population and businesses.

The Programme duration is envisaged between 2022- 2023 with support from Foreign Policy Instrument (herewith FPI) of EU.

The Project Concept has been approved by FPI of the EU in February 2022, paving the way for development of the full project proposal.

With the approval of Law no. 139/2018 on energy efficiency, one of the basic priorities in the field is the strengthening of the capacities of specialists in the field of energy efficiency and the promotion of renewable energy sources. In this sense, a series of secondary documents regarding the training of specialists in this field were approved. The main documents being Decision Government Decision no. 676 of 10.09.2020 for the approval of the Regulation on energy auditors and energy audit, Decision no. 1051 of 08.11.2018 for the approval of the Regulation regarding the qualification and registration of installers of biomass-based boilers, furnaces or stoves, photovoltaic and solar thermal systems, shallow geothermal systems and heat pumps, Government Decision no. 1003 of 10.12.2014 for the approval of the regulations regarding energy labeling requirements of some products with energy impact, etc.

In this context, in order to strengthen the capacities of educational institutions in order to train specialists in the field of energy efficiency and renewable energy sources, UNDP Moldova seeks the purchase of technical equipment necessary for the process of continuous training and training of specialists in the energy field for 5 educational institutions with energy profile.

The institutions that will benefit from technical equipment are:

- 1) Chisinau Technological College (Chisinau) <http://colegiultehnologic.md/masini-si-aparate-electrice-de-uz-casnic/>
- 2) Balti Polytechnic College <http://cpbmd.info/>
- 3) Soroca Agriculture Technical College <https://ipctasoroca.md/specialty/electromecanica/>

B. SCOPE AND OBJECTIVES OF THE ASSIGNMENT

The main purpose of this task is:

- Increasing institutional capacities in the field of continuous training and education by providing technical equipment necessary for the training of specialists in the energy field (energy auditors, installers, students and pupils).
- To train the staff of educational institutions on the use and operation of the delivered technical equipment.

C. GENERAL RESPONSIBILITIES

The company will have the below general responsibilities:

- Carry out the assignment as defined in the Terms of Reference;
- Complete the final deliverable in a timely manner as defined below;
- Conduct all business in a manner that respects local culture;
- Maintain high ethical standards, avoiding any actual or perceived conflicts of interest and abiding by all local laws and/or all UNDP directives and requirements.

D. SPECIFIC RESPONSIBILITIES

The company will work in close consultation and collaboration with the responsible personnel from the educational institutions (3 targeted institutions) as well as the UNDP Moldova team to carry out the following specific tasks:

- The company will provide the equipment for each educational institution in accordance with the technical specifications described in the annex to this ToR for each separate batch;

- In coordination with the representatives of the educational institutions, for each batch, services will be offered for fitting out and mounting the delivered equipment in accordance with the beneficiary's requirements;
- The company will provide staff training services regarding the use of the delivered equipment;
- The company will ensure, as appropriate, the development of the project sketches necessary for the installation of the equipment;
- The company will make available to the beneficiary all the technical documentation related to the equipment;
- Ensuring quality control over the installed equipment.

Deliverables will be provided as per the table below.

Deliverable	Target Date from the date of contract signature
<u>Deliverable 1.</u> Delivery of equipment necessary for training and continuous training process	3-5 weeks
<u>Deliverable 2.</u> Installation and arrangement of delivered equipment in coordination with the final beneficiary	1-2 weeks
<u>Deliverable 3.</u> Training of educational institutions regarding the use of delivered equipment (3 targeted institutions)	1 week

Note: The time period shown has been estimated to be sufficient/feasible for the equipment delivered and the scope of work to be successfully completed and is proposed as a guide for the duration of the assignment. The implementation of the Deliverable3 (training course) will take into account the constraints related to the availability of trainers and internal activities scheduled before the signing of the Contract. Provision of contemplated deliverables approved by UNDP shall be the sole criterion for completion of the Contractor's work and eligibility for payment/s.

F. REPORTING REQUIREMENTS

The Supplier shall report delivery progress to UNDP Moldova and deliver on time equipment.

The progress report shall be in a form acceptable to the Project responsible and shall indicate: (a) progress of delivery; and (b) where any activity is behind the contract completion, giving comments and likely consequences and stating the corrective action being taken.

G. PAYMENT

100% within 30 days upon UNDP's acceptance of the goods delivered as specified and receipt of invoice and training on operation and maintenance provided.

H. SUBCONTRACTING

The subcontracting of services is not allowed.

ANNEX 1: SCHEDULE OF REQUIREMENTS

Technical Specifications for Goods:

Item No	Name of equipment	Quantity	Minimum Technical Requirements
Location of Beneficiary institution: Technological College from Chisinau			
1.	Drill drivers with battery	1	Accumulator: 2x2.0Ah; Battery type: Li-Ion; Complete set: 2 batteries + suitcase Idling speed:1300 min-1; Power type: Accumulator Max. diameter drilling steel: 10 mm; Max. diameter wood drilling: 20 mm
2.	Transformer electronic	6	Power (W): 150 W; Voltage (V): 230 V; Output voltage (V): 12 V
3.	Transformer for LED strip	1	Power (W): 360 W; Voltage (V): 220 - 240 V; Current (A): 30 A; Output voltage (V): DC 12V
4.	RGB LED amplifier	6	Power (W): 288 W; Voltage (V): 12 V; Current (A): 24 A; Degree of protection (IP): IP20
5.	RGB controller with remote	6	Power (W): 72 W; Voltage (V): 12 V; Current (A): 2 A; Degree of protection (IP): IP20 Options: Multifunctional; Completion: AC adapter
6.	Freon charging station	1	Charging Station Complete R134a Steel frame construction with Vacuum pump: RL-4 Vacuum gauge: 19800-SV Bellow gauges: oil-filled, Ø 60 Valves for connection of refrigeration systems and refrigerant-supply line
7.	Manifold (2-way manifold with Bourdon Type)	2	Number of Ways: 2-way Type: Bourdon-type Accuracy Class: 1.6 Nominal Size: 68 Oil-filled: No Zero Point Adjustment: Yes Pressure Scale: bar psi Refrigerant(s): R134a R404A R507 Ball Valve: No Scope of Supply: 3 Charging hoses
8.	Tools For Tube Cutting/ Pipe Cutter	2	Tube Material - Copper; Aluminum; Plastics
9.	Refrigeration socket set	2	Number of Pieces: 19 Scope of Supply: Ratchet Intermediate piece 1/4" / 1/4" Extension 15.5 mm Special nut Cross handle Cardan joint Transition piece outside Transition piece inside Various inserts

10.	Torque wrench set in a handy case	1	Torque adjustable from 10 to 75 Nm Key widths: 17, 19, 22, 24, 26, 27, 29 mm
11.	Screwdriver set	2	10-piece screwdriver set made of chrome vanadium steel with non-slip handle
Location of Beneficiary institution: Polytechnic College Balti			
1.	LED projector with solar battery	30	Power (W): 60 W Color temperature (K): 6400 K Luminous flux (lm): 1040 lm Protection (IP): IP65
2.	LED street lighting body with solar panel	20	Power (W): 60 W Color temperature (K): 6500 K Voltage (V): 6V/10W Luminous flux (lm): 6000 lm Protection (IP): IP65
3.	Sensor day/night	30	Power (W): 1200 W Voltage (V): 220 - 240 V Protection (IP): IP44 Form type: Indoor Type: Radar Lighting level (lux): 50
4.	Motion sensor	30	Power (W): 1000 W Voltage (V): 220 - 240 V Form type: Outside Protection (IP): IP20 Type: Infrared Ambient temperature during operation: up to 24°C Options: 2 adjustable buttons (Time, luxury) Angle (degrees): 360° Distance (m): 8 m Lighting level (lux): 2000 Actuation duration (time): From 5 sec to 8/12 min
5.	Digital timer socket	20	Voltage (V): 230 V Current (A): 16 A Protection (IP): IP20 Type: programmable
6.	LED lighting projector	30	Power (W): 50 W Color temperature (K): 6500 K Voltage (V): 220 - 240 V Protection (IP): IP65

7.	Analog programmable switch	30	Power supply: 230 V ~ - 50/60 Hz Front panel 3-position "ON-AUTO-OFF" boost switch Manual switch to summer / winter time 1 output 16 A - 250 V ~ - $\mu \cos = 1$ Daily schedule 1 segment = 15 minutes Accuracy: ± 5 minutes Vertical keyboard With a power reserve of 100 hours Number of modules: 1
8.	Weekly electronic trimer	20	Operating temperature range, °C: 0 ... + 40 Rated operating voltage Ue, V: 230 Rated frequency, Hz: 50 Rated current In, A: 8A (AC1) Characteristic: Maximum number of V / O cycles per day / week: 140; The minimum step of setting the operating time: 1 min; Battery life: at least 150 hours
9.	Wi-fi smart socket	20	Current (A): 16 A Voltage (V):250 V Frequency (Hz): 50...50 Hz Earthing: Yes Number of sockets - 1 With On/Off switch - Yes Protection (IP) - IP20
10.	Smart switch	30	Size: 80mm*80mm*40mm Maximum voltage: 250 V Total nominal load: 2000 W Maximum current: 5 A Own consumption: less than 0.1mW Type: Wall Light Dimmer Switch, with light dimmer - changes the intensity of the light
11.	Unitary socket outdoor	50	Current intensity: 16A Voltage (V): 220V Socket with child protection: Yes Mounting Type: Apparent Degree of protection (IP): IP44
12.	External unitary switch	20	Destination: Outside Voltage (V): 230 V Current (A): 10 A Protection (IP): IP44 Frequency: 50 Hz
13.	External double switch	20	Voltage (V): 250 V Current (A): 10A Degree of protection (IP): IP44 Type: Hermetic Frequency: 50 Hz
14.	UZO automatic switch	10	Model: VD1-63 Current intensity: 25A Number of poles: 2 Ambient temperature during operation: from -40°C to +50°C Nominal leakage current: 30mA Degree of protection (IP): IP20

15.	Automatic switch	50	Voltage (V): 230 - 400V Current (A): 16 A No. Poles: 1P Car. electromagnetic release: C
16.	Low voltage arrester	10	Voltage (V): 400 V Current (A): 20 kA No. Poles: 2P Car. electromagnetic release: C
17.	Contactor	10	Voltage (V): 220 V Current (A): 9 A Protection (IP): IP20 Frequency: 50 Hz
18.	Electric motor	3	Power (W): 1.1 kW Voltage (V): 220/380 V Degree of protection (IP): IP54 Type: Asynchronous Frequency: 50 Hz Idling speed: 1000 rpm Attachment method: Sole Mode: S1 Basket ϕ : 0.71 Number of phases: Three-phase
19.	Contactor	20	Voltage (V): 380 V Current (A): 65 A Degree of protection (IP): IP20 Type: 1NO+1NC No. Poles: 3P Frequency: 50/60 Hz
20.	Distribution box for open wiring	40	Dimensions (L x W x H x ϕ) - 100 x 100 x 45 mm Material type - Plastic
21.	Outdoor automotive box	10	The quantity of automatic switches: 1-16 pieces Installation mode: External Degree of protection: IP20
22.	Electrician tools set	10	Professional electrician tool set of 68 specially selected tools. The straps and screwdrivers in the kit are insulated up to 1000V
23.	Metal bench with perforated wall	10	Leg height 2230mm Metal shelf 1330x3000mm Perforated wall 1330x3000mm
Location of Beneficiary institution: IP Agricultural Technical College from Soroca			
1.	LED street lighting body with solar panel	4	Power (W): 90 W Color temperature (K): 6500 K Voltage (V) : 6V/14W Luminous flux (lm): 9000 lm Degree of protection (IP) - IP65

2.	LED street lighting body with solar panel	4	Power (W): 50 W Average lifetime (h): 12-15 h Color temperature (K): 6400 K Luminous flux (lm): 950 lm Degree of protection (IP): IP65
3.	Support for street lighting body	8	Dimensions (L x W x H x Ø) - 300 x 40 mm Material type: Metal
4.	Single-phase electric meter	4	Voltage (V): 220 V Current (A): 40 A Type: Digital Number of phases: Single phase
5.	Three-phase electric meter	2	Voltage (V): 230 - 400V Current (A): 5 - 100 A Degree of protection (IP): IP20 Type: Digital Number of phases: Three-phase
6.	Electric cable	100 m	Color: Black Material type: Copper Number of threads: 3 Type: PVS Section: 1.5 mm ²
7.	Electric cable	100 m	Model: PVS White: color Material type: Copper Number of threads: 3 Section: 1.5 mm ²
8.	Electric cable	100 m	Color: Black Material type: Copper Number of threads: 3 Type: PVS Section: 2.5 mm ²
9.	Voltage stabilizer	1	Power (W): 1200 W Voltage (V): 140 - 275 V
10.	Voltage stabilizer	1	Power (W): 4 kW Voltage (V): 220/230 V
11.	Single-phase inverter	1	Power (W): 1.5 kW Voltage (V): 220 - 240 V Degree of protection (IP): IP20 Number of phases: Single phase
12.	Inverter 220 V	1	Power (W): 2000 W Voltage (V): 12 V Output voltage (V): 220 V

13.	Three-phase electric motor	2	Power (W): 0.37 kW Voltage (V): 220/380 V Degree of protection (IP): IP55 Frequency: 50 Hz Idling speed: 1000 rpm Grip method: Sole Shaft size (Ø x L): 14 x 30 mm Mode: S1 Basket φ: 0.70 Number of phases: Three-phase
14.	Three-phase electric motor	1	Power (W): 750 W Voltage (V): 380 V Degree of protection (IP): IP55 Type: Asynchronous Frequency: 50 Hz Idling speed: 3000 rpm Grip method: Sole Shaft size (Ø x L): 19 x 30 mm Regime: MS Basket φ: 0.83 Number of phases: Three-phase
15.	Three-phase electric motor	1	Power (W): 1.1 kW Voltage (V): 220/380 V Degree of protection (IP): IP55 Type: Asynchronous Frequency: 50 Hz Idling speed: 1500 rpm Grip method: Sole Shaft size (Ø x L): 24 x 40mm Mode: S1 Number of phases: Three-phase
16.	Electrician tools set	2	Professional electrician tool set of 68 specially selected tools. The straps and screwdrivers in the kit are insulated up to 1000V
17.	Tool set	1	Material type - Chrome vanadium Pieces in set - 94
18.	Photovoltaic plant for laboratory	1	4 x 275W panels 1 x Inverter 1100W Aluminum fasteners Power cable 4-6mm Connections fitting
19.	Metal bench with perforated wall	5	Leg height 2230mm Metal shelf 1330x3000mm Perforated wall 1330x3000mm
20.	LED projector with the solar battery	2	Power (W): 60 W Color temperature (K): 6400 K Luminous flux (lm): 1040 lm Protection (IP): IP65

21.	Sensor day/night	8	Power (W): 1200 W Voltage (V): 220 - 240 V Protection (IP): IP44 Form type: Indoor Type: Radar Lighting level (lux): 50
22.	Motion sensor	5	Power (W): 1000 W Voltage (V): 220 - 240 V Form type: Outside Protection (IP): IP20 Type: Infrared Ambient temperature during operation: up to 24°C Options: 2 adjustable buttons (Time, luxury) Angle (degrees): 360° Distance (m): 8 m Lighting level (lux): 2000 Actuation duration (time): From 5 sec to 8/12 min
23.	Digital timer socket	10	Power (W): 3680 W Voltage (V): 230 V Current (A): 16 A Protection (IP): IP20 Type: programmable
24.	Analog programmable switch	5	Power supply: 230 V ~ - 50/60 Hz Front panel 3-position "ON-AUTO-OFF" boost switch Manual switch to summer / winter time 1 output 16 A - 250 V ~ - $\mu \cos = 1$ Daily schedule 1 segment = 15 minutes Accuracy: ± 5 minutes Vertical keyboard With a power reserve of 100 hours Number of modules: 1
25.	Electronic socket timer	5	Operating temperature range, °C: 0 ... + 40 Rated operating voltage Ue, V: 230 Rated frequency, Hz: 50 Rated current In, A: 8A (AC1) Characteristic: Maximum number of V / O cycles per day / week: 140; The minimum step of setting the operating time: 1 min; Battery life: at least 150 hours.
26.	Wi-fi smart socket	5	Current (A): 16 A Voltage (V): 250 V Frequency (Hz): 50...50 Hz Earthing: Yes Number of sockets - 1 With On/Off switch - Yes Protection (IP) - IP20

27.	Unitary socket outdoor	5	Current intensity: 16A Voltage (V): 220V Socket with child protection: Yes Mounting Type: Apparent Degree of protection (IP): IP44 Grounded: Yes
28.	External unitary switch	20	Destination: Outside Voltage (V): 230 V Current (A): 10 A Protection (IP): IP44 Frequency: 50 Hz
29.	External double switch	20	Voltage (V): 250 V Current (A): 10A Degree of protection (IP): IP44 Type: Hermetic Frequency: 50 Hz
30.	UZO automatic switch	5	Current intensity: 25A Number of poles: 2 Ambient temperature during operation: from -40°C to +50°C Nominal leakage current: 30mA Degree of protection (IP): IP20
31.	Automatic switch	10	Voltage (V): 230 - 400V Current (A): 16 A No. Poles: 1P Car. electromagnetic release: C
32.	Distribution box	10	Dimensions (L x W x H x Ø) - 100 x 100 x 45 mm Material type - Plastic
33.	Generator gasoline 3 kW 220 V	1	Output voltage (V) 220 V frequency 50 Hz Fuel type Benzine Rated power (W) 3kW

Delivery Requirements

Delivery Requirements		
Delivery date and time	Deliverable	Tools and electrical equipment for training
	<u>Deliverable 1.</u> Delivery of equipment necessary for training and continuous training process	3-5 weeks
	<u>Deliverable 2.</u> Installation and arrangement of delivered equipment in coordination with the final beneficiary	1-2 weeks
	<u>Deliverable 3.</u> Training of educational institutions regarding the use of delivered equipment (3 targeted institutions)	1 week
<p>Note: The time period shown has been estimated to be sufficient/feasible for the equipment delivered and the scope of work to be successfully completed and is proposed as a guide for the duration of the assignment. The implementation of the Deliverable 3 (training course) will take into account the constraints related to the availability of trainers and internal activities scheduled before the signing of the Contract. Provision of</p>		

	contemplated deliverables approved by UNDP shall be the sole criterion for completion of the Contractor's work and eligibility for payment/s.	
Delivery Terms (INCOTERMS 2020)	DDP Chisinau DDP Balti DDP Soroca	
Customs clearance (must be linked to INCOTERM)	Shall be done by: <input checked="" type="checkbox"/> Supplier/bidder UNDP is available to provide support to the contractor with required documents necessary for customs clearance and VAT payment exemption, if needed.	
Exact Address(es) of Delivery Location(s)	As per beneficiary institutions' addresses:	
	#	The beneficiary institution
		Location/Address
	1	Chisinau Technological College
2	Soroca Agriculture Technical College	Moldova, Chisinau, str. Bogdan Voievod 8/1
3	Balti Polytechnic College	Moldova, Soroca, str. Calea Baltului 2
		Moldova, Balti, str. Ivan Franco nr. 11
Warranty Period	<p>The supplier shall cover all equipment under warranty for any material defects, defects in workmanship and premature failures under normal use and service, for a period of minimum twelve (12) months from the date of delivery and goods acceptance.</p> <p>The supplier shall repair or replace any defective equipment or parts throughout the warranty period and cover any related cost.</p> <p>After delivery and acceptance of equipment the Supplier shall provide a warranty certificate or similar issued to the beneficiary institution.</p>	
Scope of Training on Operation and Maintenance	<p>Training is required at the premises of the beneficiary institutions. The trainings should be held during the workweek, after the delivery of the equipment to the addresses stated in this RfQ.</p> <p>Training should be provided by the company's trainer(s).</p> <p>Training will focus on the procedures for using the delivered equipment, the security techniques and the appropriate maintenance and operation procedures.</p> <p>Training should last one day for each beneficiary institution. The End User is responsible for organizing training premises.</p> <p>The Supplier should cover trainers fee, travel costs to and from Moldova, accommodation costs during the training as well as the transportation costs from Chisinau to beneficiaries for trainer(s). UNDP will organize translation, if needed.</p> <p>Thus, for the trainings within the Agricultural Technical College from Soroca at least 5 people, for the Balti Polytechnic College at least 8 people, the Chisinau Technological College at least 3 people need to be trained.</p>	

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	RFQ23/02743: Procurement of the technical equipment necessary for training for educational institutions that train specialists in the energy field	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability	<input type="checkbox"/> Yes <input type="checkbox"/> No

through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues <i>(If yes, provide a Copy)</i>				
Is your company a member of the UN Global Compact	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.			
Previous relevant experience:				
3 contracts in provision of similar equipment and training services on the use of equipment				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value (please indicate currency)	Period of activity (month/year)	Types of activities undertaken

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.
<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

Yes	No	
		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 and Sanctions: I/We hereby declare that our firm, ultimate beneficial owners, 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.

Signature: _____

Name: [Click or tap here to enter text.](#)

Title: [Click or tap here to enter text.](#)

Date: [Click or tap to enter a date.](#)

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:		
RFQ reference:	RFQ23/02743: Procurement of the technical equipment necessary for training for educational institutions that train specialists in the energy field	Date:

Bidders must include all costs related to the performance of the services in their quotation price (delivery of all goods and equipment, transport costs, unloading at the delivery site, installation etc.)

Currency of the Quotation: MDL for local Suppliers and USD for international Suppliers INCOTERMS: DDP					
Item No	Name of equipment	UOM	Qty	Unit price (VAT 0%) <i>[please insert currency]</i>	Unit price (VAT 0%) <i>[please insert currency]</i>
A	Deliverable 1. Delivery of equipment necessary for training and continuous training process for 3 institutions as below				
Location of Beneficiary institution: Technological College from Chisinau					
1.	Drill drivers with battery	pcs	1		
2.	Transformer electronic	pcs	6		
3.	Transformer for LED strip	pcs	1		
4.	RGB LED amplifier	pcs	6		
5.	RGB controller with remote	pcs	6		
6.	Freon charging station	pcs	1		
7.	Manifold (2-way manifold with Bourdon Type)	pcs	2		
8.	Tools For Tube Cutting/ Pipe Cutter	pcs	2		
9.	Refrigeration socket set	pcs	2		
10.	Torque wrench set in a handy case	pcs	1		
11.	Screwdriver set	pcs	2		
Location of Beneficiary institution: Polytechnic College Balti					
1.	LED projector with solar battery	pcs	30		
2.	LED street lighting body with solar panel	pcs	20		
3.	Sensor day/night	pcs	30		
4.	Motion sensor	pcs	30		
5.	Digital timer socket	pcs	20		
6.	LED lighting projector	pcs	30		
7.	Analog programmable switch	pcs	30		
8.	Weekly electronic trimer	pcs	20		
9.	Wi-fi smart socket	pcs	20		

10.	Smart switch	pcs	30		
11.	Unitary socket outdoor	pcs	50		
12.	External unitary switch	pcs	20		
13.	External double switch	pcs	20		
14.	UZO automatic switch	pcs	10		
15.	Automatic switch	pcs	50		
16.	Low voltage arrester	pcs	10		
17.	Contactactor	pcs	10		
18.	Electric motor	pcs	3		
19.	Contactactor	pcs	20		
20.	Distribution box for open wiring	pcs	40		
21.	Outdoor automotive box	pcs	10		
22.	Electrician tools set	pcs	10		
23.	Metal bench with perforated wall	pcs	10		
Location of Beneficiary institution: IP Agricultural Technical College from Soroca					
1.	LED street lighting body with solar panel	pcs	4		
2.	LED street lighting body with solar panel	pcs	4		
3.	Support for street lighting body	pcs	8		
4.	Single-phase electric meter	pcs	4		
5.	Three-phase electric meter	pcs	2		
6.	Electric cable	pcs	100 m		
7.	Electric cable	pcs	100 m		
8.	Electric cable	pcs	100 m		
9.	Voltage stabilizer	pcs	1		
10.	Voltage stabilizer	pcs	1		
11.	Single-phase inverter	pcs	1		
12.	Inverter 220 V	pcs	1		
13.	Three-phase electric motor	pcs	2		
14.	Three-phase electric motor	pcs	1		
15.	Three-phase electric motor	pcs	1		
16.	Electrician tools set	pcs	2		
17.	Tool set	pcs	1		
18.	Photovoltaic plant for laboratory	pcs	1		
19.	Metal bench with perforated wall	pcs	5		
20.	LED projector with the solar battery	pcs	2		
21.	Sensor day/night	pcs	8		
22.	Motion sensor	pcs	5		
23.	Digital timer socket	pcs	10		
24.	Analog programmable switch	pcs	5		

25.	Electronic socket timer	pcs	5		
26.	Wi-fi smart socket	pcs	5		
27.	Unitary socket outdoor	pcs	5		
28.	External unitary switch	pcs	20		
29.	External double switch	pcs	20		
30.	UZO automatic switch	pcs	5		
31.	Automatic switch	pcs	10		
32.	Distribution box	pcs	10		
33.	Generator gasoline 3 kW 220 V	pcs	1		
Total Price					
Transportation Price					
Other Charges (specify)					
Total Final and All-inclusive Price per Deliverable 1 [please insert currency]					
B	Deliverable 2. Installation and arrangement of delivered equipment in coordination with the final beneficiary				
Total Final and All-inclusive Price per Deliverable 2 [please insert currency]					
C	Deliverable 3. Training of educational institutions regarding the use of delivered equipment (3 targeted institutions)				
Total Final and All-inclusive Price per Deliverable 3 [please insert currency]					
TOTAL FINAL AND ALL-INCLUSIVE PRICE (Deliverable 1 + 2 + 3) [please insert currency]					

**In case the related services and other costs (transportation, insurance, other as applicable) are included in the value of delivered goods and cannot be reflected as a separate line of expenses, please specify 0 (zero) value in the relevant line in the table above. Should related services and other costs be incorporated in the table above, they shall be reflected in the unit price of goods in the section "Lines" of Quantum portal.*

Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Minimum Technical Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS): DDP	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time: 8 weeks	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty: 12 months	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation: 90 days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
Exact name and address of company Company Name Click or tap here to enter text. Address: Click or tap here to enter text.	Authorized Signature: _____ _____ Date: Click or tap here to enter text.

Phone No.: Click or tap here to enter text.

Email Address: Click or tap here to enter text.

Name: Click or tap here to enter text.

Functional Title of Authorised Signatory: Click or tap here to enter text.

Email Address: Click or tap here to enter text.

ANNEX 4: TECHNICAL RESPONSIVENESS TABLE

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form and Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	RFQ23/02743: Procurement of the technical equipment necessary for training for educational institutions that train specialists in the energy field	Date: Click or tap to enter a date.

Bidders shall supplement the information provided in the tables below with detailed description of the offered goods, including Product Data Sheet.

Item No	Name of equipment	Minimum Technical Requirements	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical characteristics should not be less/worse than the listed in Annex 1: Schedule of Requirements)
Location of Beneficiary institution: Technological College from Chisinau				
1.	Drill drivers with battery	Accumulator: 2x2.0Ah; Battery type: Li-Ion; Complete set: 2 batteries + suitcase Idling speed:1300 min-1; Power type: Accumulator Max. diameter drilling steel: 10 mm; Max. diameter wood drilling: 20 mm		
2.	Transformer electronic	Power (W): 150 W; Voltage (V): 230 V; Output voltage (V): 12 V		
3.	Transformer for LED strip	Power (W): 360 W; Voltage (V): 220 - 240 V; Current (A): 30 A; Output voltage (V): DC 12V		
4.	RGB LED amplifier	Power (W): 288 W; Voltage (V): 12 V; Current (A): 24 A; Degree of protection (IP): IP20		
5.	RGB controller with remote	Power (W): 72 W; Voltage (V): 12 V; Current (A): 2 A; Degree of protection (IP): IP20 Options: Multifunctional; Completion: AC adapter		
6.	Freon charging station	Charging Station Complete R134a Steel frame construction with Vacuum pump: RL-4 Vacuum gauge: 19800-SV Bellow gauges: oil-filled, Ø 60 Valves for connection of refrigeration systems and refrigerant-supply line		

7.	Manifold (2-way manifold with Bourdon Type)	Number of Ways: 2-way Type: Bourdon-type Accuracy Class: 1.6 Nominal Size: 68 Oil-filled: No Zero Point Adjustment: Yes Pressure Scale: bar psi Refrigerant(s): R134a R404A R507 Ball Valve: No Scope of Supply: 3 Charging hoses		
8.	Tools For Tube Cutting/ Pipe Cutter	Tube Material - Copper; Aluminum; Plastics		
9.	Refrigeration socket set	Number of Pieces: 19 Scope of Supply: Ratchet Intermediate piece 1/4" / 1/4" Extension 15.5 mm Special nut Cross handle Cardan joint Transition piece outside Transition piece inside Various inserts		
10	Torque wrench set in a handy case	Torque adjustable from 10 to 75 Nm Key widths: 17, 19, 22, 24, 26, 27, 29 mm		
11	Screwdriver set	10-piece screwdriver set made of chrome vanadium steel with non-slip handle		
Location of Beneficiary institution: Polytechnic College Balti				
1.	LED projector with solar battery	Power (W): 60 W Color temperature (K): 6400 K Luminous flux (lm): 1040 lm Protection (IP): IP65		
2.	LED street lighting body with solar panel	Power (W): 60 W Color temperature (K): 6500 K Voltage (V): 6V/10W Luminous flux (lm): 6000 lm Protection (IP): IP65		
3.	Sensor day/night	Power (W): 1200 W Voltage (V): 220 - 240 V Protection (IP): IP44 Form type: Indoor Type: Radar Lighting level (lux): 50		
4.	Motion sensor	Power (W): 1000 W Voltage (V): 220 - 240 V Form type: Outside Protection (IP): IP20 Type: Infrared		

		<p>Ambient temperature during operation: up to 24°C</p> <p>Options: 2 adjustable buttons (Time, luxury)</p> <p>Angle (degrees): 360°</p> <p>Distance (m): 8 m</p> <p>Lighting level (lux): 2000</p> <p>Actuation duration (time): From 5 sec to 8/12 min</p>		
5.	Digital timer socket	<p>Voltage (V): 230 V</p> <p>Current (A): 16 A</p> <p>Protection (IP): IP20</p> <p>Type: programmable</p>		
6.	LED lighting projector	<p>Power (W): 50 W</p> <p>Color temperature (K): 6500 K</p> <p>Voltage (V): 220 - 240 V</p> <p>Protection (IP): IP65</p>		
7.	Analog programmable switch	<p>Power supply: 230 V ~ - 50/60 Hz</p> <p>Front panel 3-position "ON-AUTO-OFF" boost switch</p> <p>Manual switch to summer / winter time</p> <p>1 output 16 A - 250 V ~ - $\mu \cos = 1$</p> <p>Daily schedule</p> <p>1 segment = 15 minutes</p> <p>Accuracy: ± 5 minutes</p> <p>Vertical keyboard</p> <p>With a power reserve of 100 hours</p> <p>Number of modules: 1</p>		
8.	Weekly electronic trimer	<p>Operating temperature range, °C: 0 ... + 40</p> <p>Rated operating voltage U_e, V: 230</p> <p>Rated frequency, Hz: 50</p> <p>Rated current I_n, A: 8A (AC1)</p> <p>Characteristic: Maximum number of V / O cycles per day / week: 140; The minimum step of setting the operating time: 1 min; Battery life: at least 150 hours</p>		
9.	Wi-fi smart socket	<p>Current (A): 16 A</p> <p>Voltage (V): 250 V</p> <p>Frequency (Hz): 50...50 Hz</p> <p>Earthing: Yes</p> <p>Number of sockets - 1</p> <p>With On/Off switch - Yes</p> <p>Protection (IP) - IP20</p>		
10	Smart switch	<p>Size: 80mm*80mm*40mm</p> <p>Maximum voltage: 250 V</p> <p>Total nominal load: 2000 W</p> <p>Maximum current: 5 A Own</p>		

		consumption: less than 0.1mW Type: Wall Light Dimmer Switch, with light dimmer - changes the intensity of the light		
11	Unitary socket outdoor	Current intensity: 16A Voltage (V): 220V Socket with child protection: Yes Mounting Type: Apparent Degree of protection (IP): IP44		
12	External unitary switch	Destination: Outside Voltage (V): 230 V Current (A): 10 A Protection (IP): IP44 Frequency: 50 Hz		
13	External double switch	Voltage (V): 250 V Current (A): 10A Degree of protection (IP): IP44 Type: Hermetic Frequency: 50 Hz		
14	UZO automatic switch	Model: VD1-63 Current intensity: 25A Number of poles: 2 Ambient temperature during operation: from -40°C to +50°C Nominal leakage current: 30mA Degree of protection (IP): IP20		
15	Automatic switch	Voltage (V): 230 - 400V Current (A): 16 A No. Poles: 1P Car. electromagnetic release: C		
16	Low voltage arrester	Voltage (V): 400 V Current (A): 20 kA No. Poles: 2P Car. electromagnetic release: C		
17	Contacto	Voltage (V): 220 V Current (A): 9 A Protection (IP): IP20 Frequency: 50 Hz		
18	Electric motor	Power (W): 1.1 kW Voltage (V): 220/380 V Degree of protection (IP): IP54 Type: Asynchronous Frequency: 50 Hz Idling speed: 1000 rpm Attachment method: Sole Mode: S1 Basket ϕ : 0.71 Number of phases: Three-phase		

19	Contactactor	Voltage (V): 380 V Current (A): 65 A Degree of protection (IP): IP20 Type: 1NO+1NC No. Poles: 3P Frequency: 50/60 Hz		
20	Distribution box for open wiring	Dimensions (L x W x H x Ø) - 100 x 100 x 45 mm Material type - Plastic		
21	Outdoor automotive box	The quantity of automatic switches: 1-16 pieces Installation mode: External Degree of protection: IP20		
22	Electrician tools set	Professional electrician tool set of 68 specially selected tools. The straps and screwdrivers in the kit are insulated up to 1000V		
23	Metal bench with perforated wall	Leg height 2230mm Metal shelf 1330x3000mm Perforated wall 1330x3000mm		
Location of Beneficiary institution: IP Agricultural Technical College from Soroca				
1.	LED street lighting body with solar panel	Power (W): 90 W Color temperature (K): 6500 K Voltage (V) : 6V/14W Luminous flux (lm): 9000 lm Degree of protection (IP) - IP65		
2.	LED street lighting body with solar panel	Power (W): 50 W Average lifetime (h): 12-15 h Color temperature (K): 6400 K Luminous flux (lm): 950 lm Degree of protection (IP): IP65		
3.	Support for street lighting body	Dimensions (L x W x H x Ø) - 300 x 40 mm Material type: Metal		
4.	Single-phase electric meter	Voltage (V): 220 V Current (A): 40 A Type: Digital Number of phases: Single phase		
5.	Three-phase electric meter	Voltage (V): 230 - 400V Current (A): 5 - 100 A Degree of protection (IP): IP20 Type: Digital Number of phases: Three-phase		
6.	Electric cable	Color: Black Material type: Copper Number of threads: 3 Type: PVS Section: 1.5 mm ²		

7.	Electric cable	Model: PVS White: color Material type: Copper Number of threads: 3 Section: 1.5 mm ²		
8.	Electric cable	Color: Black Material type: Copper Number of threads: 3 Type: PVS Section: 2.5 mm ²		
9.	Voltage stabilizer	Power (W): 1200 W Voltage (V): 140 - 275 V		
10	Voltage stabilizer	Power (W): 4 kW Voltage (V): 220/230 V		
11	Single-phase inverter	Power (W): 1.5 kW Voltage (V): 220 - 240 V Degree of protection (IP): IP20 Number of phases: Single phase		
12	Inverter 220 V	Power (W): 2000 W Voltage (V): 12 V Output voltage (V): 220 V		
13	Three-phase electric motor	Power (W): 0.37 kW Voltage (V): 220/380 V Degree of protection (IP): IP55 Frequency: 50 Hz Idling speed: 1000 rpm Grip method: Sole Shaft size (Ø x L): 14 x 30 mm Mode: S1 Basket φ: 0.70 Number of phases: Three-phase		
14	Three-phase electric motor	Power (W): 750 W Voltage (V): 380 V Degree of protection (IP): IP55 Type: Asynchronous Frequency: 50 Hz Idling speed: 3000 rpm Grip method: Sole Shaft size (Ø x L): 19 x 30 mm Regime: MS Basket φ: 0.83 Number of phases: Three-phase		

15	Three-phase electric motor	Power (W): 1.1 kW Voltage (V): 220/380 V Degree of protection (IP): IP55 Type: Asynchronous Frequency: 50 Hz Idling speed: 1500 rpm Grip method: Sole Shaft size (Ø x L): 24 x 40mm Mode: S1 Number of phases: Three-phase		
16	Electrician tools set	Professional electrician tool set of 68 specially selected tools. The straps and screwdrivers in the kit are insulated up to 1000V		
17	Tool set	Material type - Chrome vanadium Pieces in set - 94		
18	Photovoltaic plant for laboratory	4 x 275W panels 1 x Inverter 1100W Aluminum fasteners Power cable 4-6mm Connections fitting		
19	Metal bench with perforated wall	Leg height 2230mm Metal shelf 1330x3000mm Perforated wall 1330x3000mm		
20	LED projector with the solar battery	Power (W): 60 W Color temperature (K): 6400 K Luminous flux (lm): 1040 lm Protection (IP): IP65		
21	Sensor day/night	Power (W): 1200 W Voltage (V): 220 - 240 V Protection (IP): IP44 Form type: Indoor Type: Radar Lighting level (lux): 50		
22	Motion sensor	Power (W): 1000 W Voltage (V): 220 - 240 V Form type: Outside Protection (IP): IP20 Type: Infrared Ambient temperature during operation: up to 24°C Options: 2 adjustable buttons (Time, luxury) Angle (degrees): 360° Distance (m): 8 m Lighting level (lux): 2000		

		Actuation duration (time): From 5 sec to 8/12 min		
23	Digital timer socket	Power (W): 3680 W Voltage (V): 230 V Current (A): 16 A Protection (IP): IP20 Type: programmable		
24	Analog programmable switch	Power supply: 230 V ~ - 50/60 Hz Front panel 3-position "ON-AUTO-OFF" boost switch Manual switch to summer / winter time 1 output 16 A - 250 V ~ - $\mu \cos = 1$ Daily schedule 1 segment = 15 minutes Accuracy: ± 5 minutes Vertical keyboard With a power reserve of 100 hours Number of modules: 1		
25	Electronic socket timer	Operating temperature range, °C: 0 ... + 40 Rated operating voltage Ue, V: 230 Rated frequency, Hz: 50 Rated current In, A: 8A (AC1) Characteristic: Maximum number of V / O cycles per day / week: 140; The minimum step of setting the operating time: 1 min; Battery life: at least 150 hours.		
26	Wi-fi smart socket	Current (A): 16 A Voltage (V): 250 V Frequency (Hz): 50...50 Hz Earthing: Yes Number of sockets - 1 With On/Off switch - Yes Protection (IP) - IP20		
27	Unitary socket outdoor	Current intensity: 16A Voltage (V): 220V Socket with child protection: Yes Mounting Type: Apparent		

		Degree of protection (IP): IP44 Grounded: Yes		
28	External unitary switch	Destination: Outside Voltage (V): 230 V Current (A): 10 A Protection (IP): IP44 Frequency: 50 Hz		
29	External double switch	Voltage (V): 250 V Current (A): 10A Degree of protection (IP): IP44 Type: Hermetic Frequency: 50 Hz		
30	UZO automatic switch	Current intensity: 25A Number of poles: 2 Ambient temperature during operation: from -40°C to +50°C Nominal leakage current: 30mA Degree of protection (IP): IP20		
31	Automatic switch	Voltage (V): 230 - 400V Current (A): 16 A No. Poles: 1P Car. electromagnetic release: C		
32	Distribution box	Dimensions (L x W x H x Ø) - 100 x 100 x 45 mm Material type - Plastic		
33	Generator gasoline 3 kW 220 V	Output voltage (V) 220 V frequency 50 Hz Fuel type Benzine Rated power (W) 3kW		