



Request for Quotation No. RfQ25/ 03191

Installation of Photovoltaic Systems in Cosnita, Molovata Noua and Firladeni

SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP Moldova through the **Mayors for Economic Growth Facility (M4EG), the Advancing Energy Resilience Grant Program in Moldova's security zone communities**, kindly requests your quotation for the provision of goods, works and/or services as detailed in line items section of this RFQ.

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: BoQs for installing **photovoltaic panels at the kindergarten no. 2, Cosnita (English)**

Annex 5: BoQs for installing **photovoltaic panels at the kindergarten no. 2, Cosnita (Romanian)**

Annex 6: Execution Drawings and Detailed Technical Specifications for installation of **photovoltaic panels at the kindergarten no. 2, Cosnita**

Annex 7: BoQs for installing **photovoltaic panels at the Water well 1** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă (English)**

Annex 8: BoQs for installing **photovoltaic panels at the Water well 1** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă (Romanian)**

Annex 9: Execution Drawings and Detailed Technical Specifications for installing **photovoltaic panels at the Water well 1** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă**

Annex 10: BoQs for installing **photovoltaic panels and Operational point at the Water well 2** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă (English)**

Annex 11: BoQs for installing **photovoltaic panels and Operational point at the Water well 2** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă (Romanian)**

Annex 12: Execution Drawings and Detailed Technical Specifications for installation of **photovoltaic panels and Operational point at the Water well 2** managed by the Municipal Enterprise "Nistru Dniester Flow" in **Molovata Nouă**

Annex 13: BoQs for installing **photovoltaic panels at the "Prichindel" kindergarten, Firladeni (English)**

Annex 14: BoQs for installing **photovoltaic panels at the "Prichindel" kindergarten, Firladeni (Romanian)**

Annex 15: Execution Drawings and Detailed Technical Specifications for installation of **photovoltaic panels at the "Prichindel" kindergarten, Firladeni**

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 supplier portal following this link: <http://supplier.quantum.partneragencies.org> using the profile you may have in the portal.



Follow the instructions in the user guide to search for the tender using Negotiation **ID UNDP-MDA-00876** 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, you can register a profile using the registration link shared via the procurement notice and following the instructions in guides available in UNDP website: <https://www.undp.org/procurement/business/resources-for-bidders>. 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.

Thank you and we look forward to receiving your quotations.

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&_adf.ctrl-state=8godmwdd9_239&_afLoop=7321111756612874&_afWindowMode=0&_afWindowId=null&_afRFS=16&_afrMT=screen&_afrMFW=1920&_afrMFH=880&_afrMFDW=1920&_afrMFDH=1080&_afrMFC=8&_afrMFCI=0&_afrMFM=0&_afrMFR=96&_afrMFG=0&_afrMFS=0&_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	<p>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.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
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 3: SPECIAL INSTRUCTIONS

General Conditions of Contract	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 Applicable GTC: <input checked="" type="checkbox"/> General Terms and Conditions for Works Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy
Special Conditions of Contract	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days <input checked="" type="checkbox"/> Liquidates damages shall be imposed as follows: In case the works are not completed within 90 calendar days, 2.5% of the total contract amount will be deducted out of the final invoice for each week of delay. Max. number of weeks of delay 4. Once the total amount of liquidated damages is equal to 10% of the total contract amount, UNDP may terminate the contract.
Duties and taxes	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. All prices must: <input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes
Eligibility	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. 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. Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.
Language of quotation	Romanian or Russian or English Including documentation such as catalogues, instructions and operating manuals.
Quotation validity period	Quotations shall remain valid for 90 (ninety) days from the deadline for the Submission of Quotation.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted
Payment Terms	<input checked="" type="checkbox"/> Payments will be disbursed in several instalments, upon submission of invoices for the works performed and acceptance of respective milestones by UNDP designated representative as per the table mentioned in the ANNEX 3: TECHNICAL AND FINANCIAL OFFER – WORKS
Currency	Moldovan Leu (MDL) for local companies or US Dollars (USD) for international companies
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of Works, based on full compliance with RFQ requirements

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 5 (five) days before the submission deadline. Responses to request for clarification will be communicated directly in the portal.</p>
Documents to be submitted	<ul style="list-style-type: none"> <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"/> Duly filled-in Bills of Quantities (F7), including Unit Price Catalogue (F5) and Resource Schedule (F3). <input checked="" type="checkbox"/> Company Profile (short info up to 5 pages), including detailed portfolio/previous corporate experience in similar fields related to the assignment. <input checked="" type="checkbox"/> Copy of Extract from the state register indicating the field of activity “Electrical installation works; technical-sanitary installation works; and other construction installation works applicable to photovoltaic installations”. <input checked="" type="checkbox"/> List and value of projects performed for the last 3 (three) years plus client’s contact details who may be contacted for further information on those contracts. <input checked="" type="checkbox"/> Quality Certificates for the materials to be used during Works. <input checked="" type="checkbox"/> List of qualified key personnel, together with signed CVs and professional certificates (Certificat de atestare tehnico-profesională) by the national regulation authority in construction of Republic of Moldova, valid at the date or presentation of the offer for the: Site manager/foreman and Engineer in electrical networks. <input checked="" type="checkbox"/> Written declaration regarding warranty period on works and materials used, not less than 5 (five) years. <input checked="" type="checkbox"/> Written and signed statement of minimum 5 years of general warranty for the entire PV system. The warranty should include the due maintenance to ensure the reliable and efficient operation of the PV system and elimination of defects/malfunctions that occur during the warranty period. <input checked="" type="checkbox"/> Written and signed statement of minimum 10 years warranty for inverters. <input checked="" type="checkbox"/> Written and signed statement of panel yield warranty of minimum 25 years (minimum 80% performance) <input checked="" type="checkbox"/> Written and signed statement of availability of an authorized service center in Moldova for maintenance purposes <input checked="" type="checkbox"/> CE marking applied and / or ENEC certification for the main equipment (PV panels and invertors). <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top 3 (three) clients in terms of Contract value in similar field <input checked="" type="checkbox"/> Financial Statements (Income Statements and Balance Sheets) for the past 3 (three) years (2022, 2023, 2024).
Evaluation method	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> The Contract will be awarded to the lowest price substantially compliant offer.
Evaluation criteria	<ul style="list-style-type: none"> <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 experience in civil works, with demonstrated experience in installing photovoltaic panels. <input checked="" type="checkbox"/> Minimum 3 (three) completed contracts for provision of PVP services of installation works performed by the Proposer as main contractor in the past 3 years in the value not less than 40,000 US\$ each. Contact details must be provided.

	<p><input checked="" type="checkbox"/> Maximum delivery period not to exceed 60 calendar days upon signature of contract and from the moment the Contractor was given access to the construction site.</p> <p><input checked="" type="checkbox"/> Sufficient human resources capability to qualitatively and timely execute the works.</p> <p>Minimum key-personnel with valid certificates:</p> <p>(A) Site manager/foreman for specialized works and installations related to constructions, with at least 5 years of professional experience in PVP experience, Engineering, or other related field; Fluency in Romanian and Russian.</p> <p>(B) Engineer in electrical networks incl. external electricity networks</p> <ul style="list-style-type: none"> - University degree in Electrical Network, Engineering, or another related field - at least 5 years of professional experience in Electrical Network, Engineering, or other related field - Fluency in Romanian and Russian. <p><input checked="" type="checkbox"/> Minimum warranty on works and materials as required by the local legislation and regulations but not less than 5 (five) years.</p> <p><input checked="" type="checkbox"/> Average yearly turnover for the past three (3) years shall not be below 120,000 US\$ (in case of consortium applicable for lead company only).</p> <p>Will serve grounds for disqualification:</p> <p><input checked="" type="checkbox"/> Failure to submit one of the following documents:</p> <ul style="list-style-type: none"> • Duly filled-in Submission Form (as per Annex 2) • Technical and Financial Offer (as per Annex 3) • Duly filled-in Bills of Quantities (F7), including Unit Price Catalogue (F5) and Resource Schedule (F3) (as per Annex 3). • Copy of Extract from the state register indicating the field of activity „Electrical and technical-sanitary installation works and other construction installation works”
<p>Type of Contract to be awarded</p>	<p><input checked="" type="checkbox"/> Contract for Works</p>
<p>Expected date for contract award</p>	<p>January 2025</p>

ANNEX 1: SCHEDULE OF REQUIREMENTS

I. Project Background Information

Since its first launch in 2017 by the EU and, later re-introduction of the initiative in 2021 through the UNDP, the M4EG Facility has been empowering local authorities and communities in Armenia, Moldova, Georgia and Ukraine to explore and pursue innovative growth trajectories. While building on the successes and learnings of Phase 2, the M4EG continue to support municipalities in the EaP countries with new tools and practices to foster innovation, collaboration, and investment readiness to drive sustainable local economic growth.

This new phase of M4EG (2025-2028) aims to develop and implement an innovative approach of understanding and managing complexity, systems thinking, and mission-oriented portfolio building for local authorities to define their needs and solve complex problems by collaborating with different stakeholders, experimenting and testing different solutions and learning from each other, which falls within the overall frame of “strategic innovation”. The project covers Armenia, Moldova, Ukraine over the next 4 years and has two core objectives: (1) Improve and adapt systemic local-level economic development planning and implementation, and (2) Enhance access to finance for local authorities through support for pipeline development and financing absorption and management.

Moldova’s energy-related challenges have escalated with the expiration of the gas transit contract and cessation of gas supply to the Transnistrian region at the beginning of January 2025. This situation led to widespread power outages on the left bank of the Nistru River, determining many essential public services (including heating, water and electricity supply) to reduce their operation, and businesses to temporarily shut down, further exacerbating socio-economic vulnerabilities.

Communities in the security zone, located on the left and right bank but under the control of the constitutional authorities, that do not have an interconnection to the right bank’s energy grid face compounded risks due to limited infrastructure and geopolitical sensitivities. There are 11 identified localities that are in the security zone and are most at risk due to their interconnection to Transnistrian region’s gas lines or electricity grids. In response, an initiative to enhance energy resilience in up to five strategically selected communities by integrating Energy Efficiency (EE) measures and Renewable Energy Sources (RES) into critical public infrastructure was launched. Assistance offered under this crisis component is focus on supporting the long-term resilience of the local communities to ensure uninterrupted access to public services by reducing their energy consumption and/or transitioning to sustainable/alternative energy sources. Critical infrastructure supporting the delivery of public services, such as education, social or medical care, etc., were prioritized for this intervention.

In this respect a Call for local initiatives was launched in May 2025. The goal of the Call for proposals is to promote more self-sufficient, reliable, and cost-effective energy systems for local public administrations in Moldova’s security zone communities that reduce reliance on external providers and contribute to long-term sustainability. Through a competitive process three project proposals have been selected to be co-funded by M4EG including:

- Installation of photovoltaic panels to generate electricity for kindergarten No. 2 in Coșnița commune.
- Enhancement of the energy resilience of the drinking water supply system through the installation of photovoltaic panels at two water wells and the operational point, Molovata Noua commune.
- Installation of photovoltaic panels to generate electricity for kindergarten „Prichinel” in Firladeni commune.

II. Objective of the assignment

UNDP Moldova is seeking to contract a specialized and experienced company in the field of installation of photovoltaics panels (hereinafter „the Company”) to provide the works to install photovoltaics panels on the rooftop of the kindergarten No. 2 in Coșnița commune, on the rooftop of the kindergarten „Prichinel” in Firladeni commune and in vicinity of the two water wells in Molovata Noua, including the establishment of an operational point.

Works shall be carried out in accordance with the provisions of the detailed design and Bills of Quantities (BoQ) which are the part of Terms of Reference. The physical properties of the construction materials proposed by the contractors

shall be in accordance with the requirements of detailed design documentation and technical specifications provided in it, of the Bills of Quantities, with the technical guidelines, requirements and specifications provided by national building norms.

The construction materials delivered to the site must be accompanied by national certificates of conformity and/or European Certificates (EC) attesting the quality standards (especially for pylons, cable, photovoltaic panels, invertors, connectors, laptops). The contractor should also ensure that all materials to be used under the contract are coordinated, prior the execution, with the representatives of the technical supervisor, final Beneficiary and UNDP Moldova (M4EG) engineering staff who oversee the day-to-day supervision of the site and regular monitoring of the on-site works.

The Company taking part in the tendering procedure shall provide everything necessary for the successful performance of the contract. The Company shall ensure the supervision of the works on site by foremen certified according to the normative acts in force for the execution of restoration/rehabilitation/conservation works and for the execution of works in electrical installations and networks. The Company shall perform the works using the skilled labor, materials, mechanisms, machinery and equipment necessary to carry out the works specified in the Detailed design and BoQ Specifications. The Company shall comply with labor and site protection measures, carry out the necessary works in compliance with the restoration/rehabilitation/conservation rules and standards, to ensure the commissioning of works.

When developing BoQs, please be guided by the National Regulatory Framework in Construction as per NCM L.01.01-2012 and Regulation on the procurement of public works:

[OMDRC34/2013](#)

[NCM-L.01.01-2012-.pdf](#) https://www.legis.md/cautare/getResults?doc_id=92992&lang=ro

Serious deviations from the provisions of these documents will serve grounds for disqualification.

Please, ensure that no changes in the volume of works are allowed; no changes in codes for works are allowed; no changes in the volumes of resources in the norms of materials, cost of labor and tools are allowed; no changes in coefficient for norms are allowed.

Please, ensure that the human power remuneration is not less than medium required by the National Legislation in force (according to Ordinance nr. 14 of 10.02.2022, with the reference to the Approval of the Amendment CP L.01.02:2012/A2:2022 „Construction economics. Instructions for determining the estimate of expenses for construction salaries”) <https://ednc.gov.md/wp-content/uploads/2023/06/CP-L.01.02-2012-A2-072022.pdf>

Legal context:

- Law No. 139 (19.07.2018) on Energy Efficiency;
- Law No. 10 (26.02.2016) on promotion of Renewable Energy Sources;
- Law No. 128 (11.07.2014) regulating EE performance in buildings;
- Government Decision No. 896 (21.07.2016) including rules and norms for certification of energy performance in buildings;
- NCM A.07.02-2012 – “Procedure for developing, endorsing, approving and the framework-content of the design documentation for constructions
- NCM L 01.01-2012 “Rules for determining the value of construction sites”
- CP L 01.01 – 2012 “Guidelines for concluding bill of quantities for construction-assembling works using the resources method”
- Government Decision No. 936 from 16.08.2006 - Technical expertise of the buildings
- Government Decision No.884 from 27.11.2012 – Energy Audit.

In accordance with the detailed design documentation and bill of quantities the following works are to be made:

1. Installation services of photovoltaic systems *Installation of photovoltaic panels at the kindergarten no. 2 Cosnita commune, Dubasari district (60 kW)*

Based on designs approved and duly verified by the competent structures and institutions of the Republic of Moldova namely:

- Item No. 55/08.2025R-EEF - Installation of photovoltaic panels at the kindergarten no. 2 Cosnita commune, Dubasari district (60 kW)
- Item No. 030/06.2025 AEE - Installation of photovoltaic panels on vicinity of the water well nr.1 Molovata Noua commune, Dubasari district (30 kW).
- Item No. 031/06.2025 AEE - Installation of photovoltaic panels and the operational point on vicinity of the water well nr.2, Molovata Noua commune, Dubasari district (20 kW),
- Item No.2025/10/29 AEE - Installation of photovoltaic panels at the kindergarten "Prichindel" in Firladeni commune (40kW)

contractor will proceed with installation works, taking into account the following criteria:

- The contractor shall provide details of the manufacturer and the technical specifications for each item of equipment included in the design and quotation. This shall include details for all components/ parts of each installation such as PV modules, inverter, combiner box, including material to be used in the mounting structure, cabling, mounting hardware, meteorological equipment, metering equipment etc. Only one manufacturer/supplier for each item of equipment is accepted.
- The contractor shall be responsible for any systems that do not function correctly as a result of improper design and/or improper workmanship. The contractor shall also clearly specify the warranty of the system and where appropriate specific warranties for the main equipment.
- Installation and commissioning of Solar PV system including the smart metering system. The Contractor shall perform all associated civil, grid connection and construction works necessary for the complete installation of all equipment, including but not limited to mounting works, fixation, and anchoring.
- The contractor shall ensure on-grid connection of the equipment, including following all necessary procedures and operating necessary adjustments.

The volume of works to be carried out is indicated in the detailed design documents and Bill of Quantities (List of work volumes/BoQ).

2. Final acceptance and grid connection

Ensure proper on-grid connection of the PV systems, complying with all procedural steps and necessary adjustments. All associated costs shall be included in the offer.

The technical design and installation of the photovoltaic systems shall be carried out in full compliance with the following legislative acts, normative documents, and applicable standards of the Republic of Moldova, including but not limited to:

- Law No. 10/2016 on the promotion of the use of energy from renewable sources
- Law No. 124/2017 on electricity
- Law No. 721/1996 on quality in construction
- Government Decision No. 361/1996 on ensuring construction quality
- Government Decision No. 285/1996 on the approval of the Regulation on the acceptance of construction works and related installations
- HANRE No. 475/2021 – on the approval of the Regulation for commissioning of electrical installations
- HANRE No. 394/2019 – technical-normative document NE1-02:2019 "Safety norms for the operation of electrical installations"
- NCM A.08.02:2014 – Occupational safety and health in construction
- NCM G.01.02:2015 – Design and installation of electrical systems in residential and social buildings
- NCM G.01.03:2016 – Electrotechnical devices

- NCM A.07.03:2002 – Regulation on monitoring construction projects by the design author
- NCM G.02.02:2018 – Lightning protection for buildings and structures.
- CP A.08.01-96 – Instructions for the verification and acceptance of hidden and/or critical works in construction and related installations
- SM EN 50549-2:2019 – Requirements for generation units to be connected in parallel with distribution networks
- SM EN IEC 62446-2:2020 – Photovoltaic systems. Requirements for testing, documentation and maintenance. Part 2: Grid-connected systems – Maintenance
- Technical connection conditions issued by the Distribution System Operator (DSO)
- Fire safety, civil protection and environmental regulations applicable to energy infrastructure
- Manufacturer’s technical documentation and CE Declarations of Conformity for all equipment (PV panels, inverters, batteries, mounting structures, etc.)

Photovoltaic Installation Requirements

The following is a list of general recommendations should help the contractor to choose the right materials, equipment, and installation methods that will help ensure that the system will provide many years of reliable service.

1. Materials:

- Materials used outdoors should be sunlight/UV resistant
- Urethane sealants should be used for all non-flashed roof penetrations in case these penetrations are inevitable.
- Materials should be designed to withstand the temperatures to which they are exposed.
- Dissimilar metals (such as steel and aluminium) should be isolated from one another using non-conductive shims, washers, or other methods.
- Aluminium should not be placed in direct contact with concrete materials.
- Only high-quality fasteners should be used (stainless steel is preferred).
- Structural members should be either:
 - a. corrosion resistant aluminium, hot dip galvanized steel
 - b. stainless steel (particularly for hot and rainy environments).

2. Mounting and commissioning of the PV systems:

- All electrical equipment should be listed for the voltage and current ratings necessary for the application.
- All exposed cables or conduits should be sunlight resistant.
- All required overcurrent protection should be included in the system and should be accessible for maintenance.
- All electrical terminations should be fully tightened, secured, and strain relieved as appropriate.
- All mounting equipment should be installed according to manufacturers’ specifications
- All roof penetrations should be sealed with an acceptable sealing method that does not adversely impact the roof warranty (roof penetration must be avoided at maximum).
- All cables, conduit, exposed conductors, and electrical boxes should be secured and supported according to code requirements.
- PV Array should be free of shade between 9:00 a.m. and 4:30 p.m. This requirement includes even small obstructions such as vent pipes.
- That contractor liabilities related to warranty of the equipment will be towards the beneficiary Local Public Authorities – Cosnita, Molovata Noua and Firladeni

Vendor needs to carry out a site visit for the verification of required details and assessment of installation methods and structural rigidity (to avoid over stressed areas) of roof or slab for the PV panels. It is also required to check the spacing for electrical connections, metering, and monitoring equipment's.

Expected Results

In accordance with the detailed design documentation and bill of quantities the Contractor is expected to complete in a period of 60 calendar days since the date of contract signature the following works :

- Installation of photovoltaic panels at the kindergarten no. 2 Cosnita (60 kW),
- Installation of photovoltaic panels at the water well no.1, Molovata Noua (30 kW),
- Installation of photovoltaic panels and the operational point at the water well no.2, Molovata Noua (20 kW).
- Installation of photovoltaic panels at the kindergarten "Prichindel" in Firladeni commune (40kW)
- Final reception and on-grid connection of photovoltaic panels at the kindergarten no. 2 Cosnita (60 kW), Photovoltaic panels at the water well no.1, Molovata Noua (30 kW), Photovoltaic panels and the operational point at the water well no.2, Molovata Noua (20 kW) and at the kindergarten "Prichindel" in Firladeni commune

III. Institutional Arrangement

The sites are located in Cosnita, Molovata Noua and Firladeni communes. The interested bidders are invited to get acquainted with the locations:

- Cosnita commune, Dubasari District, Kindergarten no. 2. Pacii street, Director: Coica Nadejda.
- Molovata Noua commune, Dubasari District, Primaria, Victoriei, street, 72, Mayor: Gazea Maria.
- Firladeni commune, Causeni District, "Prichindel" kindergarten, Stefan cel Mare street, Mayor: Serghei Vengher.

The contractor will work under the guidance of the M4EG Project Manager in close cooperation with the Project Officer/Infrastructure. The contractor will report to the M4EG Project Manager.

The reporting on the work progress shall take place on a monthly basis through the submission of a Minutes of Acceptance of the works carried out during the preceding 30 calendar days. The minutes shall be signed by the Company Manager and the certified Site Foreman with the application of the stamps and forwarded for verification to the certified Technical Supervisor, the Beneficiary's permanent representative on site. Subsequently, the Minutes of Acceptance of the works carried out, signed by the certified Technical Supervisor, will be countersigned by the M4EG Project Officer / Infrastructure and submitted for verification and approval to the M4EG Project manager.

Final commissioning of the works in compliance with Regulation on the acceptance of construction works and related installations, approved by the Republic of Moldova Government Decision No 285 of 23.05.1996. Will be made after the expiry of the 1-year warranty period (**the full warranty period minimum 5 years**) from the date of commissioning at the end of the work.

Payments will be disbursed in several instalments, upon submission of invoices for the works performed and acceptance of respective milestones by UNDP designated representative as per the table mentioned in the ANNEX 3: TECHNICAL AND FINANCIAL OFFER – WORKS

Language requirements:

All communication and documentation, including catalogues, instructions, and operating manuals, related to the assignment should be in Romanian or Russian or English.

Confidentiality:

- All Confidential Information should be kept secret and not used for any purpose other than for the clauses mentioned in this document.

IV. Qualifications and experience requirements

- A legally registered entity.
- Minimum 3 (three) years of experience in civil works, with demonstrated experience in installing photovoltaic panels.
- Minimum 3 (three) completed contracts for provision of PVP services of installation works performed by the Proposer as main contractor in the past 3 years in the value not less than 40,000 US\$ each. Contact details must be provided.
- Average yearly turnover for the past three (3) years shall not be below 120,000 US\$ (in case of consortium applicable for lead company only).
- Sufficient human resources capability to qualitatively and timely execute the works - minimum key personnel:
 - a) Site manager/foreman for specialized works and installations related to constructions, University degree in Engineering, Electrical Networks or another related field, with at least 5 years of professional experience in PVP experience, Engineering, or other related field; Fluency in Romanian and Russian.
 - b) Engineer in electrical networks incl. external electricity networks - University degree in Electrical Network, Engineering, or another related field, at least 5 years of professional experience in Electrical Network, Engineering, or other related field; Fluency in Romanian and Russian.

During the assignment, the Contractor's team of experts should prove commitment to the core values of the United Nations, in particular, respecting differences of culture, gender, religion, ethnicity, nationality, language, age, HIV status, disability, and sexual orientation, or other status. UNDP Moldova is committed to workforce diversity. Women, persons with disabilities, Roma and other ethnic or religious minorities, persons living with HIV, as well as refugees and other non-citizens legally entitled to work in the Republic of Moldova, are particularly encouraged to apply. Applicants demonstrating equitable gender representation and diversity within the team will have an advantage.

V. Other Related Requirements

Further to the Schedule of Requirements/Scope of Works above, Bidders are requested to take note of the following additional requirements, conditions, and related services pertaining to the fulfilment of the requirements:

Delivery Term [INCOTERMS 2010]	DDP
Exact Address of Delivery/Installation Location	<ol style="list-style-type: none"> 1. Cosnita commune, Dubasari District, Kindergarten no. 2. Pacii street, Director: Coica Nadejda. 2. Molovata Noua commune, Dubasari District, Primaria, Victoriei, street, 72, Mayor: Gazea Maria. 3. Firladeni commune, Causeni District, "Princhindel" kindergarten, Stefan cel Mare street, Mayor: Serghei Vengher.
Customs, if required, clearing shall be done by:	Supplier
Work Requirements	All the installation works must be carried out in accordance with national/local standards regarding restoration/ rehabilitation/ conservation works.
Commissioning of the works	<p>Two stages of commissioning:</p> <p>Commissioning at the end of the works;</p>

	<p>Final commissioning after 1-year warranty period;</p> <p>All stages of the commissioning of the works must be initiated by the Contractor</p>
Warranty Period	<ul style="list-style-type: none"> • Written declaration regarding warranty period on works and materials used, not less than 5 (five) years. • Written and signed statement of minimum 5 years of general warranty for the entire PV system. The warranty should include the due maintenance to ensure the reliable and efficient operation of the PV system and elimination of defects/malfunctions that occur during the warranty period. • Written and signed statement of minimum 10 years warranty for inverters. • Written and signed statement of panel yield warranty of minimum 25 years (minimum 80% performance)
Technical Support Requirements	The contracted company will eliminate any object damages subject of quality guaranty in a maximum 10 days from the moment of written notification
Insurance of Works*	Before commencing the execution of the Works, but without limiting his obligations and responsibility, the Contractor shall insure the Works for all risks stipulated by Clause 21 of UNDP General Conditions of Contract for Civil Works in amount of 110% of the total estimated price of the Contract.
Liability Insurance**	Before commencing the execution of the Works, but without limiting his obligations and responsibility, the Contractor shall provide a Liability Insurance in accordance with Clause 23 of UNDP General Conditions of Contract for Civil Works for a minimum amount of 15% of the total estimated price of the Contract.
Pricing	The contract is based on unit price, and the final price of the Contract will be determined on the basis of actual quantities of work utilized in the complete and satisfactory performance of the Works as certified by the Engineer and the unit prices contained in the Contractor's financial proposal. Such unit prices are fixed and are not subject to any variation whatsoever. Bidders shall quote reasonable bid prices with an acceptable margin of deviation in comparison to the local market prices at the time of bids preparation. In case of unbalanced pricing (i.e. despite an acceptable total evaluated price, the price of one of more BoQ line items is significantly over- or underpriced), UNDP have the right to reject the unbalanced bid if it determines that the lack of balance does pose an unacceptable risk to UNDP).
Payment Terms	The Contractor shall submit invoices (reflecting the work performed under each milestone as accepted by UNDP) and a final invoice not later than 30 days from the issuance of the Certificate of commissioning at the end of the works by the M4EG Project Officer. UNDP shall effect payment of the invoices after receipt of the certificate of payment issued by the site Technical supervisor, approving the amount contained in the invoice. The Technical supervisor may make corrections to that amount, in which case UNDP may effect payment for the corrected amount. The M4EG project manager may also withhold invoices if the work is not performed

	<p>at any time in accordance with the terms of the Contract or if the necessary insurance policies or performance security are not valid and/or in order. The M4EG shall process the invoices submitted by the Contractor within 15 days of their receipt. Invoices will be paid within thirty (30) days of the date of their receipt and acceptance by UNDP.</p> <p>So as to ensure the liquidated damages retention (in case applied) (as per point 9 of Section 3: Bid Data Sheet), the last invoice shall not be less than 10% of the total contract amount.</p>
<p>All documentations, including catalogues, instructions and operating manuals, shall be in these languages</p>	<p>Romanian or Russian or English</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:	RfQ25/ 03191 Installation of Photovoltaic Systems in Cosnita, Molovata Noua and Firladeni	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 through some other means, for example internal company policy documents on women	<input type="checkbox"/> Yes <input type="checkbox"/> No

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				
Minimum 3 (three) completed contracts for provision of PVP services of installation works performed by the Proposer as main contractor in the past 3 years in the value not less than 40,000 US\$ each. Contact details must be provided.				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value <i>(insert currency)</i>	Period of activity <i>(month/year)</i>	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

Yes	No	
		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 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 – WORKS

Bidders are requested to complete this form, sign it and return it as part of their quotation 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:	Click or tap here to enter text.	
RFQ reference:	RfQ25/ 03191 Installation of Photovoltaic Systems in Cosnita, Molovata Noua and Firladeni	Date: Click or tap to enter a date.

Technical Offer

Provide the following:

- a brief description of your qualification and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;
- team composition and CVs of key personnel.

Financial Offer

Currency of the Quotation: Moldovan Leu (MDL) for local companies or US Dollars (USD) for international companies

Description of Works	Total Price <i>(insert currency)</i> (VAT 0%)
Milestone 1: Installation, final reception and on-grid connection of photovoltaic panels at the kindergarten no. 2 Cosnita - 60 kW	
Milestone 2: Installation, final reception and on-grid connection of photovoltaic panels at the water well nr.1, Molovata Noua - 30 kW	
Milestone 3: Installation, final reception and on-grid connection of photovoltaic panels and the Operational Point at the water well nr.2, Molovata Noua - 20 kW	
Milestone 4: Installation, final reception and on-grid connection of photovoltaic panels at the "Prichindel" kindergarten, Firladeni - 40 kW	
<i>Other costs (cost of insurances, Insurance of works, Liability insurance)</i>	
TOTAL and All-inclusive PRICE (VAT 0%) <i>(insert currency)</i>	

Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Delivery Lead Time - up to 60 calendar days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation - 90 calendar 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.
Minimum warranty on works and materials: 5 years	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.



All the works must be carried out in accordance with national/local standards regarding civil works	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
<i>Technical Support Requirements</i> The contracted company will eliminate any infrastructure damages subject to quality guaranty in maximum 10 days from the moment of written notification	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
All Provisions of the UNDP General Terms and Conditions accepted	<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.	
<p><i>Exact name and address of company</i></p> <p>Company Name: Click or tap here to enter text.</p> <p>Address: Click or tap here to enter text.</p> <p>Phone No.: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>	<p>Authorized Signature: _____</p> <p>Date: Click or tap here to enter text.</p> <p>Name: Click or tap here to enter text.</p> <p>Functional Title of Authorised Signatory: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>