

## REQUEST FOR QUOTATION NO. RFQ25/03012:

**Model School / Development of detailed technical design documentation for the capital repair and modernization of the “Ion Creangă” Lyceum from Ungheni town**

### SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP through the **NorAd, Transforming Education in Moldova through Model School project**, kindly requests your quotation for the **Request for Quotation no. RFQ25/03012: Model school/ Development of detailed technical design documentation for the capital repair and modernization of the “Ion Creangă” Lyceum from Ungheni town**, 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

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-00701** and subscribe to the tender 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/redwood/supplier-registration/register-supplier/register-supplier-verification>

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](mailto: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](mailto: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](mailto: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 the last minute. If the Bidder faces any issue during submitting offers at the last minute 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 an 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

<b>Introduction</b>	<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 <a href="#">UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</a></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>
<b>Deadline for the Submission of Quotation</b>	<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 <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a>.</p>
<b>Method of Submission</b>	<p>Quotations must be submitted as follows:</p> <p>NextGenERP supplier portal following this link: <a href="http://supplier.nextgenerp.partneragencies.org/">http://supplier.nextgenerp.partneragencies.org/</a> 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><a href="https://estm.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000127715297&amp;_adf.ctrl-state=8godmwdd9_239&amp;_afLoop=7321111756612874&amp;_afWindowMode=0&amp;_afWindowId=null&amp;_af_rFS=16&amp;_afrMT=screen&amp;_afrMFW=1920&amp;_afrMFH=880&amp;_afrMFDW=1920&amp;_afrMFDH=1080&amp;_afrMFC=8&amp;_afrMFCI=0&amp;_afrMFM=0&amp;_afrMFR=96&amp;_afrMFG=0&amp;_afrMFS=0&amp;_afrMFO=0">https://estm.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuld=300000127715297&amp;_adf.ctrl-state=8godmwdd9_239&amp;_afLoop=7321111756612874&amp;_afWindowMode=0&amp;_afWindowId=null&amp;_af_rFS=16&amp;_afrMT=screen&amp;_afrMFW=1920&amp;_afrMFH=880&amp;_afrMFDW=1920&amp;_afrMFDH=1080&amp;_afrMFC=8&amp;_afrMFCI=0&amp;_afrMFM=0&amp;_afrMFR=96&amp;_afrMFG=0&amp;_afrMFS=0&amp;_afrMFO=0</a></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"> <li>▪ File Format: All attachments must be in PDF format unless otherwise instructed by UNDP.</li> <li>▪ File names must be in Latin alphabet/keyboard and clearly indicate the content of the document to facilitate review.</li> <li>▪ All files must be free of viruses and not corrupted.</li> </ul>
<b>Cost of preparation of quotation</b>	<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>
<b>Supplier Code of Conduct, Fraud, Corruption,</b>	<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 <b>principles on labour, human rights, environment and ethical conduct</b> may be found at: <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a></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 <a href="http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti">http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti</a></p>

<b>Gifts and Hospitality</b>	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.
<b>Conflict of Interest</b>	<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>
<b>Currency of Quotation</b>	Quotations shall be quoted in the currency indicated in the portal.
<b>Joint Venture, Consortium or Association</b>	<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 <a href="#">Solicitation policy</a> for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
<b>Only one Bid</b>	<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"> <li>) 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</li> <li>b) they have the same legal representative for purposes of this RFQ; or</li> <li>) 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.</li> <li>) 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</li> <li>) 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.</li> </ul>
<b>Price variation</b>	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.

<b>Alternative Quotes</b>	If an 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.
<b>Contact Person for correspondence, notifications and clarifications</b>	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.
<b>Right not to accept any quotation</b>	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
<b>Right to vary requirement at time of award</b>	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.
<b>Publication of Contract Award</b>	UNDP will publish the contract awards on the websites of the CO and the corporate UNDP Web site.
<b>Policies and procedures</b>	This RFQ is conducted in accordance with <a href="#">UNDP Programme and Operations Policies and Procedures</a>
<b>UNGM registration</b>	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 <a href="http://www.ungm.org">www.ungm.org</a> . 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

<b>General Conditions of Contract</b>	<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:  <input checked="" type="checkbox"/> <a href="#">General Terms and Conditions for Contracts (for Goods and/or Services)</a>            Applicable Terms and Conditions and other provisions are available at <a href="#">UNDP/How-we-buy</a></p>
<b>Special Conditions of Contract</b>	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days.</p> <p><input checked="" type="checkbox"/> <b>Liquidates damages</b> shall be imposed as follows:            Percentage of contract price per day of delay: 0.33% up to a maximum of 30 days, after which UNDP may terminate the contract.</p>
<b>Duties and taxes</b>	<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:  <input checked="" type="checkbox"/> <b>be exclusive of VAT and other applicable indirect taxes</b></p>
<b>Eligibility</b>	<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>
<b>Language of quotation</b>	<p>English, Romanian or Russian            Including supporting documentation as applicable.</p>
<b>Quotation validity period</b>	<p>Quotations shall remain valid for <b>90 days</b> from the deadline for the Submission of Quotation.</p>
<b>Partial Quotes</b>	<p><input checked="" type="checkbox"/> Not permitted</p>
<b>Alternative Quotes</b>	<p><input checked="" type="checkbox"/> Not permitted</p>
<b>Payment Terms</b>	<p><input checked="" type="checkbox"/> Payment per deliverable contingent upon receipt of goods, works and/or services and submission of payment documentation.            Schedule of payments to be agreed before contract signature.</p>
<b>Conditions for Release of Payment</b>	<p><input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements</p>
<b>Clarifications</b>	<p>Bidders must send their inquiries and requests for clarifications using the messaging functionality in the portal.</p> <p><b>PLEASE PAY ATTENTION: QUOTES SHALL NOT BE SUBMITTED TO ANY EMAIL ADDRESS BUT ONLY THROUGH THE PORTAL.</b></p> <p>Requests for clarification from bidders will not be accepted any later than <b>3 (three) days</b> before the submission deadline. Responses to request for clarification will be <b>communicated</b> directly in the portal.</p>

<p><b>Documents to be submitted</b></p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed</li> <li><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 detailing the experience of the company, proposed methodology, approach, and implementation timeline to complete the assignment, and key personnel proposed</li> <li><input checked="" type="checkbox"/> Company Profile, including detailed portfolio/previous corporate experience in similar fields related to the assignment</li> <li><input checked="" type="checkbox"/> Copy of registration documents</li> <li><input checked="" type="checkbox"/> List of completed and/or ongoing contracts for similar design services undertaken within the past five (5) years including the following information: <ul style="list-style-type: none"> <li>• Name of previous contracts</li> <li>• Client &amp; Reference Contact</li> <li>• Details including e-mail.</li> <li>• Contract Value Period of activity</li> <li>• Types of services undertaken</li> </ul> </li> <li><input checked="" type="checkbox"/> Copies of minimum three (3) similar contracts related to design services for rehabilitation/modernization of educational institutions or any other social public buildings, including engineering systems (heating, ventilation, air-conditioning, electricity, low voltage, video security, anti-fire warning, internet, water/sewerage, land development, etc.), undertaken in the past 5 (five) years</li> <li><input checked="" type="checkbox"/> Quality Certificates (ISO, etc.) if available</li> <li><input checked="" type="checkbox"/> List of qualified key personnel together with CVs and professional <u>technical certificates as designers (Certificat de atestare tehnico-profesională), issued by the national regulation authority in construction of Republic of Moldova (valid at the date of presentation):</u> <ul style="list-style-type: none"> <li>• 1 (one) Task Manager- attested as Architect.</li> <li>• 1 (one) Attested structural design specialist.</li> <li>• 1 (one) Attested designer licensed in Internal/External Electricity Networks.</li> <li>• 1 (one) Attested designer licensed in heating, ventilation, air-conditioning, and smoke evacuation systems.</li> <li>• 1 (one) Attested designer licensed in natural gas systems.</li> <li>• 1 (one) Attested designer licensed in water supply/sewerage networks.</li> <li>• 1 (one) Attested designer licensed in low voltage networks, access control system, video surveillance system.</li> <li>• 1 (one) Attested designer licensed in fire safety measures (MASI).</li> <li>• 1 (one) Attested Cost estimator.</li> </ul> <p><b>Relevant experience shall be duly stated in the attached CVs.</b></p> </li> <li><input checked="" type="checkbox"/> Chart for provision of services (Implementation Plan), for example GANTT</li> <li><input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top 3 (three) clients in terms of Contract value in similar field</li> <li><input checked="" type="checkbox"/> Financial Statements (Income Statements and Balance Sheets) for the past 2 (two) years (2022, 2023)</li> </ul>
<p><b>Evaluation method</b></p>	<p><input checked="" type="checkbox"/> UNDP will award a contract to one Bidder. The Contract will be awarded to the lowest price and substantially compliant offer based on the conducted evaluation.</p>
<p><b>Evaluation criteria</b></p>	<p>The <b>evaluation of quotations shall be conducted</b> in accordance with Evaluation criteria listed below. Bidders must meet all these criteria to be deemed technically qualified and responsive. In the case of <b>consortiums</b>, all criteria listed below shall apply towards the Lead Member.</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1</li> <li><input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract</li> <li><input checked="" type="checkbox"/> Minimum five (5) years of experience in the field of design of social infrastructure objects</li> <li><input checked="" type="checkbox"/> Minimum three (3) similar contracts related to design services for rehabilitation/modernization of educational institutions or any other social public buildings, including engineering systems (heating, ventilation, air-conditioning, electricity, natural gas distribution system, low voltage, video security, anti-fire warning, internet, water/sewerage, land development, etc.), undertaken in the past 5 (five) years</li> <li><input checked="" type="checkbox"/> Maximum delivery period not to exceed 240 calendar days upon signature of contract</li> <li><input checked="" type="checkbox"/> Sufficient human resources capability to qualitatively and timely execute the works. Minimum key-</li> </ul>

	<p>personnel with <u>valid technical certificates as designers (Certificat de atestare tehnico-profesională), issued by the national regulation authority in construction of Republic of Moldova that will perform works in line with the legislation of Republic of Moldova:</u></p> <ul style="list-style-type: none"> <li>• 1 (one) Task Manager- attested as Architect.</li> <li>• 1 (one) Attested structural design specialist.</li> <li>• 1 (one) Attested designer licensed in Internal/External Electricity Networks.</li> <li>• 1 (one) Attested designer licensed in heating, ventilation, air-conditioning, and smoke evacuation systems.</li> <li>• 1 (one) Attested designer licensed in natural gas systems.</li> <li>• 1 (one) Attested designer licensed in water supply/sewerage networks.</li> <li>• 1 (one) Attested designer licensed in low voltage networks, access control system, video surveillance system.</li> <li>• 1 (one) Attested designer licensed in fire safety measures (MASI).</li> <li>• 1 (one) Attested Cost estimator.</li> </ul> <p>The proposed key personnel shall have experience in design development services. The CVs shall contain proof of coherent experience to the position sought.</p>
<p><b>Type of Contract to be awarded</b></p>	<p><input checked="" type="checkbox"/> <a href="#">Contract Face Sheet (Goods and-or Services)</a></p>
<p><b>Expected date for contract award</b></p>	<p>30 April 2025</p>



## ANNEX 1: SCHEDULE OF REQUIREMENTS / TERMS OF REFERENCE

### Development of detailed technical design documentation for the capital repair and modernization of the “Ion Creangă” Lyceum from Ungheni town

#### Background

The Moldovan education system faces a complex array of challenges, including underperforming rural schools, an inefficient school network, resource shortages, and a significant teacher deficit. Despite allocating 5.8% of GDP to education, schools remain underfunded and lack basic infrastructure upgrades and educational technologies. Many rural school facilities are so outdated that they fail to meet basic sanitation and hygiene standards. Rural school children have limited access to water, sanitation, and hygiene facilities in their schools. This fragmentation impacts student performance, as evidenced by the 2022 PISA results showing significantly better outcomes in larger schools compared to smaller, predominantly rural ones.

In response, the Ministry of Education and Research (MER) is focusing on optimising the school network by transforming larger district schools into Model Schools. Initially, 35 schools will be targeted, one per district/municipality, to serve as featuring modern infrastructure, high-quality teaching staff, modern equipment, inclusive management, and school buses for transportation. To attract students from smaller schools, families are incentivized with free transportation and a monthly allowance for a period of two years.

UNDP's proposed support for the Model School network includes transforming additional fifteen schools, of which five with support of The Norwegian Agency for Development Cooperation (NORAD). The overall goal is to enhance the quality and efficiency of Moldova's education system through (1) significant gender and disability responsive renovation works to create modern, green, inclusive learning environments with upgraded infrastructure and new furniture and (2) supporting curricular reform, strengthening initial teacher training, and enhancing local education governance, focusing on developing relevant curricula, providing continuous professional development for teachers, and improving school autonomy and management.

In the first stage, it is proposed to renovate the exact science laboratories in those 35 Model Schools. Thus, the works to modernize the educational infrastructure in the respective schools will start with the chemistry, physics, biology, mathematics laboratories. After the rehabilitation, it is planned to be expanded in the spaces that house the libraries.

In parallel, the government of the Republic of Moldova has obtained financial resources to carry out the total rehabilitation of 6 schools from the list of, respectively in these institutions the repair and furnishing of furniture and equipment is planned for all spaces that include primary classes (1-4), middle school classes (5-9) and high school classes (10-12), as well as the spaces and lands adjacent to them that contain the sports infrastructure (fields, halls, etc.), recreation spaces with outdoor green areas, spaces intended for festive activities, large capacity events hall for multi-functional events etc.

#### Objective of the assignment:

The main objective of this assignment is to identify a design company to develop the detailed technical design documentation for improving the learning environment/conditions, within the Theoretical Lyceum “Ion Creangă” from Ungheni town located at 151, Stefan cel Mare str., cadastral no. 9201110378, based on the *“Concept of Model school”* 1 and the *“Implementation guide”* 2 of the Ministry of Education and Research (MER).

1: [https://mecc.gov.md/sites/default/files/anexa\\_2\\_omec\\_198\\_din\\_2024\\_concept\\_scoala\\_model.pdf](https://mecc.gov.md/sites/default/files/anexa_2_omec_198_din_2024_concept_scoala_model.pdf)

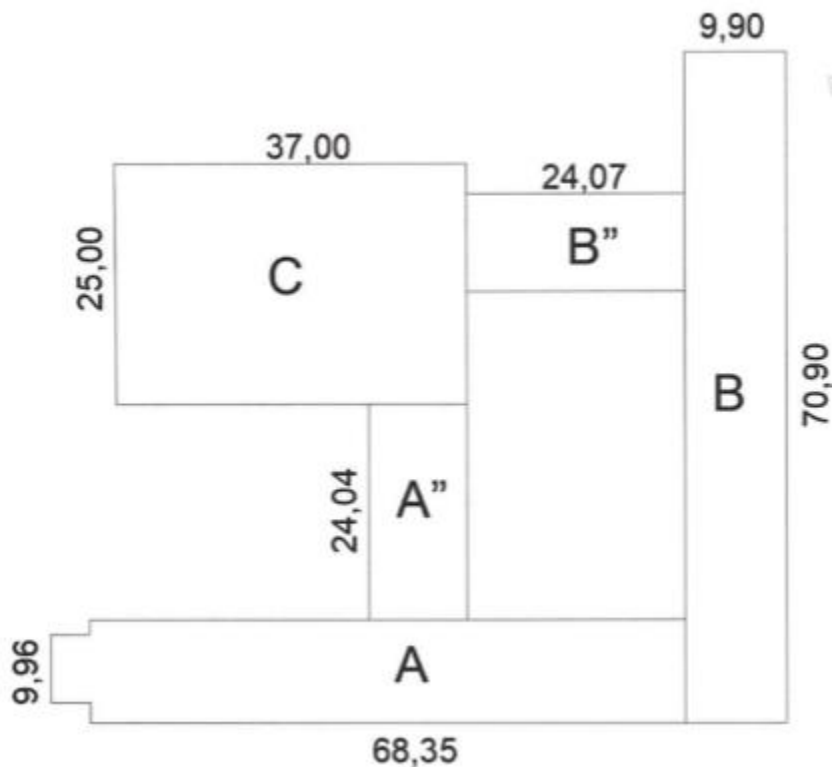
2: [https://mecc.gov.md/sites/default/files/anexa\\_1\\_omec\\_nr\\_434\\_din\\_29.03.2024\\_ghid\\_de\\_aplicare\\_si\\_implementare\\_a\\_conceptului\\_scolii\\_model.pdf](https://mecc.gov.md/sites/default/files/anexa_1_omec_nr_434_din_29.03.2024_ghid_de_aplicare_si_implementare_a_conceptului_scolii_model.pdf)

More specifically, the detailed technical design will refer to full capital repair and modernization of educational building which consist of 3 blocks and 2 access galleries and **construction of the one new auxiliary building- for boiler shop** (Block A – primary and gymnasium classes, block B – gymnasium and lyceum classes, block C – sport, events hall, canteen with kitchen, workshops) and land improvement solutions for all the lyceum yard area. Detailed design documentation for repair and modernization works of Theoretical Lyceum “Ion Creangă” from Ungheni town, will also include full replacement of all engineering systems, such as: heating, ventilation, air-conditioning, water and sewerage, electricity, low voltage nets, video security, anti-fire warning, internet and construction of the new **external and internal natural gas** distribution system, **external heating magistral pipes**, construction and supply with equipment of the new boiler shop. The detailed design for the land improvement works will include development of the sports facilities (soccer, basket, work out, etc), recreation area, pergolas for outdoor activities, amphitheatre, greenhouse, pavement of the central plateau and access paths, fence, street lightning etc.

Participation to this RFQ process is open to all registered architectural and/or engineering companies that have both, the required experience and knowledge of the design norms and requirements applicable in the Republic of Moldova.

**Description of the object:**

The school building, with 3 blocks, 2 access galleries and auxiliary building (external toilet), of the target educational institution is located on the land of the "Ion Creangă" Theoretical Lyceum in the Ungheni town, 151, Ștefan cel Mare str., registered with cadastral number 9201110378. The school building consist with Block A – primary and gymnasium classes – rectangular building with dimension 68.35x9.96m (external dimensions) with 3 levels with structure from reinforced prefabricated elements (pillars, beams, slabs) and external/internal walls from large prefabricated concrete panels, Block B – gymnasium/ lyceum classes – rectangular building with dimension 70.9x9.9m (external dimensions) with 3 levels with



structure from reinforced prefabricated elements (pillars, beams, slabs) and external/internal walls from large prefabricated concrete panels, block C – sport, events hall, canteen with kitchen, workshops - rectangular building with dimension 37x25m (external dimensions) with 2 levels with structure from reinforced prefabricated elements (pillars, beams, slabs) and external/internal walls from large prefabricated concrete panels. The block A with C and block B with C are connected through the galleries, from A to C the rectangular gallery with dimension 24.04x9.6m (external dimensions) with 2 levels and

from B to C rectangular gallery with dimension 24.07x9.6 m (external dimensions), with 2 levels, all the galleries are with structure from reinforced prefabricated elements (pillars, beams, slabs) and external/internal walls from large prefabricated concrete panels. All three blocks and galleries have hipped roof, covered with asbestos plates.

Auxiliar school building consist of: External toilet with cesspool without cadastral number– 28.0m<sup>2</sup> with structure from prefabricated concrete blocks, bitumen roof. Building is out of service more than 10 years, and it is plane to demolish it.

### ***I. Location and dimensions of the territory:***

*Location:* 151, Ștefan cel Mare str., Ungheni town.

*Domain:* Public.

*Area:* 1,62 ha.

*Mode of use:* For constructions.

### ***II. Location and dimensions of school building:***

*Location:* 151, Ștefan cel Mare str., Ungheni town.

*Domain:* Public

*Property manager:* "Ion Creangă" Theoretical Lyceum, 151, Ștefan cel Mare str., Ungheni town. (By loan agreement no. 22, from 01 April 2022 with Ungheni town mayoralty).

#### ***a) School building***

*Mode of use:* Educational construction

*No. cadastral register of buildings:* 9201110378.01

*Floor area at the ground level:* 2680,57 m<sup>2</sup>

Total floor area: Total usable area: 6833,9 m<sup>2</sup>; (Block A (primary/gymnasium classes) 3 levels - total S 2006,4m<sup>2</sup>, gallery between block A and C (A") 2 levels 476.6m<sup>2</sup> , Block B (gymnasium/lyceum classes) 3 levels - total S 2110.0m<sup>2</sup>, gallery between block B and (B") 2 levels 476.0m<sup>2</sup>, Block C (cafeteria, sports hall, festive hall etc.) 2 levels with a total area of 1764.9m<sup>2</sup>.

#### ***b) External toilet***

*Mode of use:* Toilet with cesspool

*No. cadastral register of buildings:* without registration number

*Floor area at the ground level:* 28.0 m<sup>2</sup>

Total floor area: 28.0m<sup>2</sup>

### ***III. Building data:***

*Foundation* - from FS blocks

*Structure* - structure from bricks masonry and reinforced concrete pillars, beams and prefabricated slabs;

*Walls* - from bricks masonry and reinforced concrete pillars;

*Slabs* - from prefabricated panels;

*Roof* - wood frame hipped type, covered with asbestos plates.

*Engineering systems:*

*Exterior heating network* - connected to the town network;

*External electrical network* - connected to the town network;

*Water network* - centralized, connected to the town network;

*Sewage network* - centralized, connected to the town network;

*Natural gas supply* – the building is not connected but it is plane to build a new boiler shop;

*There is fiber optic internet and telephone.*

To achieve the objective of this assignment, the appointed company will be responsible to carry out all the technical design related works, including site inspection and measurement works, drafting, coordinating, endorsing and verification of the design documentation and specifications as established in the legislation in force, organizing author's supervision activities during project implementation, as well. The winning company will support Beneficiary in obtaining of the permissive pre-design technical documentation, such as: drawings, schemes, urbanism certificate, technical conditions for getting connected to the existing water, sewerage, power supply, and new connections to natural gas system, anti-fire warring networks, etc. from the Mayoralty and specialized service providers from Ungheni town.

Besides that, the winning company will receive from UNDP typical/conceptual interior design solutions for all existing interior premises: classrooms, laboratories, corridors and recreation premises, libraries, canteen, etc., and recommended placement of furniture, and didactical equipment which were obtained from implementation of previous phases. Based on the models selected by the project Working Group, consisting of: Beneficiary, UNDP/Model Schools Project, and MER representatives, the design company will draw up specifications and the technical parameters of the agreed premises, type and chromatic solutions of the recommended finishing materials, furniture items and technological equipment.

The Contractor will develop the design documentation applying the most efficient technical solutions for proposed capital rehabilitation/modernisation of the educational institution infrastructure, based on the type and technical characteristics of each infrastructure (buildings, adjacent area), and required scope of rehabilitation/modernisation works.

The design services will also identify and provide the best opportunities/options for sustainable use, operation and functioning of the rehabilitated infrastructure, proposing modern environmentally friendly and sustainable materials, equipment, technologies, according to the international standards in the field, as well as according to actual standards for implementation of "Model schools".

Based on the technical documentation and specifications, estimates and bill of quantities, drafted by the design company, and properly verified, coordinated, and approved, a tender will be launched, to select the entrepreneurs to carry out the capital rehabilitation/modernisation works.

### **Design requirements:**

The content of the technical design documentation shall be set up in correspondence with national building codes: NCM A.07.02-2012. The developed design documentation will correspond to phase Execution Project – Detailed design documentation (Proiect de execuție). The selected Contractor will render its services for the development of clear and complete designs including, but not limited to, the following:

1. **Statement of Works (SOW) (Memoriul explicativ detaliat)** with narrative description of designed technological solutions, units of the main equipment, furniture and materials, specifications on how the capacity of technical engineering systems/utilities, etc. were estimated.

2. **Drawings:** Complete detailed construction drawings of all works and equipment in sufficient detail for tendering, contractual and construction purposes. All drawings shall be presented in electronic (Autocad and PDF) format and on appropriate paper support. All drawings should be clear, sharp, and accurate. Symbols and abbreviations should be defined in a legend. Isometric drawings for the internal heating, ventilation, natural gas, water supply and sewerage systems will also be part of the design assignment.

3. **Bill of Quantities (BOQ):** Will be developed in accordance with "Resource methodology" provided by Moldavian building norms. Complete all items of work with adequate description for each item. The quantities for all work items should be based on actual take-off calculation and not based on estimates.

All BOQs shall be presented in electronic and paper format and additionally in spreadsheet format, preferably MS Excel.

**Important:** *The BOQs and cost estimates should be entirely presented (exclusively in Romanian), in the following formats: Form 2.*

4. **Specifications:** Comprehensive and up to date technical specifications, in accordance with current model school standards, best practices, for all works and equipment based on internationally accepted standards and sufficient for procurement, as well as installation and construction works.

5. **Documentation** of all design literature and design calculations for all civil, structural works, planning, connections to utilities, electrical, automation, heating, ventilation, and mechanical works.

**Important:** *The environmental chapter with detailed recommendations and measures for protection of the environment will also be part of the design assignment.*

6. **Cost estimations:** comprehensive estimation of involved costs considering all necessary labour and materials based on current prices available on the local market and manpower remuneration, which shall not be below the minimum required by the National Legislation.

**Important:** *The cost estimates should be entirely presented (exclusively in Romanian), in the following formats: Form 7, Form 5 and Form 3. Please note that additionally Form 7 should be submitted in Excel.*

**Important:** *The documents, the Drawings and Specifications, shall be of sufficient detail to enable construction works to proceed without need for on-site instructions and selection of materials, construction assembly, layout or location of any element or feature.*

The designs should comply with the local legislation State Building Codes and Regulations, standards and specifications, local building regulations and shall also ensure:

1. reliable and safe operation of recommended equipment, materials, and engineering systems.
2. water supply and water treatment performance and requirements.
3. optimal energy efficiency solutions of rehabilitated facilities and systems.
4. cost efficiency in terms of construction, operation, and maintenance.
5. compliance with actual standards for model schools.
6. compliance with health and safety requirements.
7. compliance with environmental protection requirements.

#### **Key tasks and expected outputs:**

In accomplishing the assignment, the Contractor commonly shall be responsible for undertaking all the necessary activities for turning out complete designs and tender documents for rehabilitation and putting into operation the sites with internal/external power, electrical lighting, heating, ventilation, water supply and sanitation systems, low voltage nets, anti-fire warning nets, including, but not limited to, the following tasks:

1. Topographical survey (1.62 ha) of adjacent territory for further land developments, greening, etc.
2. Inspection of buildings roofs, facades, entrances and all existing interior rooms, classrooms, corridors, and recreation premises, etc., for all the blocks, galleries and auxiliary building to determine the volume of rehabilitation works and proper location of heating, ventilation, electrical, low voltage, water supply, sewerage, and sanitary networks and equipment.
3. Development of the site measurement drawings.
4. Development of the Technological Compartment of the design documentation, solution for premises partitioning, placement of the furniture and educational equipment for classrooms, laboratories, toilets, recreation area, corridors, rooms for teacher recreation, events hall, administrative staff premises etc.

5. Evaluate and update the technical conditions for the connection to the natural gas networks, water and sewerage networks, thermal networks, low voltage networks and electricity (by case).

6. Solution for improving the design of buildings (for each block of school building) entrances and spaces (adaptation for person with special needs), thermally isolation and decoration of facades, insulation of roof ceiling (if necessary), insulation of basement ceiling, etc.

7. **Design of the new boiler shop**, with new thermomechanical equipment, connection to utility networks, new natural gas system, external magistral heating pipe, fire safety measures etc.

8. Designs of new engineering systems, including heat, thermal networks, ventilation, power and electrical lighting, low voltage systems design (CCTV, control access, anti-fire warning system, etc), electrical ground connection system, potable and hot water supply, sewerage, etc as internal and external (on site) one.

9. The detailed general plan (landscaping solutions) of the whole lyceum territory include access paths from the other school facilities, landscaping, greening, setting up the sports fields and rainwater evacuation drainage supply, irrigation infrastructure, green house, parking places, central plateau for festive events etc.

10. Design of the organization of construction site (DOC).

11. Development of a compartment with environmental protection requirements and recommendations.

12. Development of bill of quantities and preliminary cost estimates.

13. Dividing the design documentation and BoQ into implementation stages.

14. Provision of author's supervision during implementation of detailed design.

15. Participate in the preliminary and final commissioning committee.

#### **The content of the presented project documentation shall include:**

The content of the presented project documentation and cost estimates will be in accordance with the national legal framework. Thus, each compartment, for the repair/modernisation of the building (all three blocks, and two galleries) and its adjacent territory will contain (by case):

**Detailed executions drawings (Planșele proiectului de execuție) and explanatory notes (Memoriu explicativ)**, will be divided in the following chapters:; Architectural solutions (SA); Chapter with educational process technological solutions (TH which will contain the placement of furniture and educational equipment) Interior (IA), class, laboratories, recreation premises façades etc.; environmental protection and accessibility for people with special needs; Reinforced concrete constructions (CBA) (if necessary); Heating, ventilation and air conditioning (IVC); Internal (RAC) and external (if necessary) (REAC) water supply and sewage networks; Thermal networks (interior and exterior) (RT); External and internal natural gas networks; Automation of heating, ventilation and air conditioning (AIVC); Outdoor electric lighting (IEE); Interior electric lighting (IEI); Internal electricity supply networks (RIAE); Indoor and outdoor electrical automation (AE); External electricity supply (REAE) if necessary; Automation of electronic communication networks (ARCE) (cable internet, Wifi, doorbell and central radio, video surveillance, indoor and outdoor electric lighting); Electronic communications networks (RCE) (cable internet, WiFi, bell and central radio, video surveillance, indoor and outdoor electric lighting); Lightning protection (PT); Fire and security signalling (SIP) (including access to the territory and the institution); Fire safety measures (MASI); Organization of construction works (OLC); Landscape design/detailed general plan for the all adjacent territory, setting up of the sport fields and outdoor recreation area, amphitheatre, greenhouse, fence etc.; Terms of reference for construction works, procurement and construction materials.

**Verification report / Verification notice** of the execution project on separate compartments; Verification report / Notice of verification of the estimate documentation.

**Important:** The verification report will be presented as consolidated one.

Within one week after signing the Contract, the design company will coordinate and sign the design theme (Tema de proiect) with beneficiary and UNDP. The Model School infrastructure manager will assist the Contractor in arranging and coordinating site visits with the local public authorities and public institutions responsible for the implementation of "Model School" projects.

The design company shall properly coordinate the design and engineering process with the local planning authorities, community representatives and "Model School" program engineers. The Contractor should obtain expertise clearance for design from all relevant authorities, when necessary.

The design company will also be responsible for carrying out all the verifications, coordination, and endorsement of the design documentation and estimates in line with the local legislation in force. The costs related to verification and coordination of design documentation, as well as all the fees and charges for these procedures will be totally incurred by the design company.

The design company should assist Beneficiary and owner of the infrastructure to prepare all necessary supporting documentation to obtain construction permits from the local planning authorities (by case).

At the phase of the author supervision the selected design company assumes the responsibility to make the necessary technical adjustments (appeared in the process of construction) to the project documentation. These adjustments will be made within three working days upon the official request from the UNDP Project's Engineer.

Upon the completion of the construction works, the designer company will participate in the preliminary commissioning of works and object's hand-over activities and will endorse an author confirmation, certifying the compliance of works to the design (Avizul proiectantului).

### **Regulatory Framework**

1. The development of the project documentation and cost estimates regarding the capital repair/modernization of the lyceum (school) buildings and the landscaping of the adjacent territory will be carried out in accordance with the national normative acts and the concept of the model school and its application guide in force, specifically:

- Law No. 721 of 02.02.1996 on Quality in Constructions
- Law 163/2010 regarding the authorization of the execution of construction works
- G.D 361/1996 regarding quality assurance in construction
- G.D 285/1996 regarding the approval of the Regulations for the reception of constructions and related installations
- Law no. 139/2018 regarding energy efficiency
- Law no. 10 of 26.02.2016 regarding the promotion of the use of energy from renewable sources
- Law no. 128 of 11.07.2014 regarding the energy performance of buildings
- Government Decision no. 896 of 21.07.2016 for the approval of the Regulation on the procedure for certifying the energy performance of buildings and building units
- Sanitary regulations for primary, secondary, first and second cycle and professional technical education institutions

2. When drawing up the technical project documentation and the cost estimates, the following Construction Regulations in force will be considered:

- CUC 434/2023; Urban Planning and Construction Code
- NCM C.01.03:2017 Designing buildings for general education
- NCM C.01.12:2018 Buildings and public constructions

- NCM A.07.02-2012 Procedure for development, endorsement and approval and the framework content of design documentation for constructions
  - NCM C.01.06-2014 Designing buildings & constructions considering accessibility for people with disabilities
  - NCM E.03.02-2014 Protection against fires in buildings and installations
  - NCM E 03.03:2018 Fire safety. Signalling and fire warning installations
  - NCM E.03.01-2005 Fire protection of buildings and installations. Terminology
  - NCM E.04.04-2016 Protection against environmental actions design of construction anticorrosive protection
  - NCM A.07.06:2016 The composition and content of the "Environmental Protection" chapter in the project documentation
  - NCM B.01.06:2019 Norms regarding the framework composition of the "Environmental protection" compartment within urban plans"
  - NCM M.01.01:2016 Energy performance of buildings
  - NCM M.01.02:2016 Energy performance of buildings, Methodology for calculating energy performance of buildings.
  - NCM M.01.03:2016 Energy efficiency of social-cultural buildings
  - NCM E 04.01:2017 Protection against environmental actions. Thermal protection of buildings
  - NCM A.07.02.2012 The procedure for drawing up, approval, approval and the framework content of the project documentation for constructions
  - NCM G.01.02:2015 Design and installation of electrical installations in residential and social buildings.
  - NCM G 01.03:2016 Electrical installations. Electrotechnical devices
  - NCM C.04.02:2017 Natural and artificial lighting
  - NCM B.01.05:2019 Urbanism. Systematization and arrangement of urban and rural localities
  - NCM G.03.03-2015 Internal installations for water supply and sewerage
  - NCM L.02.06-2012 Estimate norms for the execution of construction-assembly works in cold weather
  - NCM E.02.02:2016 Reliability of building elements and foundation lands. Basic principles
  - NCM E.03.05-2004 Automatic fire extinguishing and signalling installations. Norms for design
  - NCM-G.03.02-2015 External sewage networks and installations
  - NCM G.04.10:2015; NCM G.04.10:2015/A1:2019 Thermal power plants
  - NCM G.04.07:2014 Thermal networks. Thermal, ventilation and air conditioning installations
  - NCM G.04.05:2016 Heating, ventilation and air conditioning installations. Autonomous sources for heat supply.
  - NCM G 02.01:2017 Electrical, automation, signalling and telecommunications installations. Electronic communication networks (systems), automation and signalling installations for buildings and constructions. Basic provisions for design and installation.
  - NCM A 07.03-2002 Regulation on design author's monitoring of the site under construction
  - Standards for the minimum equipment of cabinets for school subjects in the general education institutions, approved by order of Minister of Education and Research of RM Nr. 193 in 2019
  - Other normative acts in force on the territory of the Republic of Moldova
3. Also, when drawing up the technical project documentation and the cost estimate, the following Practice Codes in construction in force will be considered:
- CP C.01.11:2018 Public buildings and constructions, accessible for people with disabilities. Design rules
  - CP C.04.04-2012 Design of safety lighting systems in buildings and constructions;
  - CP C.01.09:2017 Flat, open buildings for physical culture and sports;



- CP L.01.01-2012 Instructions regarding the preparation of estimates for construction-assembly works by the resource method;
- CP L.01.02-2012 Instructions for determining estimate expenses for payroll in construction;
- CP L.01.03-2012 Instructions regarding the calculation of overhead expenses when determining the value of the objectives;
- CP L.01.04-2012 Instructions regarding the determination of estimate expenses for the operation of construction machinery;
- CP L.01.05-2012 Instructions regarding the determination of the value of the estimate benefit when forming construction production prices;
- CP L.01.13:2015 Methodical guidance on monitoring and calculating average prices of construction materials;
- CP-E.04.05-2017 Protection against environmental actions, Designing thermal protection of buildings;
- CP-G.04.01-2002 Energy certificate of the building;
- CP-M.01.01-2016 Energy efficiency of residential buildings, Energy audit of buildings;
- CP E 01.04:2019 Evaluation of the level of anti-seismic protection of existing buildings;
- CP E 03.01:2019 Fire safety Ensuring the fire resistance of buildings;
- CP E 03.02.2018 Fire safety. The methodology of the development of the project compartment. "Measures to ensure fire safety and to carry out technical expertise (fire safety audit) of the protected object";
- CP G.03.07:2016 Natural biological purification systems of municipal wastewater in filters planted with macrophytes (phytofilters);
- CP C.01.02:2018 Civil buildings. Buildings and constructions. General design provisions ensuring accessibility for people with disabilities;
- CP C.01.10:2018 Civil buildings. The living environment with systematized elements, accessible for people with disabilities. Design rules;
- CP C.01.13.2018 Civil buildings. Urban environment. Accessible design rules for people with disabilities;
- CP G.04.11:2013 Heating, ventilation and air conditioning installations. "Methodology for calculating heat losses, unrecorded volume of hot water, hot water losses in communal domestic hot water supply systems" "Part 1 "Calculation of losses and unrecorded volume of hot water in communal domestic hot water supply systems domestic hot water»;
- CP C.04.08-2015 Blocks of PVC windows and doors;
- CPL01.01-2012 Instructions for concluding the estimates for construction-assembly works based on resource method.

### **Implementation timeframe**

The Contractor is expected to carry out investigations of project site and complete full set of technical design documentation: drawings, BOQs, tender launching documentation, etc., in maximum 210 calendar days without "Verification of the designs and Bill of Quantities" item, maximum 230 calendar days, including "Verification of the designs drawings and Bill of Quantities" by the Certified Verifiers, and maximum 240 days for endorsement of the design documentation from state appropriate services from the contract signature date.

### **Deliverables**

Contractor is required to deliver the expected design services, in accordance with the following deliverable items and established schedules:

***Project Site. Theoretical Lyceum "Ion Creangă" from Ungheni town.***

Item No.	Description/Specification of Services	Delivery Date
1.	Development of the existing school buildings layout scheme per each floor (Relevee) for school and auxiliary buildings, including basement rooms/premises, classrooms, subjects' laboratories, corridors and recreation spaces, staircases, sport hall, events hall, canteen, workshops and other project related spaces. For all three blocks and connection galleries. <b>Total school buildings surface S=6833,9 m2</b>	Within 10 days from the date of contract signing
2.	<i>Topographical measurements/survey (1,62ha)</i> of school territory for further land developments, new sport fields, access ways, pavements, greening, etc.	Within 20 days from the date of contract signing
3.	Development and approval of a new layout scheme per each floor and block with the detailed furnishing and educational equipment plan of project site's classrooms, laboratories, sport & events halls, library, corridors, recreation spaces, canteen premises, with furniture/equipment. Development of the educational process technological solutions chapter (TH) for all four blocks, connection galleries and auxiliary buildings. <b>Total school buildings surface S=6833,9 m2</b>	Within 60 days from the date of contract signing
4.	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the block A (primary and gymnasium classes) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block A surface S=2006,4 m2</b>	Within 190 days from the date of contract signing
5.	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the block B (gymnasium, lyceum classes) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block B surface S=2110,0 m2</b>	Within 190 days from the date of contract signing
6.	Development of detailed technical designs: <b>drawings for capital repair/ modernisation of the block C (sport, events hall, canteen with kitchen, workshops and administrative premises) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-	Within 190 days from the date of contract signing

	security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block C surface S=1764,9 m2</b>	
7.	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the connection galleries of school building (A''+ B'')</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total galleries surface S=476,6m2+476,0m2=952,6 m2</b>	Within 190 days from the date of contract signing
8.	Development of detailed technical designs: <b>construction of the new boiler shop/ auxiliar building</b> , including architectural solutions, structural designs and interior/exterior engineering nets: natural gas systems, thermomechanical equipment, heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total boiler shop surface S=30,0 m2</b>	Within 190 days from the date of contract signing
9.	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the external toilets/ auxiliar building</b> , including <b>technical expertise</b> of the existing premises, architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Bill of Quantities and cost estimates, etc. <b>Total external toilets surface S=28m2</b>	Within 190 days from the date of contract signing
10.	Development of detailed general plan of the school, including access routes from the street to the school, paved paths on the school grounds, sport fields, children's outdoor classrooms, new fencing of the territory, landscaping, greening, exterior electrical lighting and rainwater evacuation and irrigation infrastructure, etc. Bill of Quantities and cost estimates, for this chapter. <b>Total adjacent territory surface 1,62 ha</b>	Within 190 days from the date of contract signing
11.	Detailed design of Organization of the Construction site chapter	Within 210 days from the date of contract signing
12.	Design on the environment protection measures chapter	Within 210 days from the date of contract signing
13.	Dividing the design documentation and BoQs in implementation stages	Within 230 days from the date of contract signing

14.	Verification of the designs by independent, Authorized by the State Experts. Endorsement of the design documentation from state appropriate services	Within 240 days from the date of contract signing
15.	Technical Design Author's Control during the implementation of the construction works	During the implementation period, tentative till July 2028

**NOTE: All the deliverables shall be presented in Romanian language.**

### Specific requirements for the deliverables 3-8:

**Deliverable 3 Concept – New layout scheme - Technological plan for the internal premises.** This item refers to the development of the conceptual scheme, list with critical important type of spaces (technological plans) on the location and surface (m<sup>2</sup>) of each classroom, laboratory, library, corridors and recreation spaces, sport hall, basement premises, sanitary blocks, events and sport halls, etc. and approval of this schemes with the lyceum representants (Working Group) and Model School program staff. The lyceum repair project will provide when required the replanning/reorganization of spaces in accordance with the concept of a model school, specific to the education of the primary, gymnasium and lyceum cycle in compliance with the norms of min. 1.7 m<sup>2</sup> per student. Study rooms will be designed for a maximum number of 30 students or in the case of subgroups of 15 students.

Detailed furnishing plan of the project site's classrooms, laboratories, library, corridors and recreation spaces, sport hall, events hall, basement premises, and other project site's spaces, with furniture and equipment shall be done considering the requirements of the (1) *model school concept* and the MER (2) *implementation guide*. The rest, games, entertainment, meditation, reading areas for students will be designed in corridors and hallways, with comfortable furniture and diversified equipment, metal cabinets for storing personal belongings of students. If the lockers for storing students' personal belongings cannot be placed in the corridor, they will be placed in the study hall (increasing the area of the study halls). In the classrooms and laboratories, works will be designed to modernize the ventilation system, repair the sanitary units (WC, shower for the canteen staff), repair the water supply and sewage system, modernize the educational equipment. The events hall can be used with complementary functions, including place to relax and study. Separate from the cafeteria (possibly in another location), a buffet should also be planned. One or more spaces intended for teaching staff will be designed, divided into a reception area (office), workspaces (with mini offices) and a rest area with a kitchenette. Separation of zones can be, for example, with glass partitions. The student council room must be well connected to the common area. It is necessary to design a space for the location of all servers and communication systems.

**Important:** *The winning design company will be guided by the Interior Design Concept, which was developed in the previous phase of the program, it contains typical/conceptual interior design solutions for every type of project classrooms, laboratories, halls, corridors and recreation areas, basement premises, furniture, and equipment.*

**Deliverables 4, 5, 6, 7 Specific requirements to Detailed Technical Design (DTD).** DTD of the capital repair/modernization of the existing school premises, mentioned as the project site, particularly shall consider the detailed layout of equipment and furniture, rehabilitation of internal walls, complete renovation of internal decorations, including replacement of the existing floors with modern sustainable, ecologically clean linoleum and ceramic tiles, building of new false ceilings, (like "Armstrong"), everywhere throughout the project site's spaces, replacement of existing doors with transparent *glass doors fixed in the painted aluminium frames (model of the doors will be provided in concept papers)*. This item shall also consider full replacement of internal engineering systems within the project site's premises and their connection to the existing networks according to Technical Conditions, which are obtained from the

school administration. All school rooms in daily use, including common rooms, must receive natural light (except technical, auxiliary, etc. rooms).

When designing the heating, ventilation, and air conditioning compartments, both the requirements of sanitary regulations and the local conditions of the location shall be considered. The HVAC systems proposed by designer must be energy efficient and meet the modern criteria for heat recovery from exhaust air. When drafting the design documentation, the company shall consider the endowment of the entire building with low voltage networks, anti-fire warning system, video supervision system, control access system and internet.

The electricity compartment will include the replacement of all the power and lighting networks in the classroom, corridors, recreation premises and other project-related spaces (from all building) and updating it with modern automatic and energy-efficient lighting.

*A video surveillance network, an LED street lighting system with photovoltaic elements and sensors* will be designed throughout the adjacent territory. Video surveillance systems based on IP (Internet Protocol) must be installed at the entrance to the territory and in the building, and access to the data provided will be limited to authorized personnel. For traceability, access to CCTV and IP surveillance data will be recorded in an electronic system. All access to the building on the grounds of the institution and pedestrian access will be lit at night. The lighting for security will be provided with LED bulbs with photovoltaic elements and motion sensors. To select the type of street lighting fixtures, a simulation will be done in the lighting software and only after establishing the compliance with the standard requirements will the installation of the system proceed.

A narrative memo with overall description of project compartments, calculations, selected equipment and materials, reference to technical norms and standards, technical specifications, etc., will also be a part of this item.

***Inclusion (universal access) of the building and school area.*** When developing the DTD project, the design company must consider and provide solutions on the feasible technical and financial approach to universal access. Universal access means unrestricted access for people of all ages and abilities, which must be incorporated in the education process (inclusively teachers, auxiliary staff, students, their parents etc) in all common area. When executing the technological plans for the furnishing of all classrooms, travel paths for students with special needs must be considered. Solution of accessibility for people with wheelchairs will include equipment which will facilitate their access to all levels and blocks of the building and ramp for their access inside to the building. On the first floor (main entrance level), entrances and exits to the building, classrooms, library and other rooms, will be designed without thresholds to allow access for children with special needs in accordance with the principles of universal access.

***Resilience.*** A school is considered safe and resilient when it meets minimum environmental and quality assurance standards for schools and the following requirements: adequate seismic resistance, compliance of school buildings with the level of seismic resistance provided for in Eurocode 8, Moldovan Construction Norms; resistance to storms and floods; adequate and appropriate heating and air conditioning systems; fire safety, ensuring that school buildings have fire detection and warning systems, fire extinguishing systems (such as sprinklers) and adequate exit routes to ensure rapid evacuation; appropriate electrical safety systems; adequate air quality and ventilation; classrooms meet the requirements for CO<sub>2</sub> levels and provide sufficient air flow and circulation to reduce the transmission of respiratory diseases (NCM C.01.03:2017, pp.24-26). A separate ventilation and smoke evacuation system will be designed for the chemistry laboratory. The calculation air temperature and air exchange rate in classrooms, offices, laboratories with ordinary glass windows will be 18 °C and the multiple air exchange in one hour discharge/suction of 20 m<sup>3</sup>/h per 1 person. The calculation air temperature and air exchange

rate in the art workshops, festive hall, music, choreography, sports halls with ordinary glass windows and rolling glass windows will be 15°C, and the air exchange will be multiple discharge/ aspiration in one hour of 20 m<sup>3</sup>/h per 1 person. The calculation air temperature and air exchange rate in classrooms, offices, laboratories with ordinary glass windows and rolling glass windows will be 18 °C, and the multiple discharge/suction air exchange in one hour of 20 m<sup>3</sup> /h per 1 person; adequate and proper water and sanitation; schools have indoor WASH facilities with adequate capacity and access to town water distribution pipes; a resilient school also has access to early warning systems for hydro-meteorological disasters, applies climate and disaster risk information, regularly conducts emergency drills and emergency preparedness activities, can use schools as centres of evacuation and carry out other activities such as sensitization.

**Sustainability.** A sustainable school has measures to mitigate and adapt to climate change and has sustainable operations and maintenance. In architectural solutions, nature-friendly solutions that improve climate resistance will be planned, such as green roofs, rainwater collection systems, material recycling, etc. In the outdoor space, nature-based solutions will also be used, such as water-permeable pavements, places for rainwater storage, landscaping rich in different species of trees, shrubs and flowers, etc. Sustainable and environmentally friendly materials will be used as construction and finishing materials, and where possible, materials from demolished buildings will be reused (for example, in solutions for the outdoor space).

**Energy efficiency.** Buildings must meet or exceed minimum energy efficiency standards (CP G.04.01-2002, NCM M.01.01:2016). The main objectives following energy efficiency measures will be to reduce energy consumption and energy costs, reduce environmental impact, energy security.

*Exploitation of renewable energy.* Buildings, where possible, use renewable energy to support the achievement of Moldova's NDC targets (CP G.04.11-2013, CP M.01.01:2016, NCM M.01.02:2016). The main objectives on renewable energy for public buildings and providing support for the integration of renewable energy systems such as solar panels, geothermal heat pumps, geothermal water heating systems, vacuum tube solar water heating systems.

*Zero waste.* Awareness and systems to reduce waste and increase recycling, reuse and recovery of products (NCM B.01.05:2019, NCM B.01.06:2019).

*Well maintained.* Schools have sufficient funds to ensure continued functionality and operation and maintenance. If feasible, energy efficiency savings can be applied to make further improvements towards sustainability.

**Deliverable 8 Development of detailed general plan.** The Contractor shall develop the detailed general plan for all the area of the school and will contain solutions for ground of access routes from the school blocks and existed sport facilities, as well. It must provide structural details of paved paths, fencing of the school territory, landscaping, greening, exterior electrical lighting, drainage rainwater evacuation and irrigation infrastructure, etc. The adjacent territory will be designed and reconstructed in zones/areas in accordance with the concept of the model school, which will include green areas, separate rest areas for primary gymnasium and lyceum classes and a digital greenhouse. An architectural aspect of the infrastructure, exterior equipment and small architectural forms will be designed.

Will be examined possibility to build an amphitheatre for outdoor events and studies.

The rehabilitation of all sport facilities will be designed, will be rehabilitated big soccer field with modernization of the sport equipment and tribunes, a basketball field will be redesigned and refurbished, new running tracks will be provided etc.

Solutions must promote a healthy active lifestyle and lead to a preference for environmentally friendly modes of travel. Access to the territory must be safe, for walking and cycling from all directions.

<sup>1</sup>[https://mecc.gov.md/sites/default/files/anexa\\_2\\_omec\\_198\\_din\\_2024\\_concept\\_scoala\\_model.pdf](https://mecc.gov.md/sites/default/files/anexa_2_omec_198_din_2024_concept_scoala_model.pdf)

[https://mecc.gov.md/sites/default/files/anexa\\_1.\\_omec\\_nr.\\_434\\_din\\_29.03.2024\\_ghid\\_de\\_aplicare\\_si\\_implementare\\_a\\_conceptului\\_scolii\\_model.pdf](https://mecc.gov.md/sites/default/files/anexa_1._omec_nr._434_din_29.03.2024_ghid_de_aplicare_si_implementare_a_conceptului_scolii_model.pdf)

Bicycle parking should be designed under a roof near the main entrance with storage, including scooter racks. Parking spaces for school transport and institution employees will also be provided. It can be isolated with a green fence from other areas, especially the student rest and recreation areas. Car parking will be out of sight to encourage students and teachers to use other modes of travel. In the green area, in the form of a park, shelters will be designed for holding outdoor classes (with a capacity of 25-30 people), benches in the alley and others, which can additionally be used for community use.

Outdoor learning places will be designed: environmental research stations (windmills, garden beds, greenhouses, composters, water station, weather station, materials research station, etc.). In front of the main entrance of school will be planned flagpoles (up to 4 pieces) in such a way that it is possible to organize festive events.

Common areas should allow for both: active movement and places to rest (e.g., quiet corners and alcoves for parents to sit in while waiting for the bus at the end of the school day).

#### **General organizational information and requirements towards elaboration and presentation of deliverables:**

Elaboration of design documentation will be initiated based on the developed project site's Layout Schemes of the classrooms, laboratories, corridors and respective recreation and other related spaces, approved by the school administration as well as Urbanistic Certificate for design work, issued for the site by the Local Public Authorities.

Technical Conditions for re-connection of facilities to existing utilities of water, sewerage, thermal networks, and power supply nets, shall be obtained by contractor from the lyceum administration.

*First drafts, schemes and proposed architectural and technical solutions*, elaborated by the designers, shall be coordinated with lyceum administrations (Working group), designated representatives of MER and UNDP/Model school Engineers.

All sets of Design documentation, drawings, bill of quantities, cost estimates and specifications shall be presented in 4 copies, copies on paper will be presented with stamps and signatures of the developers and project verifiers and the authorities that approved them are. The electronic version of the project documentation will be presented in PDF format, obtained by scanning the project plans (drawings) bill of quantities, cost estimates and specifications on which the stamps and signatures of the developers and project verifiers and the authorities that approved them are on a flash-drive.

Additionally the drawings and technical specifications will be presented in electronical Autocad, revit format and cost estimates in .kos electronical format.

The following special regional climate conditions and technical characteristics shall be considered while developing the design documentation for the buildings:

- Climate rayon – according to the Moldovan National Annex to Eurocod 1, loads and actions on structures;
- Snow loading - according to the Moldovan National Annex to Eurocod 1, loads and actions on structures;
- Wind loading - according to the Moldovan National Annex to Eurocod 1, loads and actions on structures;
- Seismicity level – according to the seismic zoning map and geological conditions of the site;
- Average outside temperature - 17°C;

- Heating season duration - 166 days;
- Average outside temperature during winter season - +0,6°C.

*(All these parameters must be readjusted by the design company according to national legislation in force if it is necessary).*

### **Institutional Arrangements**

The Contractor will be awarded a contract with UNDP for the delivery of services applied for and will work under the guidance of the Model School program infrastructure Project Manager, site Engineers (consultants) and supervised by Model School Program Manager. The Contractor will be responsible for establishing and maintaining good working relationships with relevant authorities, as well as for arranging all necessary transportation and logistics arrangements. The selected company will be responsible for safety measures for all its employees when visiting the site. When measurements work will be carried out, the Contractor will ensure that before initiating and implementing any type of site survey works: scaffolding, nets, signage etc. are operated correctly.

Payments to the Contractor shall be made upon approval and acceptance of the deliverables by the Model School Program infrastructure Project Manager and endorsement of the Model School Program Manager.

Should the contract be signed with a local company, even though the contract will be signed in USD currency, the payments will be effected in MDL based on the UN operational rate of the exchange on the day of payment for reference, please, refer to the <https://treasury.un.org/operationalrates/default.php>). Therefore, the Bidders are required to consider any eventual currency fluctuations while developing their Financial Proposal, given that currency fluctuation is not subject to any changes in the unit rates and total contract price.

Bidders must consider all costs associated with the activities related to the outputs. Pricing and payments will be against the accepted deliverables and not the costs associated with these outputs. Lack of understanding and knowledge will not be considered as waiving the objectives. The Contractor will bear the responsibility for its own logistics and shall arrange their travel to and from the site, to and from the meetings/presentations.

**In case there will be identified discrepancies between the design and de facto situation, the contracted company will update the design and supervise the works in accordance with the renewed design in maximum one month from the moment of written notification.**

### **Duration of Work**

The estimated duration of design development works is maximum 240 calendar days. **The contract will also include the author supervision stage which is planned to be implemented till July 2028.**

The expected time of commencement of the contract is **July 2028.**

UNDP will require a maximum of 30 (thirty) days (depending on the implementation stage) to review the deliverables, provide comments, approve, or certify acceptance of deliverables.

The timeline of works, Implementation plan must be provided in the Gantt form. This implementation plan shall stipulate clearly the overall and specific duration of the services.

### **Qualifications of the Successful Service Provider at Various Levels:**

The offers will be evaluated based on their compliance with the general requirements specified below:

- Legal entity with minimum 5 years of proven experience in technical design of social infrastructure objects.



- Experience in development of minimum three (3) similar contracts related to design services for rehabilitation/modernization of educational of school institutions, or any other social public buildings, including engineering systems (heating, ventilation, air-conditioning, electricity, low voltage, video security, anti-fire warning, internet, water/sewerage etc.), undertaken in the past 5 (five) years.
- Proven technical and human resources for successful implementation of the assignment. Minimal presence of the implementation team with valid technical certificates as designers, issued by the national regulation authority in construction of Republic of Moldova consisting of:
  - a. 1 (one) Task Manager- attested as Architect.
  - b. 1 (one) Attested structural design specialist.
  - c. 1 (one) Attested designer licensed in Internal/External Electricity Networks.
  - d. 1 (one) Attested designer licensed in heating, ventilation, air-conditioning, and smoke evacuation systems.
  - e. 1 (one) Attested designer licensed in natural gas systems.
  - f. 1 (one) Attested designer licensed in water supply/sewerage networks.
  - g. 1 (one) Attested designer licensed in low voltage networks, access control system, video surveillance system.
  - h. 1 (one) Attested designer licensed in fire safety measures (MASI).
  - i. 1 (one) Attested Cost estimator.

*The proposed key personnel shall have experience in design development services. The CVs shall contain proof of coherent experience to the position sought.*

- Maximum delivery period not to exceed 240 calendar days upon signature of contract.
- In case of consortiums, all criteria listed below shall apply towards the Lead Member.

## 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:	<b>RFQ25/03012: Model school/ Development of detailed technical design documentation for the capital repair and modernization of the "Ion Creangă" Lyceum from Ungheni town.</b>	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.			
<b>Minimum three (3) similar contracts related to design services for rehabilitation/modernization of educational institutions or any other social public buildings, undertaken in the past 5 (five) years.</b> <i>(Copies of provided contracts shall be presented as part of the submission)</i>				
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"/>	<b>Requirements and Terms and Conditions:</b> 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"/>	<b>Ethics:</b> 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 : <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a> and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Conflict of interest:</b> 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"/>	<b>Prohibitions, Sanctions:</b> I/We hereby declare that our firm, ultimate beneficial owners, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Bankruptcy:</b> 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"/>	<b>Offer Validity Period:</b> 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 – SERVICES

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:	Click or tap here to enter text.	
RFQ reference:	<b>RFQ25/03012: Model school/ Development of detailed technical design documentation for the capital repair and modernization of the “Ion Creangă” Lyceum from Ungheni town.</b>	Date: Click or tap to enter a date.

Bidders are requested to complete the financial offer table.

#### Technical Offer

Provide the following:

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

#### Financial Offer

Nr	Description of Services/Deliverables	unit of measurement	Volume	Cost of unit	Total Price, USD, VAT=0
1	Development of the existing school buildings layout scheme per each floor (Relevee) for school and auxiliary buildings, including basement rooms/premises, classrooms, subjects' laboratories, corridors and recreation spaces, staircases, sport hall, events hall, canteen, workshops and other project related spaces. For all three blocks and connection galleries. <b>Total school buildings surface S=6833,9 m2</b>	1 m <sup>2</sup>	6 833.9		
2	Topographical measurements/survey (1,62ha) of school territory for further land developments, new sport fields, access ways, pavements, greening, etc.	1 m <sup>2</sup>	16 200.0		
3	Development and approval of a new layout scheme per each floor and block with the detailed furnishing and educational equipment plan of project site's classrooms, laboratories, sport & events halls, library, corridors, recreation spaces, canteen premises, with furniture/equipment. Development of the educational process technological solutions chapter (TH) for all four blocks, connection galleries and auxiliary buildings. <b>Total school buildings surface S=6833,9 m2</b>	1 m <sup>2</sup>	6 833.9		
4	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the block A (primary and gymnasium classes) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical	1 m <sup>2</sup>	2 006.4		

	ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block A surface S=2006,4 m2</b>				
5	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the block B (gymnasium, lyceum classes) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block B surface S=2110,0 m2</b>	<b>1 m<sup>2</sup></b>	<b>2 110.0</b>		
6	Development of detailed technical designs: <b>drawings for capital repair/ modernisation of the block C (sport, events hall, canteen with kitchen, workshops and administrative premises) of school building</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total Block C surface S=1764,9 m2</b>	<b>1 m<sup>2</sup></b>	<b>1 764.9</b>		
7	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the connection galleries of school building (A"+ B")</b> , including architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total galleries surface S=476,6m2+476,0m2=952,6 m2</b>	<b>1 m<sup>2</sup></b>	<b>952.6</b>		
8	Development of detailed technical designs: <b>construction of the new boiler shop/ auxiliar building</b> , including architectural solutions, structural designs and interior/exterior engineering nets: natural gas systems, thermomechanical equipment, heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, interior sewerage, Fire safety measures, Bill of Quantities and cost estimates, etc. <b>Total boiler shop surface S=30,0 m2</b>	<b>1 m<sup>2</sup></b>	<b>30.0</b>		
9	Development of detailed technical designs: <b>drawings for capital repair/modernisation of the external toilets/ auxiliar building</b> , including <b>technical expertise</b> of the	<b>1 m<sup>2</sup></b>	<b>28.0</b>		

	existing premises, architectural solutions, structural designs (if necessary) and interior engineering nets: heat, ventilation, power supply and electrical lighting networks, anti-fire warning system, low voltage nets, video-security system, electrical ground connection system, potable and hot water supply nets, interior sewerage, Bill of Quantities and cost estimates, etc. <b>Total external toilets surface S=28m2</b>				
10	Development of detailed general plan of the school, including access routes from the street to the school, paved paths on the school grounds, sport fields, children's outdoor classrooms, new fencing of the territory, landscaping, greening, exterior electrical lighting and rainwater evacuation and irrigation infrastructure, etc. Bill of Quantities and cost estimates, for this chapter. <b>Total adjacent territory surface 1,62 ha</b>	<b>1 m<sup>2</sup></b>	<b>16 200.0</b>		
11	Detailed design of Organization of the Construction site chapter	<b>Chapter</b>	<b>1</b>		
12	Design on the environment protection measures chapter	<b>Chapter</b>	<b>1</b>		
13	Dividing the design documentation and BoQs in implementation stages	<b>Service</b>	<b>1</b>		
14	Verification of the designs by independent, Authorized by the State Experts. Endorsement of the design documentation from state appropriate services	<b>Service</b>	<b>1</b>		
15	Technical Design Author's Control during the implementation of the construction works	<b>Service</b>	<b>1</b>		
	<b>Total:</b>				

#### Breakdown of costs

Personnel / other elements	UOM	Qty	Unit Price, USD	Total Price, USD
<b>Personnel</b>				
1 (one) Task Manager- attested as Architect	day			
1 (one) Attested structural design specialist	day			
1 (one) Attested designer licensed in Internal/External Electricity Networks	day			
1 (one) Attested designer licensed in heating, ventilation, air-conditioning, and smoke evacuation systems	day			
1 (one) Attested designer licensed in natural gas systems	day			
1 (one) Attested designer licensed in water supply/sewerage networks	day			
1 (one) Attested designer licensed in low voltage networks, access control system, video surveillance system	day			

1 (one) Attested designer licensed in fire safety measures (MASI)	day			
1 (one) Attested Cost estimator	day			
<b>Other expenses</b>				
Other Costs: (please specify)				
<b>Total</b>				

### Compliance with Requirements

Requirements	Your Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Maximum delivery period not to exceed <i>240 calendar days</i> upon signature of contract for the design development stage	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation <i>90 calendar days</i>	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
<i>Technical Support Requirements</i> In case there will be identified discrepancies between the design and de facto situation, the contracted company will update the design and supervise the works in accordance with the renewed design in maximum one month 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	<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>_____</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 Authorized Signatory: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>
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