



**REQUEST FOR QUOTATION NO. RFQ26/03286:**

**CIVIL WORKS FOR THE CONSTRUCTION OF INFRASTRUCTURE FOR INSTALATION OF FIVE (5) MINI AUTOMATIC WEATHER STATIONS AND FIVE (5) MINI AUTOMATIC HYDROLOGICAL STATIONS**

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

UNDP, through the “**Hydro-infrastructure rehabilitation to mitigate vulnerability to climate-driven extreme events in the Republic of Moldova**” Project (hereinafter the Project), kindly requests your quotation for the **Request for Quotation no. RFQ26/03286: Civil Works for the Construction of Infrastructure for Installation of five (5) Mini Automatic Weather Stations and Five (5) Mini Automatic Hydrological Stations** 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: General instructions

Section 3: Special instructions

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: Bill of Quantities (Romanian language)

Annex 5: Technical drawings (Romanian language)

Annex 6: Explanatory memorandum (Romanian language)

Annex 7: Template of informative board

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-01006** and subscribe to the tender in order to get notifications in case of amendments of the tender document and requirements.

In case you have never registered before, follow [the link](#) to register a profile.

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 Quotation shall be submitted online through the Quantum system and any Quotation 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 Quotation after that date and time. It is the responsibility of the Vendor to make sure that the Quotation is submitted prior to this deadline for submission.

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

Thank you and we look forward to receiving your quotation.

UNDP Moldova

## SECTION 2: GENERAL INSTRUCTIONS

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| <p><b>Introduction</b></p>                                 | <p>Vendors 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 Quotation submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Quotation by UNDP. UNDP is under no obligation to award a contract to any Vendor 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 Vendors or cancellation of the tender in the online portal.</p>  |
| <p><b>Deadline for the Submission of Quotation</b></p>     | <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>  |
| <p><b>Method of Submission</b></p>                         | <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;_afdf.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;_afdf.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 facilitated review.</li> <li>▪ All files must be free of viruses and not corrupted.</li> </ul> |
| <p><b>Cost of preparation of quotation</b></p>             | <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>  |
| <p><b>Supplier Code of Conduct, Fraud, Corruption,</b></p> | <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>  |

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| <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 Quotation if it determines that the selected Vendor 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. Vendors found to have a conflict of interest shall be disqualified.</p> <p>Vendors must disclose in their Quotation 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 Vendors 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 Vendors may result in the eventual rejection of the Quotation.</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 Vendor is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Quotation, they shall confirm in their Quotation 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 Quotation; 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 Quotation</b>                       | <p>The Vendor (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Quotation, 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>Quotations submitted by two (2) or more Vendors shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> <li>a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</li> <li>b) they have the same legal representative for purposes of this RFQ; or</li> <li>c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Quotation of, another Vendor regarding this RFQ process;</li> <li>d) they are subcontractors to each other's Quotation, or a subcontractor to one Quotation also submits another Quotation under its name as lead Vendor; or</li> <li>e) some key personnel proposed to be in the team of one Vendor participates in more than one Quotation received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Quotation.</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.  |

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| <b>Alternative Quotes</b>  | If alternative quote is permitted, it may be submitted only if a conforming quote to the RFQ requirements is submitted. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as “Main Quote” and “Alternative Quote” directly in the portal and in any supporting document as relevant. |
| <b>Contact Person for correspondence, notifications and clarifications</b> | Must be submitted directly in the portal using the messaging functionality.<br><br>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 United Nations Global Marketplace (UNGM) website at <a href="http://www.ungm.org">www.ungm.org</a> . The Vendor may still submit a quotation even if not registered with the UNGM, however, if the Vendor is selected for Contract award, the Vendor must register on the UNGM prior to contract signature.  |



### SECTION 3: SPECIAL INSTRUCTIONS

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| <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:<br/> <input checked="" type="checkbox"/> <a href="#">General Terms and Conditions for Works</a></p> <p>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:<br/>         In case the works are not completed within 90 calendar days, 2.5% of the total contract amount will be deducted out of the final invoice for each week of delay.<br/>         Max. number of weeks of delay 4.<br/>         Once the total amount of liquidated damages is equal to 10% of the total contract amount, 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:<br/> <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 Vendor'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>Vendors 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><input checked="" type="checkbox"/> <b>Romanian and/or English</b></p> <p>Including documentation such as BoQ, technical design documentation, and other appropriate documentation.</p>   |
| <b>Quotation validity period</b>      | <p><input checked="" type="checkbox"/> Quotations shall remain valid for <b>90 (ninety)</b> days 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"/> The Contractor shall report on the works executed at each project site by submitting Minutes of Acceptance for the works carried out. The Minutes shall be signed by the Contractor's Site Manager and the certified Technical Supervisor, duly stamped, and submitted for verification to the UNDP-contracted certified Construction Site Supervisor and the Beneficiary's permanent representative. Subsequently, the Minutes of Acceptance and the corresponding Bill of Quantities (BoQ) for the executed works, signed by the certified Site Supervisor, shall be submitted to UNDP for approval.</p> <p>Invoices shall be submitted by the Contractor to the UNDP Engineer upon achievement of the corresponding milestones, according to Annex 1: Schedule of Requirements.</p>  |
| <b>Currency</b>                       | <p>Moldovan Leu (MDL) for local bidders or US Dollars (USD) for international bidders</p>  |

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| <b>Conditions for Release of Payment</b> | <input checked="" type="checkbox"/> Written Acceptance of Works, based on full compliance with RFQ requirements   |
| <b>Clarifications</b>                    | <p>Vendors 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 Vendors will not be accepted any later than <b>5 (five) days</b> before the submission deadline. Responses to request for clarification will be communicated directly in the portal.</p>   |
| <b>Documents to be submitted</b>         | <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed<br><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<br><input checked="" type="checkbox"/> Duly filled-in Bills of Quantities (F7), including Unit Price Catalogue (F5) and Resource Schedule (F3)<br><input checked="" type="checkbox"/> Company Profile (short info up to 5 pages), including detailed portfolio/previous corporate experience in similar fields related to the assignment, as well as experience in successful implementation of hydrotechnical works of the same complexity (if any)<br><input checked="" type="checkbox"/> Copy of Company's Registration Certificate/Copy of Extract from the state register<br><input checked="" type="checkbox"/> List and value of projects of similar complexity to the object of present RfQ performed for the last 5 (five) years including client's contact details<br><input checked="" type="checkbox"/> Acceptance Notes of works executed (Final Commissioning Reports for local companies) submitted for at least 2 (two) sites (in terms of civil and/or hydrotechnical works and volume of works) with a value not less than 100,000 US\$ each within the last 5 (five) years, presented as similar experience (as listed in Evaluation Criteria below), including the total contract value (in case it is not mentioned in the Note/Report, please attach Contract or other document to prove the value of the project site). <u>Contracts without Acceptance Notes (Final Commissioning Reports for local companies) cannot serve proof of similar experience.</u><br><input checked="" type="checkbox"/> List of transportation and specialized equipment units to be confirmed with the rights of ownership or contract of lease and availability of the functioning permit in line with national legislation (Vendors shall indicate whether the equipment is their own or rented)<br><input checked="" type="checkbox"/> Quality Certificates for the materials to be used during Works<br><input checked="" type="checkbox"/> Quality Certificates (ISO, etc.), if available<br><input checked="" type="checkbox"/> List of qualified key personnel, together with signed CVs and professional certificates (valid on the date of presentation) for at least 2 (two) certified technical supervisors with experience in civil works and hydrotechnical works<br><input checked="" type="checkbox"/> List of non-key personnel with names and specializations assigned per each team<br><input checked="" type="checkbox"/> Metrological certificate for the measurement equipment (topographical station, theodolite, level etc.)<br><input checked="" type="checkbox"/> Chart for execution of works (Work Time Schedule) for example GANTT<br><input checked="" type="checkbox"/> Written declaration regarding warranty period on works and materials used, not less than 5 (five) years<br><input checked="" type="checkbox"/> Statements of satisfactory Performance (Certificates) from the 2 (two) top clients in terms of Contract value in a similar field<br><input checked="" type="checkbox"/> Financial Statements (Income Statements and Balance Sheets) for the past 3 (three) years (2023, 2024, 2025) |
| <b>Evaluation method</b>                 | <input checked="" type="checkbox"/> The Contract will be awarded to the lowest price substantially compliant offer.   |
| <b>Evaluation criteria</b>               | <p>The <b>evaluation of quotations</b> shall be conducted in accordance with Evaluation criteria listed below. Vendors must meet all these criteria to be deemed technically qualified and responsive. <u>In the case of <b>consortiums</b>, all criteria listed below shall apply towards the <b>Lead Member</b>.</u></p> <input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1<br><input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract for Works<br><input checked="" type="checkbox"/> Be a legal registered institution/company<br><input checked="" type="checkbox"/> Minimum 5 (five) years of experience in the field of civil and/or hydrotechnical construction works<br><input checked="" type="checkbox"/> Minimum 2 (two) similar contracts (in the field of civil and/or hydrotechnical construction works),  |

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|  | <p>with a value not less than 100,000 US\$ per contract implemented within the past 5 (five) years</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Maximum delivery period not to exceed 90 calendar days upon signature of contract and from the moment the Contractor was given access to the construction site</li> <li><input checked="" type="checkbox"/> Sufficient human resources capability to qualitatively and timely execute the works</li> </ul> <p>Minimum key personnel with valid certificates:</p> <ul style="list-style-type: none"> <li>• 1 (one) technical supervisor certified according to Moldovan Construction legal framework to oversee the execution of civil works related to mini-AWS,</li> <li>• 1 (one) technical supervisor certified according to Moldovan Construction legal framework to oversee the execution of hydrotechnical works related to mini-AHS, with a minimum of 1 (one) successfully implemented similar project</li> </ul> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Minimum warranty on works and materials as required by local legislation and regulations, but not less than 5 (five) years</li> <li><input checked="" type="checkbox"/> Provision of 2 (two) separate teams assigned per each type of infrastructure: mini-AWS and mini-AHS</li> </ul> <p><b>Will serve grounds for disqualification:</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Failure to submit one of the following documents: <ul style="list-style-type: none"> <li>• Duly filled-in Submission Form (as per Annex 2)</li> <li>• Technical and Financial Offer (as per Annex 3)</li> <li>• Duly filled-in Bills of Quantities (F7), including Unit Price Catalogue (F5) and Resource Schedule (F3) (as per Annex 4)</li> <li>• Acceptance Notes of works executed (Final Commissioning Reports for local companies) submitted for 2 (two) site (in terms of civil or hydrotechnical works and volume of works) with a value not less than 100,000 US\$ each within the last 5 (five) years, presented as similar experience (as listed in Evaluation Criteria below), including the total contract value.</li> </ul> </li> <li><input checked="" type="checkbox"/> Serious deviations from the provisions of the documents below: <ul style="list-style-type: none"> <li>• Changes in codes for works required*;</li> <li>• Changes in the volume of works required*;</li> <li>• Changes in the volumes of resources in the norms of materials, manpower and tools*;</li> <li>• Changes in coefficient for norms*;</li> <li>• Proposing the manpower remuneration below the medium required by the National Legislation in force (besides the situation when a respective proof from relevant authorities is obtained and presented), (according to Ordinance nr. 14 of 10.02.2022, with the reference to the Approval of the Amendment CP L.01.02:2012/A2:2022 „Construction economics. Instructions for determining the estimate of expenses for construction salaries")</li> </ul> <p><i>*When developing BoQs, please be guided by the National Regulatory Framework in Construction as per NCM L.01.01-2012 and Regulation on the procurement of public works (<a href="http://lex.justice.md/index.php?action=view&amp;view=doc&amp;lang=1&amp;id=347161">http://lex.justice.md/index.php?action=view&amp;view=doc&amp;lang=1&amp;id=347161</a> <a href="http://lex.justice.md/md/295702/">http://lex.justice.md/md/295702/</a>).</i></p> </li> </ul> |
| <p><b>Type of Contract to be awarded</b></p>   | <p><input checked="" type="checkbox"/> <a href="#">Contract for Works</a></p>  |
| <p><b>Expected date for contract award</b></p> | <p><input checked="" type="checkbox"/> June 2026</p>   |



## **ANNEX 1: SCHEDULE OF REQUIREMENTS**

### **TITLE: CIVIL WORKS FOR THE CONSTRUCTION OF THE INFRASTRUCTURE FOR INSTALLATION OF FIVE (5) MINI AUTOMATIC WEATHER STATIONS AND FIVE (5) MINI AUTOMATIC HYDROLOGICAL STATIONS**

#### **A. INTRODUCTION AND OBJECTIVES**

The Republic of Moldova is increasingly vulnerable to the impacts of climate change, particularly extreme weather events such as heavy rainfall and flooding. Due to its rolling topography and current land use patterns, the country is highly exposed to climate-induced flood risks. Many rural communities are located in small towns situated within watershed areas, often in low-lying zones prone to flash floods and river flooding during periods of intense rainfall.

Climate projections indicate that rainfall in Moldova will become more irregular and intense. There is a 66% probability that, under climate change scenarios, precipitation will occur less frequently but with greater intensity. During the summer months, the number of wet days is expected to decrease, while the frequency and severity of extreme rainfall events are projected to rise. This shift increases the likelihood of damaging hydrometeorological events such as flash floods, hailstorms, and river floods, with serious consequences for lives, livelihoods, infrastructure, and ecosystems.

Despite these growing risks, Moldova's current monitoring and early warning systems are insufficient to provide timely, localized, and actionable information on flood hazards. The country has 50 automatic weather stations (AWS) and 53 hydrological stations (30 of them automatic), all transmitting real-time data. However, this network is limited and unevenly distributed, with most stations located along the country's two main border rivers - the Prut and the Dniester. As a result, interior regions and smaller river basins remain largely under-monitored, reducing the ability to detect and respond effectively to localized flood risks.

Moreover, the hazard maps used for flood risk management are outdated, and national institutions - including the State Hydro-meteorological Service (SHS) and the National Administration "Apele Moldovei" (NAAM) - currently lack the technical capacities and operational tools needed for hydrological and hydraulic modelling. This limits their ability to conduct robust risk assessments, forecast flash flood events, and issue effective early warnings at both national and sub-national levels.

In response to these challenges, the "Hydro-infrastructure rehabilitation to mitigate vulnerability to climate-driven extreme events in the Republic of Moldova" Project (hereinafter the Project), implemented by UNDP Moldova with the financial support of ADA, aims to strengthen Moldova's national capacity for climate risk reduction by improving flash flood monitoring and early warning systems.

To support the improvements, in 2025, the project procured, from OTT Hydromet GmbH (Germany), five (5) mini-Automatic Weather Stations (mini-AWS) and five (5) mini-Automatic Hydrological Stations (mini-AHS) and intends to contract under this assignment a specialized company to construct the infrastructure for installation of the stations in five project pilot areas. These actions will improve data integration and access, provide institutional support for hazard assessment and forecasting, as well as enhance national and local preparedness and resilience to climate-induced flood risks.

The locations for the weather and hydrological stations were identified, equipment procured, delivered and temporarily stored at SHS warehouse and the detailed technical design for each station was developed.

For the purposes of these activities, the beneficiary for the mini-AWSs is the SHS, and for the mini-AHSs - the NAAM. Each or both entities, as applicable, shall be referred to herein as the "Beneficiary(ies)".

## B. CONTENT OF WORKS

The Project is looking for a specialized and experienced company that will carry out the works for the construction of infrastructure for the installation of five (5) mini-AWS and five (5) mini-AHS in Copaceanca, Solonet, Bahu, Lapusna, and Ialpuș pilot areas.

The exact locations of project sites are listed in Table 1 below. No deviations from the proposed locations would be accepted.

**Table 1: Locations for installation of mini-AWSs and mini-AHSs**

| No. | The names of the project sites  | Cadastral number                    | Geographical Coordinates (MoldReff 99) |
|-----|---|-------------------------------------|--|
| 1   | Mini-AWS in Vasileuti village, Riscani District, Copaceanca Pilot Area  | 7154114.638                         | N 319303<br>E 133830                   |
| 2   | Mini-AHS in Nihoreni village, Riscani District, Copaceanca Pilot Area   | Mass delimitation <sup>1</sup>      | N 310242<br>E 138361                   |
| 3   | Mini-AWS in Singerei Noi village, Singerei District, Solonet Pilot Area | 7469206.067                         | N 288017<br>E 176673                   |
| 4   | Mini-AHS in Draganesti village, Singerei District, Solonet Pilot Area   | 7446216.028                         | N 286287<br>E 189006                   |
| 5   | Mini-AWS in Crasnaseni village, Telenesti District, Bahu Pilot Area     | 8928105.941                         | N 254825<br>E 199715                   |
| 6   | Mini-AWS in Boltun village, Nisporeni District, Lapusna Pilot Area      | Mass delimitation <sup>2</sup>      | N 209929<br>E 191493                   |
| 7   | Mini-AHS in Pascani village, Hincesti District, Lapusna Pilot Area      | 5354111.313                         | N 204044<br>E 197397                   |
| 8   | Mini-AHS in Sarata-Razesti village, Leova District, Lapusna Pilot Area  | Selective delimitation <sup>3</sup> | N 161701<br>E 191026                   |
| 9   | Mini-AWS in Maximeni village, Cimislia District, Ialpuș Pilot Area      | 2928204.066                         | N 159243<br>E 214980                   |
| 10  | Mini-AHS in Javgur village, Cimislia District, Ialpuș Pilot Area        | Selective delimitation <sup>4</sup> | N 155083<br>E 217084                   |

To support the construction works, the Detailed design and Bills of Quantities (BoQ) for each location were developed, and coordinated with the equipment delivery and installation company (OTT Hydromet GmbH, Germany), the beneficiaries, and the UNDP project team.

The scope of the Works in the mentioned project sites shall include, inter alia, the following activities:

- Mobilization, including submission of required documentation (work plan), deployment of personnel, mobilization of equipment and machinery, establishment of temporary facilities, utilities, safety arrangements, and all other preparatory activities necessary to commence the Works on each project site.
- Procurement, supply, transportation, and delivery to each project site of all materials, equipment, labor, and services, and incidental items necessary for the completion of the Works.
- Site establishment and preparation, including setting out, preparation of areas for material storage, temporary utilities, project site organization (warning and information signs and site identification board).

<sup>1</sup> The land plot is classified as public state property (water fund) and is currently subject to the ongoing mass delimitation process.

<sup>2</sup> The land plot is classified as public state property (water fund) and is currently subject to the ongoing mass delimitation process.

<sup>3</sup> The land plot is classified as public state property (water fund) and is currently subject to the ongoing selective delimitation process.

<sup>4</sup> The land plot is classified as public state property (water fund) and is currently subject to the ongoing selective delimitation process.

- Obtaining all permits, approvals, and authorizations required for the execution of the Works, and coordination with relevant authorities, as applicable.
- Execution and completion of the Works in accordance with the Technical Designs, approved drawings, the Bill of Quantities (BoQ), and the Contract.
- Implementation of occupational health and safety measures and environmental protection measures in compliance with applicable laws and UNDP and ADA requirements.
- Quality control, testing, inspections, and commissioning of the completed Works.
- Preparation and submission of as built documentation and other deliverables required under the Contract (site handover documentation, defect lists and confirmation of rectification, if any, warranty certificates, Material quality certificates/certificates of conformity, and other documents).
- Final commissioning of the construction works carried out, site cleaning, demobilization, and handover of the Works, including as-built drawings (for each site separately), leading to Taking-Over and Final Acceptance for payment.

All these activities shall be carried out in accordance with the provisions of the Detailed design and Bills of Quantities (BoQ), which are part of this RfQ and the legal framework applicable in the Republic of Moldova. The Contractor shall comply with labor and site protection and environmental protection measures, carry out the necessary works in compliance with the civil construction rules and standards, and ensure the commissioning of works.

All costs related to mobilization shall be deemed the Contractor's responsibility, and mobilization shall be carried out in accordance with the approved Work Plan.

Prior to the commencement of mobilization works, the Contractor shall prepare and coordinate with UNDP Project team a detailed Work Plan. The Work Plan shall be submitted within three (3) calendar days of the Contract signature date. The UNDP Project team will approve the plan after being coordinated with the SHS or NAAM (depending on the type of station), the UNDP-contracted technical supervisor, and the OTT Hydromet GmbH, Germany, a meteorological and hydrological equipment supplier.

For the conduct of the works, the Contractor shall appoint a minimum of 2 (two) Technical supervisors, duly certified in accordance with the applicable normative acts, to oversee the execution of civil and hydrotechnical works on site and to work in close coordination with the UNDP-contracted Construction Site Supervisor and the Beneficiaries.

Additionally, during the mobilization phase, the Contractor shall procure and/or print the official “**Technical Book**” template and complete it for each Site prior to commencement of the Works. The Technical Book shall be duly verified and signed by the Contractor’s authorized supervisors, the UNDP contracted Construction Site Supervisor, and any other experts required under applicable legislation and the specific nature of the works.

Prior to commencing mobilization at each Site, the Contractor shall notify the UNDP contracted Construction Site Supervisor, the Beneficiary, and the relevant local public authority of the planned start of activities.

**Important:** The Contractor shall carry out works **simultaneously in at least two project sites: one for mini-AWS and the other for mini-AHS** within the same region of the country, situated in close proximity to one another, to enable the efficient mobilization of all involved parties. For each project site where work is executed simultaneously, the Contractor shall assign a team of qualified workers to execute the full scope of work for the construction of mini-AWS and mini-AHS infrastructure. The Contractor shall equip each team with the necessary machinery and equipment to perform the works.

Transportation of materials, tools, subassemblies, and site personnel is the sole responsibility of the Contractor and is not subject to negotiation. **The Contractor is responsible for taking over the Equipment support pillars from the SHS warehouse (Republic of Moldova, Chisinau, 134 Grenoble street), shipping them to each site, and installing them, as requested in the Detailed design.**

The mechanical, physical, and chemical characteristics of the machines, mechanisms, equipment, and construction materials proposed by the Contractor must comply with the requirements of the Technical Specifications, BoQ, and execution drawings, as well as with the guidelines, requirements, and specifications set out in national construction norms. The machinery, mechanisms, machines, equipment, and construction materials delivered to the site must be accompanied by national and/or European **valid certificates of conformity**. New materials for which no applicable standard exists on the territory of the Republic of Moldova shall be supported by relevant technical approvals.

The Contractor must also ensure that all materials to be used under the contract are coordinated before execution with the UNDP-appointed Construction Site supervisor, the final Beneficiary, and the UNDP Moldova Project team, respectively, who are responsible for periodic monitoring of fieldwork.

All utility costs incurred during construction, including water and electricity for the duration of the works, shall be fully borne by the Contractor. The use of existing electricity and water supply sources available on the construction site is not permitted, unless otherwise agreed in writing between the Contractor and the owners of such sources.

The construction waste, as well as waste resulting from the scope of this work, shall be transported to an authorized landfill.

The Contractor shall be responsible for **ensuring the security of each of the 10 sites** throughout the mobilization and construction phases and up to the formal signing of the commissioning of the completed Works by all Parties.

The Contractor will supply and install the A0 informational panel made of 5 mm rigid PVC board, printed in full color on UV-laminated vinyl, mounted on a fence of each mini-AWS and mini-AHS site in a visible location, including all mandatory visibility elements in accordance with applicable communication guidelines. The final text and design will be coordinated with the UNDP Project team before putting it into production. The exact location will also be agreed upon with the UNDP Project team. The template for the informative board is presented in **Annex 7**.

**Important: Commissioning of the Works at each of the ten Sites shall take place only after all construction works have been fully completed by the Contractor, duly tested and verified by the UNDP contracted Construction Site supervisor, and following the installation of equipment by the OTT Hydromet GmbH (Germany) representative. Such commissioning should confirm that all civil and hydrological works have been properly executed and that the sites are suitable for the installation and operation of the equipment.**

The Contractor shall notify the UNDP project team and the UNDP-contracted Construction Site Supervisor, in writing, at least fifteen (15) calendar days prior to the anticipated completion of the works at all sites, to ensure proper coordination and scheduling of the equipment installation by UNDP team. The Contractor shall ensure that all conditions required for installation, including site readiness, access, completion of prerequisite works, and safety measures, are fully in place at the time of installation. The company responsible for the installation of mini-AWS and mini-AHS equipment - OTT Hydromet GmbH (Germany) - will undertake a single visit to Moldova to install the equipment at each station, immediately upon completion of construction works.

***Note for Vendors:***

The company participating in the tender procedure shall provide all resources, personnel, materials, equipment, and services necessary for the successful performance of the Contract.

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

**Please ensure that no changes in the volume of work are allowed; no changes in codes for work are allowed; no changes in the volumes of resources in the norms of materials, cost of labor, and tools are allowed; no changes in the coefficient for norms are allowed. Whenever technical specifications require a specific product or a specific brand/model, the Vendors may submit proposals for an alternative product that is**

**equivalent in all respects to the specified product and meets the requirements for physical, functional, and performance parameters.**

### **C. EXPECTED RESULTS**

In accordance with the current scope of work, the following two main results will be achieved:

#### **1) Civil works for the construction of infrastructure for the installation of five (5) mini-AWS carried out:**

The volume of work to be carried out is indicated in the Detailed design documents and BoQ.

Each mini-AWS consists of the following components:

- support mast for technological equipment and support for rain gauge (provided by the OTT Hydromet GmbH (Germany); to be transported from the SHS warehouse to the project sites and installed by the Contractor);
- support mast for video surveillance equipment (to be supplied and installed by the Contractor);
- automatic measurement equipment (provided and installed by the OTT Hydromet GmbH (Germany));
- rain gauge (to be provided and installed by the OTT Hydromet GmbH (Germany));
- video monitoring camera (to be procured and installed by the SHS, at a later stage);
- control panel (provided; to be installed by the OTT Hydromet GmbH (Germany));
- reinforced concrete foundations (to be built by Contractor);
- protective fencing (to be supplied and installed by the Contractor).

The execution of works shall follow the sequence below:

- site establishment (mobilization);
- setting out of works;
- execution of foundations;
- installation of fencing;
- finishing works;
- installation of equipment (by a specialized OTT Hydromet GmbH (Germany)).

The Contractor shall be responsible for ensuring the security of the Site throughout the mobilization and construction phases, and until the formal signing of the commissioning of the completed Works by all Parties.

Earthworks are minor or not applicable. Foundations for masts and equipment shall be constructed from cast-in-place reinforced concrete, in accordance with the design drawings. The depth of foundations shall be established based on local ground conditions and frost depth, as specified in the design documentation.

The Contractor shall construct **foundations** for:

- the metal mast supporting the equipment enclosure (provided by OTT Hydromet GmbH (Germany));
- the rain gauge support structure (provided by OTT Hydromet GmbH (Germany));
- the video surveillance mast (approx. height 3 m, supplied and installed by the Contractor);
- fence posts and access gate (supplied and installed by the Contractor).

The following **systems** should be installed by the Contractor:

- Lightning protection system, including grounding;
  - installation of a lightning rod;
  - grounding system connected to the main mast, with interconnection to the video mast and rain gauge support;
  - grounding resistance shall not exceed 4  $\Omega$ .
- Protective enclosure, including:
  - perimeter metal fence;
  - access gate;
  - metal posts fixed in reinforced concrete foundations.

The Contractor shall:

- procure the protective fence, gate, lightning protection system, and support mast for video surveillance equipment;
- ensure transportation and installation;
- install all components prior to equipment installation.

Locks and keys shall be supplied by the Contractor.

Additionally, the following outcomes are expected to be provided by the Contractor:

**Result 1:** Substantial completion of construction works, provided for in the contract documents, including the installation of the mini-AWS equipment, within a period not exceeding 90 calendar days from the date of signing the Contract.

Acceptance of Contractor's works shall include, inter alia, the following checks:

- verification of foundation stability;
- verification of the grounding system;
- verification of the integrity of the tubing;
- verification of the functionality of the lightning protection system.

Once the construction works are completed, the equipment installed by OTT Hydromet GmbH (Germany) and the execution and payment documents are submitted, the on-site works shall be substantially commissioned, in compliance with the provisions of the Urbanism and Construction Code No. 434/2023 and a Work Completion Certificate (Certificate of Substantial Completion) shall be issued.

**Result 2:** Final commissioning of the object, evidenced by issuance of the Certificate of Final Completion, within a period of up to 12 months, from the date of signature of the Certificate of Substantial Completion.

The 12-month period shall constitute the Defects Liability Period, calculated from the date of completion of the Works as stated in the Certificate of Substantial Completion issued by the Engineer, during which the Contractor shall remain responsible for remedying any defects, deficiencies, or outstanding works identified in relation to the completed Works. The Certificate of Final Completion shall be issued by the Engineer upon satisfactory completion of all outstanding works and remedy of any defects identified during the Defects Liability Period.

## **2) Civil works for the construction and installation of five (5) mini-AHS carried out:**

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

Each mini-AHS consists of the following components:

- hydrotechnical works for riverbed stabilization;
- hydrometric poles for water level measurement (to be supplied and installed by the Contractor);
- support mast for technological equipment and rain gauge (provided by OTT Hydromet GmbH (Germany); to be transported from the SHS warehouse to the project sites and installed by the Contractor);
- support mast for video surveillance equipment (to be supplied and installed by the Contractor);
- automatic measurement equipment (to be provided and installed by OTT Hydromet GmbH (Germany));
- rain gauge (to be provided and installed by OTT Hydromet GmbH (Germany));
- video monitoring camera (to be procured and installed by SHS at a later stage);
- control panel (to be provided and installed by OTT Hydromet GmbH (Germany));
- HDPE technical chamber (to be provided and installed by OTT Hydromet GmbH (Germany));
- reinforced concrete foundations;
- protective fencing (to be supplied and installed by the Contractor).

The execution of works shall follow the sequence below:

- site establishment (mobilization);
- setting out of works;
- earthworks;
- riverbed concrete stabilization works;
- installation of hydrometric poles;
- construction of foundations;
- Installation of masts/support for rain gauge.
- installation of fencing;
- finishing works;
- installation of equipment (by OTT Hydromet GmbH (Germany)).

Earthworks include:

- excavation;
- concreting;
- backfilling;
- temporary diversion of the water flow within the existing channel by controlled placement of excavated soil and installation of a temporary bypass pipe, in accordance with the design drawings (two-stage concrete pouring). Any alternative construction sequencing or concrete placement methods shall only be allowed with prior approval from the Beneficiary, UNDP-contracted Technical Supervisor, OTT Hydromet GmbH (Germany) and the Design Engineer.

The galvanized steel tube for the placement of the water-immersed level sensor and the hydrometric poles shall be installed in accordance with the design documentation.

The galvanized steel tube shall allow the free passage of the sensor; minimum bending radius of the tube: 1.50 m. The free passage of the sensor shall be tested using a rigid object of similar dimensions prior to backfilling or embedding the tube in concrete. The verification shall be carried out using a rigid control piece with the following specifications:

- diameter:  $\varnothing$  25 mm;
- length: 300 mm.

The free end of the tube shall extend approximately 50 mm, positioned at a height of 40-50 mm measured from the lower side of the tube to the bottom of the flow channel. A stopper pin (a threaded stainless-steel bolt-nut assembly, M10 tightening, 80-90 mm) shall be installed approximately 20-30 mm from the end of the tube, by drilling in a transverse plane, parallel to the direction of river flow. To ensure the pin effectively prevents the sensor from passing, it is recommended to cover the pin with a PPE tube (diameter:  $\varnothing$  20 mm, length: 40-50 mm). The lower end of the tube shall be in the riverbed, while the upper end shall terminate in the connection chamber. It shall be ensured that the total cable length required for connection does not exceed 25 m.

The hydrometric poles shall be installed in the riverbed in accordance with the design drawings. An overlap of 50 -100 mm shall be ensured between adjacent poles. Additionally, during installation, a reserve length of 100 mm is recommended, which shall be trimmed after level verification. Subsequently, the cap shall be welded and painted for each pole.

Local concreting of the riverbed shall be constructed from cast-in-place reinforced concrete, in accordance with the design drawings.

Corrugated conduits with smooth interior surfaces shall be installed as follows:

- from the service chamber to the metal mast;
- from the rain gauge to the electrical panel, routing through the center of the rain gauge foundation.

A prefabricated HDPE (High-Density Polyethylene) technical chamber shall be installed for maintenance of the water level sensor (at the transition from the galvanized steel tube to the corrugated conduit).

Foundations for masts and equipment shall be constructed from cast-in-place reinforced concrete, in accordance with the design drawings and quality of the concrete indicated in the BoQ. The depth of foundations shall be established based on local ground conditions and frost depth, as specified in the design documentation.

The Contractor shall construct foundations for:

- the metal mast supporting the equipment enclosure (provided by OTT Hydromet GmbH (Germany));
- the rain gauge support structure (provided by OTT Hydromet GmbH (Germany));
- the video surveillance mast (approx. height 3 m; supplied and installed by the Contractor);
- fence posts and access gate (supplied and installed by the Contractor).

The following systems should be installed:

- Lightning protection system, including grounding;
  - installation of a lightning rod;
  - grounding system connected to the main mast, with interconnection to the video mast and rain gauge support;
  - grounding resistance shall not exceed 4  $\Omega$ .
- Protective enclosure, including:
  - perimeter metal fence;
  - access gate;
  - metal posts fixed in reinforced concrete foundations.

The Contractor shall:

- procure the protective fence, gate, lightning protection system, HDPE technical chamber, and support mast for video surveillance equipment;
- ensure the transportation and installation of the above-mentioned components, as well as those supplied from the SHS warehouse;
- test the free passage of all components prior to backfilling or embedding the tube in concrete and installing the equipment.

Locks and keys shall be supplied by the Contractor.

Upon completion of the works, the riverbed and surrounding land shall be restored to their original condition, ensuring bank stability and normal water flow conditions.

Additionally, the following outcomes are expected to be provided by the Contractor:

**Result 1:** Substantial completion of construction works, provided for in the contract documents, including the installation of the mini-AHS equipment, within a period not exceeding 90 calendar days from the date of signing the Contract.

Acceptance of Contractor work shall include, inter alia, the following checks:

- verification of foundation stability;
- verification of the grounding system;
- verification of the free passage of the sensor;
- verification of the stopper pin;
- verification of the integrity of the tubing;
- verification of the functionality of the lightning protection system.

Once the construction works are completed, the equipment installed by OTT Hydromet GmbH (Germany) and the execution and payment documents are submitted, the on-site works shall be substantially commissioned, in compliance with the provisions of the Urbanism and Construction Code No. 434/2023 and a Work Completion Certificate (Certificate of Substantial Completion) shall be issued.

**Results 2:** Final commissioning of the object, evidenced by issuance of the Certificate of Final Completion, within a period of up to 12 months, from the date of signature of the Certificate of Substantial Completion.

The 12-month period shall constitute the Defects Liability Period, calculated from the date of completion of the Works as stated in the Certificate of Substantial Completion issued by the Engineer, during which the Contractor shall remain responsible for remedying any defects, deficiencies, or outstanding works identified in relation to the completed Works. The Certificate of Final Completion shall be issued by the Engineer upon satisfactory completion of all outstanding works and remedy of any defects identified during the Defects Liability Period.

#### **D. REGULATORY FRAMEWORK**

For the contract implementation, the contracted company shall be guided by the normative acts in force in the Republic of Moldova, specifically:

- I. The Urbanism and Construction Code No. 434/2023;
- II. NCM B.01.05:2025 - Urban planning;
- III. NCM B.01.03-2016 - Site planning (territorial systematization);
- IV. NCM F.01.03-2009 - Foundations;
- V. NCM D.01.03-2007 - Hydrotechnical Constructions. Basic Rules;
- VI. NCM A.08.02-2014 - Occupational safety and health in construction;
- VII. Other normative acts in force on the territory of the Republic of Moldova.

#### **E. INSTITUTIONAL ARRANGEMENT**

The project sites are located at:

- 1) Mini-AWS in Vasileuti village, Riscani District;
- 2) Mini-AHS in Nihoreni village, Riscani District;
- 3) Mini-AWS in Singereii Noi village, Singerei District;
- 4) Mini-AHS in Draganesti village, Singerei District;
- 5) Mini-AWS in Crasnaseni village, Telenesti District;
- 6) Mini-AWS in Boltun village, Nisporeni District;
- 7) Mini-AHS in Pascani village, Hincesti District;
- 8) Mini-AHS in Sarata-Razesii village, Leova District;
- 9) Mini-AWS in Maximeni village, Cimislia District;
- 10) Mini-AHS in Javgur village, Cimislia District.

Reporting on works executed shall take place at each project site through the submission of minutes of acceptance for the works carried out. The minutes shall be signed by the Contractor Manager and the certified Technical Supervisor, with the stamps applied, and forwarded for verification to the certified UNDP contracted Construction Site Supervisor and the Beneficiary's permanent representative. Subsequently, the Minutes of Acceptance and BOQ of the works carried out, signed by the certified Site Supervisor, will be approved by the UNDP.

**NOTE:** Payments shall be made upon achievement of the contractual milestones and subject to UNDP acceptance of the works. Payment of the final invoice shall be effected by UNDP after issuance of the Certificate of Final Completion by the Engineer.

**PAYMENTS:** Invoices shall be submitted by the Contractor to the UNDP Engineer upon achievement of the corresponding milestones:

| MILESTONE   | WEIGHT | TARGET DATE   |
|---|--------|---|
| <b>Milestone 1:</b><br>Completion of construction works at all 10 pilot sites, including issuance and approval of site-specific Minutes of Acceptance and BoQs confirming completion of works.  | 70%    | Up to 30 calendar days from the approval of Minutes of acceptance   |
| <b>Milestone 2:</b><br>Issuance of the Work Completion Certificate (Certificate of Substantial Completion), confirming that all 10 sites have been completed in full compliance with contractual requirements and equipment has been successfully installed at each pilot site. | 20%    | Within 30 calendar days from the signing of the Work Completion Certificate (Certificate of Substantial Completion)                           |
| <b>Milestone 3:</b><br>Issuance of the Certificate of Final Completion, confirming satisfactory completion of any outstanding works identified during the Defects Liability Period.   | 10%    | Within 28 calendar days after expiration of the 12-month Defects Liability Period, subject to issuance of the Certificate of Final Completion |

#### **F. OTHER RELATED REQUIREMENTS**

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

|   |   |
|---|---|
| Delivery Term [INCOTERMS 2010]                  | DDP - Riscani<br>DDP - Singerei<br>DDP - Telenesti<br>DDP - Nisporeni<br>DDP - Hincesti<br>DDP - Leova<br>DDP - Cimislia  |
| Exact Address of Delivery/Installation Location | <ol style="list-style-type: none"> <li>1) DDP - build-up area, Scolinaia street 29, Vasileuti village, Vasileuti commune, Riscani District, mini-AWS (N 319303; E 133830);</li> <li>2) DDP - outside the build-up area, Nihoreni village, Riscani District, mini-AHS (N 310242; E 138361);</li> <li>3) DDP - build-up area, street n/a, Singereii Noi village, Singereii Noi commune, Singerei District, mini-AWS (N 288017; E 176673);</li> <li>4) DDP - outside the build-up area, street n/a, Draganesti village, Singerei District, mini-AHS (N 286287; E 189006);</li> <li>5) DDP - build-up area, street n/a, Crasnaseni village, Telenesti District, mini-AWS (N 254825; E 199715) .</li> <li>6) DDP - build area, street n/a, Boltun village, Nisporeni District, mini-AWS (N 209929; E 191493);</li> <li>7) DDP - build area, street n/a, Pascani village, Pascani commune, Hincesti District, mini-AHS (N 204044; E 197397);</li> </ol> |

|                                |  |
|--------------------------------|--|
|                                | <p>8) DDP - outside the build-up area, street n/a, Sarata-Razesi village, Leova town, Leova District, mini-AHS (N 161701; E 191026);</p> <p>9) DDP - build area, street n/a, Maximeni village, Javgur commune, Cimisia District, mini-AWS (N 159243;E 214980);</p> <p>10) DDP - outside the build-up area, street n/a, Javgur village, Javgur commune, Cimisia District, mini-AWS (N 155083; E 217084).</p>  |
| Work Requirements              | All construction works must be carried out in accordance with national/local standards for civil works and hydrotechnical works.   |
| Commissioning of the works     | <p>Two stages of commissioning:</p> <ol style="list-style-type: none"> <li>1) Substantial Commissioning at the works completion (recepția la terminarea lucrărilor) and signature of Work Completion Certificate (Certificate of Substantial Completion);</li> <li>2) Final commissioning (recepția finală) within a period up to 12 months of Defect Liability Period and signature of the Certificate of Final Completion.</li> </ol> <p>All stages of the commissioning of the works must be initiated by the Contractor.</p> |
| Warranty Period                | <p>60 months for works and materials, following approval of Work Completion Certificate (Certificate of Substantial Completion), including:</p> <ul style="list-style-type: none"> <li>• 12 months of Defect Liability Period;</li> <li>• 48 months of Warranty Period (covered by national legislation<sup>1</sup>).</li> </ul> <p><sup>1</sup> LAW No. 721 of 02-02-1996 Quality in Construction</p>   |
| Insurance of Works             | Before commencing the execution of the Works, but without limiting his obligations and responsibility, the Contractor shall insure the Works for all risks stipulated by Clause 21 of UNDP General Conditions of Contract for Civil Works in amount of 110% of the total estimated price of the Contract.  |
| Liability Insurance            | Before commencing the execution of the Works, but without limiting his obligations and responsibility, the Contractor shall provide a Liability Insurance in accordance with Clause 23 of UNDP General Conditions of Contract for Civil Works for a minimum amount of 15% of the total estimated price of the Contract.  |
| Technical Support Requirements | The contracted company will eliminate any damage to objects subject to the quality guarantee within a maximum of 10 days from the date of written notification.  |
| Pricing                        | The contract is based on unit price, and the final price of the Contract will be determined on the basis of actual quantities of work utilized in the complete and satisfactory performance of the Works as certified by the UNDP-contracted Construction Site Supervisor and the unit prices contained in the Contractor's financial proposal. Such unit prices are fixed and are not subject to any variation whatsoever. Vendors shall quote reasonable   |

|   |  |
|---|--|
|   | Quotation prices with an acceptable margin of deviation in comparison to the local market prices at the time of quotations preparation. In case of unbalanced pricing (i.e. despite an acceptable total evaluated price, the price of one of more BoQ line items is significantly over- or underpriced), UNDP have the right to reject the unbalanced Quotation if it determines that the lack of balance does pose an unacceptable risk to UNDP). |
| Payment Terms   | Invoices shall be submitted by the Contractor to the UNDP Engineer upon achievement of the corresponding milestones, according to the Annex 1: Schedule of Requirements  |
| All documentation, including catalogs, instructions, and operating manuals, shall be in these languages | Romanian and/or English  |

## ANNEX 2: QUOTATION SUBMISSION FORM

Vendors are requested to complete this form, including the Company Profile and Vendor's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. Vendors 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 Vendor: | Click or tap here to enter text.   |                                     |
| RFQ reference:  | RFQ26/03286: Civil Works for the Construction of Infrastructure for Installation of five (5) Mini Automatic Weather Stations and Five (5) Mini Automatic Hydrological Stations | Date: Click or tap to enter a date. |

### Company Profile

| Item Description  | Detail  |
|---|---|
| Legal name of Vendor 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<br>If yes, insert UNGM Vendor Number |
| Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                      |
| Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):                | <input type="checkbox"/> Yes <input type="checkbox"/> No                                      |
| Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                      |
| Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable | <input type="checkbox"/> Yes <input type="checkbox"/> No                                      |

| 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   | <p>Bank Name: Click or tap here to enter text.</p> <p>Bank Address: Click or tap here to enter text.</p> <p>IBAN: Click or tap here to enter text.</p> <p>SWIFT/BIC: Click or tap here to enter text.</p> <p>Account Currency: Click or tap here to enter text.</p> <p>Bank Account Number: Click or tap here to enter text.</p> |   |  |                                |
| <b>Previous relevant experience:</b>   |  |   |  |                                |
| <b>At least 2 (two) similar contracts (in the field of civil and/or hydrotechnical construction works) with a value not less than 100,000 US\$ per contract, for the past 5 (five) years</b> |  |   |  |                                |
| 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 |
|  |  |   |  |                                |
|  |  |   |  |                                |
|  |  |   |  |                                |

#### Vendor'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 Vendor agrees to be bound by them.  |
| <input type="checkbox"/> | <input type="checkbox"/> | I/We confirm that the Vendor 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 Vendor: 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 Vendor has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the Vendor will report it immediately to the Procuring Organisation's Point of Contact.  |

| Yes                      | No                       |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Prohibitions and Sanctions:</b> I/We hereby declare that our firm, ultimate beneficial owners, affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. |
| <input type="checkbox"/> | <input type="checkbox"/> | <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 – WORKS

Vendors are requested to complete this form, sign it and return it as part of their quotation along with Annex 2 Quotation Submission Form. The Vendor 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 Vendor: | Click or tap here to enter text.   |                                     |
| RFQ reference:  | RFQ26/03286: Civil Works for the Construction of Infrastructure for Installation of five (5) Mini Automatic Weather Stations and Five (5) Mini Automatic Hydrological Stations | Date: Click or tap to enter a date. |

#### Technical Offer

Provide the following:

- a brief description of the company's qualifications and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;
- team composition and CVs of key personnel, and Certificates for the 2 proposed Technical Supervisors for civil work and hydrotechnical works.

#### Financial Offer

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

| No.        | Description of Works (Please refer to the detailed BoQ)   | Total Price (VAT 0%)<br><i>(insert currency)</i> |
|------------|---|--|
| <b>I</b>   | <b>Works for the construction of Mini-AWS in Vasileuti village, Riscani District, Copaceanca Pilot Area, including:</b>   |  |
| 2-1-5      | Construction and installation works   |  |
| <b>II</b>  | <b>Works for the construction of Mini-AHS in Nihoreni village, Riscani District, Copaceanca Pilot Area, including:</b>    |  |
| 2-1-3      | Construction and installation works   |  |
| <b>III</b> | <b>Works for the construction of Mini-AWS in Singereii Noi village, Singerei District, Solonet Pilot Area, including:</b> |  |
| 2-1-4      | Construction and installation works   |  |
| <b>IV</b>  | <b>Works for the construction of Mini-AHS in Draganesti village, Singerei District, Solonet Pilot Area, including:</b>    |  |
| 2-1-1      | Construction and installation works   |  |
| <b>V</b>   | <b>Works for the construction of Mini-AWS in Crasnaseni village, Telenesti District, Bahu Pilot Area, including:</b>      |  |
| 2-1-2      | Construction and installation works   |  |
| <b>VI</b>  | <b>Works for the construction of Mini-AWS in Boltun village, Nisporeni District, Lapusna Pilot Area, including:</b>       |  |
| 2-1-1      | Construction and installation works   |  |
| <b>VII</b> | <b>Works for the construction of Mini-AHS in Pascani village, Hincesti District, Lapusna Pilot Area, including:</b>       |  |
| 2-1-4      | Construction and installation works   |  |

|             |   |  |
|-------------|---|--|
| <b>VIII</b> | <b>Works for the construction of Mini-AHS in Sarata-Razesti village, Leova District, Lapusna Pilot Area, including:</b> |  |
| 2-1-5       | Construction and installation works   |  |
| <b>IX</b>   | <b>Works for the construction of Mini-AWS in Maximeni village, Cimisia District, Ialpuug Pilot Area, including:</b>     |  |
| 2-1-3       | Construction and installation works   |  |
| <b>X</b>    | <b>Works for the construction of Mini-AHS in Javgur village, Cimisia District, Ialpuug Pilot Area, including:</b>       |  |
| 2-1-2       | Construction and installation works   |  |
| <b>XI</b>   | <i>Other costs, including:</i>  |  |
| 1           | <i>Cost of insurances (Insurance of works, Liability insurance)</i>   |  |
| 2           | <i>10 Technical books</i>   |  |
|             | <b>TOTAL and All-inclusive PRICE (VAT 0%) [Please insert currency]</b>  |  |

### Compliance with Requirements

| Requirements   | You Responses            |                          |   |
|--|--------------------------|--------------------------|---|
|  | Yes, we will comply      | No, we cannot comply     | If you cannot comply, pls. indicate counter - offer |
| Delivery Lead Time - 90 days   | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| Validity of Quotation – 90 days  | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| Payment terms  | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| Minimum warranty on works and materials: 5 years   | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| <i>Installation Requirements</i><br>All the works must be carried out in accordance with national/local standards regarding civil works  | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| List of transportation and specialized equipment units to be confirmed with the rights of ownership or contract of lease and availability of the functioning permit in line with national legislation  | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| <i>Commissioning</i><br>Preliminary and final commissioning of the works must be initiated by the Vendor   | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| <i>Technical Support Requirements</i><br>The contracted company will eliminate any infrastructure damages subject to quality guaranty in maximum ten (10) days from the moment of written notification | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |
| All Provisions of the UNDP General Terms and Conditions accepted   | <input type="checkbox"/> | <input type="checkbox"/> | Click or tap here to enter text.                    |

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

*Exact name and address of company*

Company Name Click or tap here to enter text.

Address: Click or tap here to enter text.

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

Email Address: Click or tap here to enter text.

Authorized Signature: \_\_\_\_\_

\_\_\_\_\_

Date: Click or tap here to enter text.

Name: Click or tap here to enter text.

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

Email Address: Click or tap here to enter text.

## ANNEX 7: TEMPLATE OF INFORMATIVE BOARD



**Serviciul Hidrometeorologic de Stat**  
**Postul hidrometric**  
**UNGURI**  
**Hmax: 640 cm, 2022**

*Instalat în 2025 cu suportul financiar al Suediei,  
în cadrul proiectului PNUD Moldova „Sprijinirea autorităților Republicii  
Moldova în managementul durabil al Râului Nistru”.*