



# **INVITATION TO BID (ITB)**

**ITB26/03170: Strengthening the Air Quality Monitoring Infrastructure in  
the Republic of Moldova**

**Project: Enabling an Inclusive Green Transition in the Republic of Moldova**

**Country: Moldova, Republic of**



## SECTION 1: LETTER OF INVITATION

United Nations Development Programme, hereinafter referred to as UNDP, through the [Enabling an Inclusive Green Transition in the Republic of Moldova](#) Project, hereby invites prospective bidders to submit a bid for the **strengthening of the national air quality monitoring infrastructure of the Republic of Moldova, through delivering, installation, and commissioning of 10 (ten) fully functional and EU-compliant air quality monitoring stations, and upgrading 2 stations that are currently operational, and integrating them into the National Air Quality Monitoring and System**, in accordance with the General Conditions of Contract and the Schedule of Requirements as set out in this Invitation to Bid (ITB).

To enable you to submit a bid, please read the following attached documents carefully.

Section 1: This Letter of Invitation

Section 2: Instructions to Bidders

Section 3: Data Sheet

Section 4: Evaluation Criteria

Section 5: Schedule of Requirements

- *Annex 1: Equipment, Services and Technical Specifications*

Section 6: Conditions of Contract and Contract Forms

Section 7: Bidding Forms

- Form A: Bid Confirmation
- Form B: Checklist
- Form C: Bid Submission
- Form D: Bidder Information
- Form E: Joint Venture/Consortium/Association Information
- Form F: Eligibility and Qualification
- Form G: Technical Bid
  - *Annex 2: Technical Responsiveness Table*
- Form H: Price Schedule
- Form I: Bid Security

When preparing your bid, please be guided by the ITB Instructions and Data Sheet. Please note that bids must be submitted directly in the system responding to the questions and uploading required documents by the deadline for submission of bids (date and time), indicated in the online system. System will not accept submission of any bid after that date and time. It is your responsibility to ensure that your bid is submitted before the deadline. Bids received after the submission deadline outside the online portal, for whatever reason, will not be considered for evaluation.

Bids must be submitted directly in Quantum NextGenERP supplier portal following this 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-00894** and subscribe to the tender in order to get notifications in case of amendments of the tender document and requirements.



In case you have never registered before, follow this link to register a profile: [\*\*Supplier Portal Registration Link\*\*](#).

**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 Invitation to Bid, Schedule of Requirements or other requirements, kindly communicate using the messaging functionality in the portal.

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

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

Thank you and we look forward to receiving your bid.

UNDP Moldova



## SECTION 2: INSTRUCTIONS TO BIDDERS

<b>GENERAL PROVISIONS</b>	
<b>1. Scope</b>	<p>Bidders are invited to submit a bid for the UNDP Project specified in Section 5: Schedule of Requirements, in accordance with this Invitation to Bid (ITB). A summary of the scope of the bid is included in Section 3: Data Sheet.</p> <p>Bidders shall adhere to all the requirements of this ITB, including any amendment made in writing by UNDP. This ITB is conducted in accordance with Policies and Procedures of UNDP which can be accessed at <a href="https://popp.undp.org/SitePages/POPPRoot.aspx">https://popp.undp.org/SitePages/POPPRoot.aspx</a>.</p>
<b>2. Interpretation of the ITB</b>	<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 ITB.</p>
<b>3. Supplier Code of Conduct</b>	<p>All bidders 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, suppliers should note that certain provisions of the Code of Conduct will be binding on the supplier in the event that the supplier is awarded a contract, pursuant to the terms and conditions of any such contract.</p> <p>The bidder must acknowledge that UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices. 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_a_ninvestigation.html#anti">http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_a_ninvestigation.html#anti</a></p> <p>In pursuance of this policy, UNDP:</p> <ul style="list-style-type: none"><li>(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;</li><li>(b) Further to the UNDP's vendor sanctions policy, 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.</li></ul>
<b>4. Eligible bidders/Conflict of Interest</b>	<p>Bidders shall have the legal capacity to enter into a binding contract with UNDP.</p> <p>A bidder, and all parties constituting the bidder, may have the nationality of any country with the exception of the nationalities, if any, listed in Section 3: Data Sheet. A bidder shall be deemed to have the nationality of a country if the bidder is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country.</p> <p>All bidders found to have a conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest if they are or have been associated in the past, with a firm or any of its affiliates that have been engaged by UNDP to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods, services or works required in the present procurement process and/or are found to be in conflict for any other reason, as may be established by, or at the discretion of UNDP.</p> <p>In the event of any uncertainty in the interpretation of a potential conflict of interest, Bidders must disclose to UNDP, and seek UNDP's confirmation on whether or not such conflict exists.</p> <p>Similarly, the Bidders must disclose in their Bid their knowledge of the following:</p>

	<p>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 ITB; and</p> <p>b) All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices.</p> <p>Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.</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 ITB, Samong others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p> <p>Bidders shall not be eligible to submit a bid if at the time of bid submission:</p> <ul style="list-style-type: none"> <li>• is included in the Ineligibility List, hosted by <a href="#">UNGM</a>, that aggregates information disclosed by Agencies, Funds or Programs of the UN System;</li> <li>• is included in the <a href="#">Consolidated United Nations Security Council Sanctions List</a>, including the <a href="#">UN Security Council Resolution 1267/1989 list</a>;</li> <li>• is included in the <a href="#">World Bank Corporate Procurement Listing of Non-Responsible Vendors</a> and <a href="#">World Bank Listing of Ineligible Firms and Individuals</a>.</li> </ul>
<b>5. Eligible goods, works and services</b>	<p>All goods, works and/or services to be supplied under the contract shall have their origin in any country with the exception of the countries, if any, listed in Section 3: Data Sheet, and all expenditures made under the contract will be limited to such goods, works and services.</p> <p>For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.</p> <p>The origin of goods, works and services is distinct from the nationality of the bidder.</p>
<b>6. Proprietary information</b>	<p>The ITB documents and any specifications, plans, drawings, patterns, samples or information issued or furnished by UNDP are issued solely for the purpose of enabling a bid to be completed and may not be used for any other purpose. The ITB documents and any additional information provided to bidders shall remain the property of UNDP. All documents which may form part of the bid will become the property of UNDP, who will not be required to return them to your firm.</p>
<b>7. Publicity</b>	<p>During the ITB process, a bidder is not permitted to create any publicity in connection with the ITB.</p>
<b>SOLICITATION DOCUMENTS</b>	
<b>8. Clarification of solicitation documents</b>	<p>Bidders may request clarifications on any of the ITB documents no later than the date indicated in Section 3: Data Sheet. Any request for clarification must be sent in writing in the manner indicated in Section 3: Data Sheet. Explanations or interpretations provided by personnel other than the named contact person will not be considered binding or official.</p> <p>UNDP will provide the responses to clarifications through the method specified in Section 3: Data Sheet.</p>

	UNDP shall endeavour to provide responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the bids, unless UNDP deems that such an extension is justified and necessary.
<b>9. Amendment of solicitation documents</b>	<p>At any time prior to the deadline of bid submission, UNDP may for any reason, such as in response to a clarification requested by a bidder, modify the ITB in the form of an amendment to the ITB. Amendments will be made available to all prospective bidders.</p> <p>If the amendment is substantial, UNDP may extend the Deadline for submission of bid to give the bidders reasonable time to incorporate the amendment into their bids.</p>
<b>PREPARATION OF BIDS</b>	
<b>10. Cost of preparation of bid</b>	The bidder shall bear all costs related to the preparation and/or submission of the bid, regardless of whether its bid is selected or not. UNDP shall not be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.
<b>11. Language</b>	The bid, as well as any and all related correspondence exchanged by the bidder and UNDP, shall be written in the language(s) specified in Section 3: Data Sheet.
<b>12. Documents comprising the bid</b>	<p>The bid shall comprise of the following documents and related forms which details are provided in Section 3: Data Sheet:</p> <p>a) Documents establishing the eligibility and qualifications of the bidder;  b) Technical bid  c) Price Schedule  d) Bid Security (if required)  e) Advance Payment Guarantee (if required)  f) Performance Security (if required)  g) Any attachments and/or appendices to the bid.</p>
<b>13. Documents establishing eligibility and qualifications of the bidder</b>	The bidder shall furnish documentary evidence of its status as an eligible and qualified vendor, using the Forms provided in Section 7 and providing the documents required in those forms. In order to award a contract to a bidder, its qualifications must be documented to UNDP's satisfaction.
<b>14. Technical bid</b>	The bidder is required to submit a technical bid using the Form provided in Section 7 and taking into consideration the requirements in the ITB.
<b>15. Price Schedule</b>	<p>The Price Schedule shall be prepared using the Form provided in Section 7 and taking into consideration the requirements in the ITB.</p> <p>The prices and discounts quoted by the bidder shall conform to the requirements specified below.</p> <ul style="list-style-type: none"> <li>• All items and lots (if applicable) must be listed and priced separately.</li> <li>• The price to be quoted shall be the total price of the bid, excluding any discounts offered.</li> <li>• The bidder shall quote any unconditional discounts and indicate the method for their application.</li> <li>• The INCOTERM shall be governed by the rules prescribed in the 2020 edition of INCOTERMS, published by The International Chamber of Commerce. The INCOTERM rules and place of destination is specified in Section 5: Schedule of Requirements.</li> <li>• Prices quoted by the bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in Section 3: Data Sheet. A bid submitted with an adjustable price shall be treated as non-compliant and shall be rejected. However, if in accordance with Section 3: Data Sheet, prices quoted by the bidder shall be subject</li> </ul>

	<p>to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.</p> <ul style="list-style-type: none"> <li>• If indicated in Section 3: Data Sheet that bids are being invited for individual contracts (lots) and unless otherwise indicated in Section 3: Data Sheet, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Lot shall specify the applicable price reduction.</li> </ul>
<b>16. Bid currencies</b>	<p>All prices shall be quoted in the currency or currencies indicated in Section 3: Data Sheet. Where bids are quoted in different currencies, for the purposes of comparison of all bids:</p> <ul style="list-style-type: none"> <li>• UNDP will convert the currency quoted in the bid into the UNDP preferred currency, in accordance with the prevailing UN Operational Rate of Exchange on UNDP; and</li> <li>• In the event that UNDP selects a bid for award that is quoted in a currency different from the preferred currency in Section 3: Data Sheet, UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.</li> </ul>
<b>17. Duties and taxes</b>	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, <i>inter alia</i>, that the United Nations, including UNDP as a subsidiary organ, 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 bids shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified in Section 3: Data Sheet.</p>
<b>18. Bid validity period</b>	<p>Bids shall remain valid for the period specified in Section 3: Data Sheet, commencing on the deadline for submission of bids. A bid valid for a shorter period may be rejected by UNDP and rendered non-responsive.</p> <p>During the bid validity period, the bidder shall maintain its original bid without any change, including the availability of the key personnel, the proposed rates and the total price.</p> <p>In exceptional circumstances, prior to the expiration of the bid validity period, UNDP may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing, and shall be considered integral to the bid.</p> <p>If the bidder agrees to extend the validity of its bid, it shall be done without any change to the original bid, but will be required to extend the validity of the bid security, if required, for the period of the extension, and in compliance with Article 19 (Bid security) in all respects.</p> <p>The bidder has the right to refuse to extend the validity of its bid without forfeiting the bid security, if required, in which case, the bid shall not be further evaluated.</p>
<b>19. Bid Security</b>	<p>A bid security, if required by Section 3: Data Sheet, shall be provided in the amount and form indicated in the Section 3: Data Sheet. The bid security shall be valid for a minimum of thirty (30) days after the final date of validity of the bid.</p> <p>The bid security shall be included along with the bid. If a bid security is required by the ITB but is not found in the bid, the offer shall be rejected.</p> <p>If the bid security amount or its validity period is found to be less than is required by UNDP, UNDP shall reject the bid.</p> <p>In the event an electronic submission is allowed in Section 3: Data Sheet, bidders shall include a copy of the bid security in their bid and the original of the bid security must be sent via courier or hand delivery as per the instructions in Section 3: Data Sheet.</p> <p>Unsuccessful bidders' bid securities will be discharged/returned as promptly as possible but no later</p>

	<p>than thirty (30) days after the expiration of the period of bid validity prescribed by UNDP pursuant to Article 18 (Bid Validity Period).</p> <p>The bid security may be forfeited by UNDP, and the bid rejected, in the event of any, or combination, of the following conditions:</p> <ul style="list-style-type: none"> <li>• If the bidder withdraws its offer during the period of the bid validity specified in Section 3: Data Sheet, or;</li> <li>• In the event the successful bidder fails:           <ul style="list-style-type: none"> <li>○ to sign the Contract after UNDP has issued an award; or</li> <li>○ to furnish the Performance Security, insurances, or other documents that UNDP may require as a condition precedent to the effectivity of the contract that may be awarded to the bidder.</li> </ul> </li> </ul>
<b>20. 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 bid, each such legal entity will confirm in their joint bid that:</p> <ul style="list-style-type: none"> <li>• 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, and this will be evidenced by a duly notarised Agreement among the legal entities, which will be submitted along with the bid; and</li> <li>• if they are awarded the contract, the contract shall be entered into by and between UNDP and the designated lead entity, who will be acting for and on behalf of all the member entities comprising the joint venture.</li> </ul> <p>After the deadline for submission of bid, the lead entity identified to represent the JV, Consortium or Association shall not be altered without the prior written consent of UNDP.</p> <p>If a JV, Consortium or Association's bid is the bid selected for award, UNDP will award the contract to the joint venture, in the name of its designated lead entity. The lead entity will sign the contract for and on behalf of all other member entities.</p> <p>The lead entity and the member entities of the JV, Consortium or Association shall abide by the provisions of Article 21 (Only one Bid) herein in respect of submitting only one bid.</p> <p>The description of the organization of the JV, Consortium or Association must clearly define the expected role of each of the entities in the joint venture in delivering the requirements of the ITB, both in the bid and the JV, Consortium or Association Agreement. All entities that comprise the JV, Consortium or Association shall be subject to the eligibility and qualification assessment by UNDP.</p> <p>A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:</p> <ul style="list-style-type: none"> <li>• Those that were undertaken together by the JV, Consortium or Association; and</li> <li>• Those that were undertaken by the individual entities of the JV, Consortium or Association.</li> </ul> <p>Previous contracts completed by individual experts working privately but who are permanently or were temporarily associated with any of the member firms cannot be claimed as the experience of the JV, Consortium or Association or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials.</p> <p>JV, Consortium or Associations are encouraged for high value, multi-sectoral requirements when the spectrum of expertise and resources required may not be available within one firm.</p>
<b>21. Only one bid</b>	<p>The bidder (including the individual members of any Joint Venture) shall submit only one bid, either in its own name or as part of a Joint Venture.</p> <p>Bids submitted by two (2) or more bidders shall all be rejected if they are found to have any of the</p>

	<p>following:</p> <ul style="list-style-type: none"> <li>• they have at least one controlling partner, director or shareholder in common; or</li> <li>• any one of them receive or have received any direct or indirect subsidy from the other/s; or</li> <li>• they have the same legal representative for purposes of this ITB; 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 ITB 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 some key personnel proposed to be in the team of one bidder participates in more than one bid received for this ITB process. This condition relating to the personnel, does not apply to subcontractors being included in more than one bid.</li> </ul>
<b>22. Alternative bids</b>	<p>Unless otherwise specified in Section 3: Data Sheet, alternative bids shall not be considered. If submission of alternative bid is allowed in Section 3: Data Sheet, a bidder may submit an alternative bid, but only if it also submits a bid conforming to the ITB requirements. 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 bid.</p> <p>If multiple/alternative bids are being submitted, they must be clearly marked as "Main Bid" and "Alternative Bid". If no indication is provided as to which bid is the main bid and which is/are the alternative bid(s), then all bids will be rejected.</p>
<b>23. Pre-bid conference</b>	<p>When appropriate, a pre-bid conference will be conducted at the date, time and location and according to any instructions specified in Section 3: Data Sheet.</p> <p>If it is stated in Section 3: Data Sheet that the pre-bid conference is mandatory, a bidder which does not attend the pre-bid conference shall become ineligible to submit a bid under this ITB.</p> <p>If it is stated in Section 3: Data Sheet that the pre-bid conference is not mandatory, non-attendance shall not result in disqualification of an interested bidder.</p> <p>UNDP will not issue any formal answers to questions from bidders regarding the ITB or bid process during the pre-bid conference. All questions shall be submitted in accordance with Article 41 (Clarification of Bids).</p> <p>The pre-bid conference shall be conducted for the purpose of providing background information only. Without limiting Article 26 (Bidders Responsibility) bidders shall not rely upon any information, statement or representation made at the pre-bid conference unless that information, statement or representation is confirmed by UNDP in writing.</p> <p>Minutes of the pre-bid conference will be disseminated as specified in Section 3: Data Sheet. No verbal statement made during the conference shall modify the terms and conditions of the ITB, unless specifically incorporated in the minutes of the bidder's conference or issued/posted as an amendment to ITB.</p>
<b>24. Site inspection</b>	<p>When appropriate, a site inspection will be conducted at the date, time and location and according to any instructions specified in Section 3: Data Sheet.</p> <p>If it is stated in Section 3: Data Sheet that the site inspection is mandatory, a bidder which does not attend the site inspection shall become ineligible to submit a bid under this ITB.</p> <p>If it is stated in Section 3: Data Sheet that the site inspection is not mandatory, non-attendance, shall not result in disqualification of an interested bidder.</p>

	<p>Bidders participating in a site inspection shall be responsible for making and obtaining any visa arrangements that may be required for the bidders to participate in a site inspection.</p> <p>Prior to attending a site inspection, bidders shall execute an indemnity and a waiver releasing UNDP in respect of any liability that may arise from:</p> <ul style="list-style-type: none"> <li>(i) loss of or damage to any real or personal property;</li> <li>(ii) personal injury, disease or illness to, or death of, any person;</li> <li>(iii) financial loss or expense, arising out of the carrying out of that site inspection; and</li> <li>(iv) transportation by UNDP to the site (if provided) as a result of any accidents or malicious acts by third parties.</li> </ul> <p>will not issue any formal answers to questions from bidders regarding the ITB or bid process during a site inspection. All questions shall be submitted in accordance with Article 8 (Clarification of solicitation documents).</p> <p>A site inspection will be conducted for the purpose of providing background information only. Without limiting Article 26 (Bidders Responsibility), bidders shall not rely upon any information, statement or representation made at a site inspection unless that information, statement or representation is confirmed by UNDP in writing.</p>
<b>25. Errors or omissions</b>	<p>Bidders shall immediately notify UNDP in writing of any ambiguities, errors, omissions, discrepancies, inconsistencies or other faults in any part of the ITB, with full details of those ambiguities, errors, omissions, discrepancies, inconsistencies or other faults.</p> <p>Bidders shall not benefit from such ambiguities, errors, omissions, discrepancies, inconsistencies or other faults.</p>
<b>26. Bidders responsibility to inform themselves</b>	<p>Bidders shall be responsible for informing themselves in preparing their bid. In this regard, bidders shall ensure that they:</p> <ul style="list-style-type: none"> <li>• examine and fully inform themselves in relation to all aspects of the ITB, including the Contract and all other documents included or referred to in this ITB;</li> <li>• review the ITB to ensure that they have a complete copy of all documents;</li> <li>• obtain and examine all other information relevant to the project and the scope of the requirements available on reasonable enquiry;</li> <li>• verify all relevant representations, statements and information, including those contained or referred to in the ITB or made orally during any clarification meeting or site inspection or any discussion with UNDP, its employees or agents;</li> <li>• attend any Pre-bid conference or site inspection if it is mandatory under this ITB;</li> <li>• fully inform and satisfy themselves as to requirements of any relevant authorities and laws that apply, or may in the future apply, to the supply of the goods, works and/or services; and</li> <li>• form their own assessment of the nature and extent of the goods, works and /or services required as included in Section 5: Schedule of Requirements and properly account for all requirements in their bid.</li> </ul> <p>Bidders acknowledge that UNDP, its directors, employees and agents make no representations or warranties (express or implied) as to the accuracy, currency or completeness of this ITB or any other information provided to the bidders.</p>
<b>27. No material change(s) in circumstances</b>	<p>The bidder shall inform UNDP of any change(s) of circumstances arising during the ITB process, including but not limited to:</p> <ul style="list-style-type: none"> <li>• a change affecting any declaration, accreditation, license or approval;</li> </ul>

	<ul style="list-style-type: none"> <li>• major re-organisational changes, company re-structuring, a take-over, buy-out or similar event(s) affecting the operation and/or financing of the bidder or its major sub-contractors;</li> <li>• a change to any information on which UNDP may rely in assessing bids.</li> </ul>
<b>SUBMISSION AND OPENING OF BIDS</b>	
<b>28. Instruction for bid submission</b>	<p>The bidder shall submit a duly signed and complete bid comprising the documents and forms in accordance with requirements in Section 3: Data Sheet. The Price Schedule shall be submitted together with the Technical Bid. The bid shall be delivered according to the method specified in Section 3: Data Sheet.</p> <p>The bid shall be signed by the bidder or person(s) duly authorized to commit the bidder. The authorization shall be communicated through a document evidencing such authorization issued by the legal representative of the bidding entity, or, if requested, a Power of Attorney, accompanying the bid.</p> <p>Bidders must be aware that the mere act of submission of a bid, in and of itself, implies that the bidder fully accepts the UNDP General Conditions of Contract.</p> <p>Electronic submission through the portal, if allowed as specified in the BDS, shall be governed as follows:</p> <ul style="list-style-type: none"> <li>• Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS;</li> <li>• Documents which are required to be in original form (e.g. Bid Security, etc.) must be sent via courier or hand delivered as per the instructions in BDS.</li> </ul>
<b>29. Deadline for bid submission</b>	<p>Complete bids must be received by UNDP in the manner, and no later than the date and time, specified in Section 3: Data Sheet. If any doubt exists as to the time zone in which the Bid should be submitted, refer to <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a>. It shall be the sole responsibility of the bidders to ensure that their bid is received by the closing date and time. UNDP shall accept no responsibility for bids that arrive late due to the courier company or any technical issues and shall only recognise the actual date and time that the bid was received by UNDP.</p> <p>UNDP may, at its discretion, extend this deadline for the submission of bids by amending the solicitation documents in accordance with Article 9 Amendment of solicitation documents. In this case, all rights and obligations of UNDP and bidders subject to the previous deadline will thereafter be subject to the new deadline as extended.</p>
<b>30. Withdrawal, substitution and modification of bids</b>	<p>A bidder may withdraw, substitute or modify its bid after it has been submitted at any time prior to the deadline for submission by sending a written notice to UNDP, duly signed by an authorized representative and shall include a copy of the authorization (or a Power of Attorney). The corresponding substitution or modification of the bid, if any, must accompany the respective written notice. All notices must be submitted in the same manner as specified for submission of bids, by clearly marking them as "WITHDRAWAL", "SUBSTITUTION" OR "MODIFICATION".</p> <p>However, after the deadline for bid submission, the bids shall remain valid and open for acceptance by UNDP for the entire bid validity period, as may be extended.</p> <p>Quantum: A Bidder may modify its Bid by revising the Bid directly in the system. It is the responsibility of the Bidder to properly follow the system instructions, duly revise and submit a modification of the Bid as needed. Detailed instructions on how to revise a Bid directly in the system are provided in the Bidder User Guide.</p>

<b>31. Storage of bids</b>	Bidders are encouraged to submit their bid in good time to avoid last minute challenges. Bids submitted in the supplier portal are kept confidential and secure by the system and no one in the organization has access to such information until deadline has passed and bids have been opened.
<b>32. Bid opening</b>	Once deadline has passed, bids will be opened for evaluation as per the UNDP evaluation procedures. If Public Bid Opening is provisioned, a Public Bid Opening report will be sent automatically by the system to all bidders who have posted a successful bid indicating names of the companies and their total bid price.
<b>33. Late bids</b>	In exceptional circumstances, bid received outside portal within or after deadline may be accepted if it is determined that it was due to factors not reasonably foreseen by the bidder or was due to force majeure.  Such bids received by UNDP will be destroyed unless the bidder requests that it be returned and assumes the responsibility and expenses for the re-possession of the returned bidding documents.
<b>EVALUATION OF BIDS</b>	
<b>34. Confidentiality</b>	Information relating to the examination, evaluation, and comparison of bids, and the recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process, even after publication of the contract award.  Any effort by a bidder or anyone on behalf of the bidder to influence UNDP in the examination, evaluation and comparison of the bids or contract award decisions may, at UNDP's decision, result in the rejection of its bid and may subsequently be subject to the application of prevailing UNDP's vendor sanctions procedures.
<b>35. Evaluation of bids</b>	UNDP shall evaluate a bid using only the methodologies and criteria defined in this ITB. No other criteria or methodology shall be permitted.  UNDP shall conduct the evaluation solely on the basis of the bids received according to the evaluation criteria in Section 4.  Evaluation of bids shall be undertaken in the following steps: <ol style="list-style-type: none"> <li>Preliminary examination</li> <li>Evaluation of eligibility and qualification</li> <li>Evaluation of technical bids</li> <li>Evaluation of prices of bids found to be substantially compliant</li> </ol> Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary After completion of the evaluation, but prior to award, UNDP shall conduct a Post-qualification assessment of the bidder recommended for award (if pre-qualification was not done) as per Article 40 (Post-qualification).
<b>36. Preliminary examination</b>	UNDP shall examine the bids to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, and whether the bids are generally in order, among other indicators that may be used at this stage. UNDP reserves the right to reject any bid at this stage.
<b>37. Evaluation of eligibility and qualification</b>	Eligibility and Qualification of the bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in Section 4: Evaluation Criteria and in Article 4 (Eligible Bidders).  In general terms, vendors that meet the following criteria may be considered qualified: <ol style="list-style-type: none"> <li>They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and</li> </ol>

	<p>terrorist financiers, and in UNDP's ineligible vendors' list;</p> <p>b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments;</p> <p>c) They have the necessary similar experience, technical expertise, production capacity, quality certifications, quality assurance procedures and other resources applicable to the supply of goods and/or services required;</p> <p>d) They are able to comply fully with the UNDP General Terms and Conditions of Contract;</p> <p>e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and</p> <p>f) They have a record of timely and satisfactory performance with their clients.</p>
<b>38. Evaluation of technical bids</b>	<p>Technical evaluation will be conducted to establish substantial compliance, as per the criteria included in Section 4: Evaluation Criteria. When the bid varies in one or more aspect/s from the minimum technical specifications and/or delivery requirements specified in Section 5: Schedule of Requirements, the bid will not be considered substantially compliant and will not be evaluated further.</p> <p>When necessary, and if stated in the BDS, UNDP may invite technically responsive bidders for a presentation related to their technical Bids. The conditions for the presentation shall be provided in the bid document where required.</p>
<b>39. Evaluation of prices</b>	The prices of bids found to be substantially compliant, will be compared to identify the most substantially compliant bid which represents the lowest overall costs to UNDP.
<b>40. Post-qualification/Due diligence</b>	<p>UNDP reserves the right to undertake a post-qualification assessment, aimed at determining, to its satisfaction, the validity of the information provided by the bidder. Such exercise shall be fully documented and may include, but need not be limited to, all or any combination of the following:</p> <ul style="list-style-type: none"> <li>a) Verification of accuracy, correctness and authenticity of information provided by the bidder;</li> <li>b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team;</li> <li>c) Inquiry and reference checking with Government entities with jurisdiction on the bidder, or with previous clients, or any other entity that may have done business with the bidder;</li> <li>d) Inquiry and reference checking with previous clients on the performance on on-going or completed contracts, including physical inspections of previous works, as deemed necessary;</li> <li>e) Physical inspection of the bidder's offices, branches or other places where business transpires, with or without notice to the bidder;</li> <li>f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.</li> </ul>
<b>41. Clarification of bids</b>	<p>UNDP may request clarification or further information in writing from the bidders at any time during the evaluation process. The bidders' responses shall not contain any changes regarding the substance or price of the bid, except to confirm the correction of arithmetic errors discovered by UNDP in the evaluation of the bids, in accordance with Instructions to Bidders Article 25 (Errors or omissions).</p> <p>UNDP may use such information in interpreting and evaluating the relevant bid but is under no obligation to take it into account.</p> <p>Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by UNDP, shall not be considered during the review and evaluation of the Bids.</p>

<b>42. Responsiveness of bid</b>	<p>UNDP's determination of a bid's responsiveness is to be based on the contents of the bid itself. A substantially responsive bid is one that conforms to all the terms, conditions, and specifications of the bidding documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <ul style="list-style-type: none"> <li>a) affects in any substantial way the scope, quality, or performance of the goods, services and/or works specified in the contract; or</li> <li>b) limits in any substantial way, inconsistent with the bidding documents, UNDP's rights or the bidder's obligations under the contract; or</li> <li>c) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.</li> </ul> <p>If a bid is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the bidder by correction of the material deviation, reservation, or omission.</p>
<b>43. Nonconformities, reparable errors and omission</b>	<p>Provided that a bid is substantially responsive, UNDP may waive any non-conformities or omissions in the bid that, in the opinion of UNDP, do not constitute a material deviation. These are a matter of form and not of substance and can be corrected or waived without being prejudicial to other bidders.</p> <p>Provided that a bid is substantially responsive UNDP may request the bidder to submit the necessary information or documentation, within a reasonable period, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the bid. Failure of the bidder to comply with the request may result in the rejection of its bid.</p> <p>For bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows:</p> <ul style="list-style-type: none"> <li>a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of UNDP there is an obvious misplacement of the decimal point in the unit price; in which case, the line item total as quoted shall govern and the unit price shall be corrected;</li> <li>b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and</li> <li>c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail.</li> </ul> <p>If the bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be rejected and its bid security may be forfeited.</p>
<b>44. Right to accept any bid and to reject any or all bids</b>	<p>UNDP reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for UNDP's action. UNDP shall not be obliged to award the contract to the lowest priced offer.</p>
<b>45. Samples</b>	<p>Where required as per Section 5: Schedule of Requirements, free, non-returnable samples shall be provided by the bid submission deadline for evaluation and testing by UNDP or their representative, of the item and/or the packing and packaging, prior to any award. Samples will be subject to technical review and laboratory analysis where appropriate. Samples provided to UNDP are non-returnable, unless otherwise stated. Samples should be marked with the ITB number.</p>

	If a bidder fails to provide samples or documents requested by UNDP in a timely manner, UNDP may declare the bid unsuccessful.
<b>AWARD OF CONTRACT</b>	
<b>46. Award criteria</b>	In the event of a Contract award, UNDP shall award the Contract to a bidder who has been determined as eligible and qualified and whose bid has been determined to be the lowest priced, substantially compliant offer to the ITB. UNDP reserves the right to conduct negotiations with the bidder recommended for award on the content of their bid.
<b>47. Right to vary requirement at time of award</b>	At the time the Contract is awarded, UNDP reserves the right to increase or decrease the quantity of goods, works and/or services, 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>48. Notification of award</b>	Prior to the expiration of the period of bid validity, UNDP will notify the successful bidder in writing by email, fax or post, that its bid has been accepted. Please note that the bidder, if not already registered at the appropriate level in UNGM, will be required to complete the vendor registration process on the UNGM prior to the signature and finalization of the contract.
<b>49. Debriefing</b>	In the event that a bidder is unsuccessful, the bidder may request a debriefing from UNDP. The purpose of the debriefing is to discuss the strengths and weaknesses of the bidder's submission, in order to assist the bidder in improving its future bids for UNDP procurement opportunities. The content of other bids and how they compare to the bidder's submission shall not be discussed.
<b>50. Publication of Contract Award</b>	UNDP will publish the contract award on UNDP Procurement Notices website <a href="https://procurement-notices.undp.org/view_awards.cfm">https://procurement-notices.undp.org/view_awards.cfm</a> with the ITB reference number, the information of the awarded bidder company name, contract amount or LTA and the date of the contract.
<b>51. Contract Signature</b>	Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to UNDP. Failure to do so may constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid Security, if any, and on which event, UNDP may award the Contract to the Second highest rated or call for new Bids.
<b>52. Contract Type and General Terms and Conditions</b>	The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions, as specified in BDS, can be accessed at <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
<b>53. Performance security</b>	The successful bidder, if so specified in Section 3: Data Sheet shall furnish a performance security in the amount and form specified therein, within the specified number of days after receipt of the contract from UNDP. Banks issuing performance securities must be acceptable to the UNDP comptroller, i.e. banks certified by the central bank of the country to operate as a commercial bank. UNDP shall promptly discharge the bid securities of the unsuccessful bidders pursuant to Article 19 (Bid Security). The Performance Security form is available <a href="#">here</a>  Failure of the successful bidder to submit the above-mentioned performance security or sign the contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security. In that event UNDP may award the contract to the next lowest evaluated bidder, whose offer is substantially responsive and is determined by UNDP to be qualified to perform the contract satisfactorily.
<b>54. Bank guarantee for advance payment</b>	Except when the interests of UNDP so require, it is UNDP's standard practice not to make advance payment(s) (i.e., payments without having received any outputs). If an advance payment is allowed as per Section 3: Data Sheet, and if specified there, the bidder shall submit a Bank Guarantee in the full amount of the advance payment using this <a href="#">bank guarantee form</a> . Banks issuing bank guarantees

	must be acceptable to the UNDP comptroller, i.e. banks certified by the central bank of the country to operate as a commercial bank.
<b>55. Liquidated Damages</b>	If specified in Section 3: Data Sheet, UNDP shall apply Liquidated Damages for the damages and/or risks caused to UNDP resulting from the Contractor's delays or breach of its obligations as per the Contract.
<b>56. Bid protest</b>	Any bidder that believes to have been unjustly treated in connection with this bid process or any contract that may be awarded as a result of such bid process may submit a complaint to UNDP. The following link provides further details regarding UNDP vendor protest procedures: <a href="http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html">http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html</a>
<b>57. Other Provisions</b>	<p>In the event that the Bidder offers a lower price to the host Government (e.g. General Services Administration (GSA) of the federal government of the United States of America) for similar goods and/or services, UNDP shall be entitled to the same lower price. The UNDP General Terms and Conditions shall have precedence.</p> <p>UNDP is entitled to receive the same pricing offered by the same Contractor in contracts with the United Nations and/or its Agencies. The UNDP General Terms and Conditions shall have precedence.</p> <p>The United Nations has established restrictions on employment of (former) UN staff who have been involved in the procurement process as per bulletin ST/SGB/2006/15  <a href="http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&amp;referer">http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&amp;referer</a></p>

### SECTION 3: DATA SHEET

The following specific data shall complement, supplement or amend the Provisions in Section 2: Instructions to Bidders. In case there is a conflict, the provisions herein shall prevail over those in Section 2: Instructions to Bidders.

Ref. Article in Section 2		Specific Instructions / Requirements
1.	Scope	<p>The reference number of this Invitation to Bid (ITB) is <b>ITB26/03170: Strengthening the Air Quality Monitoring Infrastructure in the Republic of Moldova</b>.</p> <p>UNDP Moldova seeks to the purchase, install and implement an Air Quality Monitoring Infrastructure in the Republic of Moldova, through delivering, installation, and commissioning of 10 (ten) fully functional and EU-compliant air quality monitoring stations, and upgrading 2 stations that are currently operational, and integrating them into the National Air Quality Monitoring and System.</p> <p>The scope of services and specifications of goods are further described in Section 5 of this ITB.</p>
4.	Eligible bidders	Bidders from all countries are eligible to bid.
5.	Eligible goods, works and services	Goods, works and/or services with origin in all countries are eligible in this bidding process.
8.	Clarification of solicitation documents	<p>Bidders must send their questions in the system using the messaging feature. Only in case of facing difficulties to register in the system and sending messages, bidder can write to the contact below to request support with the system:</p> <p>Focal Person: Procurement Unit  E-mail address: <a href="mailto:sc.md@undp.org">sc.md@undp.org</a></p> <p><b>ATTENTION: BIDS SHALL NOT BE SUBMITTED TO THE ABOVE ADDRESS BUT TO THE ADDRESS FOR BID SUBMISSION AS SET OUT BELOW (see Data Sheet Article 28).</b></p>
		<p>Deadline for submitting requests for clarifications / questions:</p> <p><b>5 (five) days before the submission deadline</b></p>
		<p>UNDP will post the clarifications directly to the system.</p>
11.	Language	All bids, information, documents and correspondence exchanged between UNDP and the bidders in relation to this bid process shall be in <b>English and/or Romanian (acceptable)</b> .
14.	Price adjustment	The price quoted by the Bidder shall not be subject to adjustment during the performance of the contract.
15.	Partial bids (lots)	Partial bids shall not be allowed. Bidders must quote prices for the total requirement requested under Section 5. Schedule of Requirements. Evaluation will be done for the total requirement.

16.	Bid currencies	<p>Prices shall be quoted only in the currency indicated in the system:</p> <p><b>USD (US Dollars)</b></p> <p>In case of contract award to a local company, payments will be made in Moldovan Leu based on UN Operational Rate of Exchange (<a href="https://treasury.un.org/operationalrates/OperationalRates.php">https://treasury.un.org/operationalrates/OperationalRates.php</a>) valid on the date of money transfer, as per the “payment terms and conditions” stipulated in this solicitation document.</p> <p><i>UNDP shall not be kept liable for any fluctuations of the exchange market during contract implementation, the Contractor being legally responsible to register any loss/gain of currency exchange resulting from payments against the Contract in accordance with the national legislation.</i></p>
17.	Duties and taxes	<p>All prices shall:</p> <p><b>Be exclusive of VAT and other applicable indirect taxes.</b></p>
18.	Bid validity period	90 days
19.	Bid security	<p><b>Required in the amount of 55,000 USD</b></p> <p>The bid security will be in the same currency as stipulated in Article 16: Bid currencies.</p> <p>Acceptable forms of bid security</p> <p><input checked="" type="checkbox"/> Bid security form template (bank guarantee) set out in Section 7: Bidding Forms</p> <p><b>Important Remarks:</b></p> <ul style="list-style-type: none"> <li>• The Bid Security shall be valid up to <b>30 days after the final date of validity of bids.</b></li> <li>• The Original Copy of Proposal Security documentation must be physically received by UNDP (10) ten calendar days after the deadline for submission of offers indicated in the Quantum system at the latest, and a copy of full Bid Security documentation must be submitted through Quantum system as part of the online bid. <b>If Bid security is not submitted as stipulated above, bid shall be disqualified.</b> The address for submitting the original Proposal Security documentation is as follows:</li> </ul> <p><b>UNDP Moldova, #131, 31 August 1989 Street, MD-2012, Chisinau, Republic of Moldova</b></p> <p>The closed envelope with original Bid Security shall be marked as <b>“Bid Security - ITB26/03170: Strengthening the Air Quality Monitoring Infrastructure in the Republic of Moldova.”</b></p>
22.	Alternative bids	Shall not be considered.
23.	Pre-bid conference	<p><b>Will be conducted</b> as follows:</p> <p><b>Time and time zone: 11:00 AM, GMT+2:00</b></p> <p><b>Date : 22 January 2026</b></p>

		<p><b>Venue : Zoom / Access Link :</b>  <a href="https://undp.zoom.us/j/81243371537?pwd=AKrnkU7iyRMAdB5hEYkE5voywjlNKM.1">https://undp.zoom.us/j/81243371537?pwd=AKrnkU7iyRMAdB5hEYkE5voywjlNKM.1</a></p> <p>Interested bidders should register for the conference. To facilitate the registration, prospective bidders are required to send the names and email addresses of their authorized representatives using the "Messages" section in Quantum no later than <b>21 January 2026, COB</b>. In case bidders face any technical difficulties with Quantum platform, they shall send the above-mentioned information to the following email address: <a href="mailto:sc.md@undp.org">sc.md@undp.org</a>. Please ensure that the <b>subject of the email message</b> is marked as '<b>PRE-BID CONFERENCE FOR ITB26/03170</b>'.</p> <p>The Pre-bid conference is not mandatory but highly recommended.</p> <p>The focal point for the arrangement is: <b>Procurement Unit</b>  <b>E-mail: sc.md@undp.org</b></p> <p>Minutes of the Pre-bid conference will be disseminated by <b>direct communication</b> to prospective Bidders by email and posting on the website <a href="#">UNDP Moldova tenders</a>, <a href="#">UNDP Procurement Notices</a> and <a href="#">UNGM</a> websites.</p>
24.	Site inspection	<b>A site inspection will not be held.</b>
28.	Instruction for bid submission	<p><b>Bidders must submit their bid directly in the online system.</b></p> <ul style="list-style-type: none"> <li>▪ File Format: PDF files only</li> <li>▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>▪ All files must be free of viruses and not corrupted.</li> <li>▪ <b>Documents which are required in original (e.g. bid security) should be sent to the below address with a PDF copy submitted as part of the electronic submission:</b>  <b>UNDP Moldova, #131, 31 August 1989 Street,</b>  <b>MD-2012, Chisinau, Republic of Moldova</b>  <b>to the attention of Procurement Unit</b></li> <li>▪ It is recommended that bidders organize and name the files according to the requirements and structure of the bid to facilitate their review.</li> <li>▪ The bidder should receive an email acknowledging email receipt from the system.</li> </ul>
29.	Deadline for bid submission	<p><b>Deadline is indicated in the supplier portal.</b> In case of discrepancies between the deadline indicated in the portal and deadline indicated elsewhere, the deadline in the portal will prevail. It is the responsibility of the bidder to be informed on the tender deadline.</p> <p><b>Note that system time zone is in EST/EDT (New York) time zone.</b></p>
32.	Bid opening	<input checked="" type="checkbox"/> A Public bid opening report will be sent automatically from the system to all bidders who have submitted a bid for this tender.

	Expected date for commencement of contract	Mid-March 2026
47.	Right to vary requirement at time of award	The maximum percentage by which quantities may be increased or decreased is <b>25%</b>
	Contract award to one or more bidder	UNDP Moldova will award a contract to: <b>One Bidder Only</b>
50.	Type of contract to be awarded	<b>Contract for Goods and/or Services to UNDP</b> See Section 6: for sample contract. <a href="https://www.undp.org/procurement/doing-business-undp/how-we-buy">https://www.undp.org/procurement/doing-business-undp/how-we-buy</a>
51.	Conditions of contract to apply	<b>Contract for Goods and/or Services to UNDP</b> See Section 6 <a href="https://www.undp.org/procurement/doing-business-undp/how-we-buy">https://www.undp.org/procurement/doing-business-undp/how-we-buy</a>
52.	Performance security	<b>Required in the amount of 10% of contract amount</b> The performance security will be in the same currency as stipulated in Article 16: Bid currencies. The Performance Security shall be in the form of a Bank Guarantee as set out in Section 6 for template Performance Security shall be provided by the selected bidder within (15) days upon issuance of letter of intent/contract and before issuance of the notice to proceed.
53.	Advance payment	<b>Not Allowed</b>
54.	Liquidated Damages	Will be imposed as follows: Percentage of contract price per week of delay: <b>2.5%</b> up to a maximum of <b>10%</b> of the Contract value, after which UNDP may terminate the contract.
55.	<b>Documents to be submitted</b>	<p><b>Please attach the following documents with your Bid:</b></p> <ul style="list-style-type: none"> <li>▪ Bid Submission (as per Form C)</li> <li>▪ Bidder Information (as per Form D)</li> <li>▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages, including list of relevant institutions the Company has been cooperating with and printed brochures and product catalogues relevant to the goods being procured that must be presented together with the application package.</li> <li>▪ Certificate of Incorporation/ Business Registration</li> <li>▪ Certified details of the ownership of the Bidder company (including each member of a JV consortium), providing the percentage ownership, share or stockholding of each party with an interest exceeding 5% of the company ownership (or Annex 1 to Business Registration Certificate – for local companies)</li> <li>▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country</li> <li>▪ Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney (if Supplier is not the manufacturer).</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder.</li> <li>▪ Joint Venture Partner Information Form (as per Form E), if applicable</li> <li>▪ Evidence of the capacities, capabilities and reputation of the JV partners/Subcontractors (if any) should meet respective requirements listed in Section 4</li> <li>▪ Eligibility and Qualification Form (as per Form F)</li> <li>▪ Latest Audited Financial Statement (Income Statement and Balance Sheet) including: Auditor's Reports (for international companies) or registered Financial Report at the Statistical Bureau (for local companies) for the past 3 (three) years for the Bidder (2022-2024)</li> <li>▪ Details of Previous Relevant Experience within the last five (5) years, indicating the Beneficiary name and contact details, scope of contract, contract amount and period of contract execution</li> <li>▪ Copies of five (5) signed contracts to prove that Offeror meets the similar experience requirement (stated under Section 4: Evaluation Criteria)</li> <li>▪ At least 3 Clients' statements confirming satisfactory performance by the Bidder, each JV partner/Subcontractor (if the case), on the three contracts of highest value carried out, during the past five (5) years, by each intended participant</li> <li>▪ Technical Bid (as per Form G), including Technical Responsiveness Table, relevant catalogues and brochures to support the technical specifications of the goods offered and a brief description and approach on how the goods and services will be provided</li> <li>▪ List of qualified key personnel, together with CVs and professional certificates (valid at the date of presentation) (as required in Section 4)</li> <li>▪ Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any</li> <li>▪ Statement confirming the issuance of the Certificate(s) of Origin for the proposed equipment</li> <li>▪ Statement confirming the issuance of warranty certificates for at least 2 (two) years for equipment and for operating system and 3 (three) years for the server starting from the date of commissioning in the name of the Beneficiary.</li> <li>▪ Statement confirming the after sales technical support.</li> <li>▪ Detailed delivery schedule (table, GANTT chart) for the detailed design and necessary drawings, delivery, installation, commissioning, and trainings</li> <li>▪ Duly filled-in Price Schedule (as per Form H) (both the signed and scanned version and the editable Excel file).</li> <li>▪ Environmental Compliance Certificates, Accreditations, Markings/Labels, and other evidences of the Bidder's practices which contributes to the ecological sustainability and reduction of adverse environmental impact (e.g., use of non-toxic substances, recycled raw materials, energy-efficient equipment, reduced carbon emission, etc.), either in its business practices or in the goods it manufactures</li> <li>▪ Export Licenses, if applicable</li> <li>▪ <b>Bid Security (as per Form I) – a copy of full Bid Security documentation must be submitted through Quantum system as part of the online bid and the Original Bid Security documentation must be physically received by</b></li> </ul>
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		<p><b>UNDP within (10) ten calendar days after the deadline for submission of offers indicated in the Quantum system the latest at the address indicated above.</b></p>
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## SECTION 4: EVALUATION CRITERIA

### Preliminary Examination Criteria

All criteria will be evaluated on a **Pass/Fail** basis and checked during Preliminary Examination.

Criteria	Documents to establish compliance
Completeness of the bid	All documents and technical documentation requested in Section 2: Instructions to Bidders Article 12 have been provided and are complete
Bidder accepts UNDP General Conditions of Contract as specified in Section 6.	Duly signed and stamped Form C: Bid Submission has been provided.
Bid Validity	Duly signed and stamped Form C: Bid Submission has been provided
Bid Security with compliant validity period	Duly signed and stamped compliant to validity Form I: Bid Security has been provided.
Appropriate signatures	Bid Forms have been duly signed and stamped.
Power of Attorney	Certified Letter of Appointment and/or power of attorney authorizing the representative of the Bidder to sign bids has been provided.

### Eligibility and Qualification Criteria

All criteria will be evaluated on a **Pass/Fail** basis.

If the bid is submitted as a Joint Venture, Consortium or Association, each member should meet the minimum criteria, unless otherwise specified.

Eligibility Criteria	Documents to establish compliance
Bidder is a legally registered entity	Form D: Bidder Information
Vendor is not suspended, nor otherwise identified as ineligible by any UN Organization, the World Bank Group or any other International Organisation in accordance with Section 2 Article 4.	Form C: Bid Submission
No conflicts of interest in accordance with Section 2 Article 4.	Form C: Bid Submission
The bidder has not declared bankruptcy, in not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future	Form C: Bid Submission
Certificates and Licences: <ul style="list-style-type: none"> <li>Duly authorized to act as Agent on behalf of the Manufacturer, or Power of Attorney, if bidder is not a manufacturer.</li> <li>Official appointment as local representative, if bidder is submitting a bid on behalf of an entity located outside the country.</li> <li>Patent Registration Certificates, if any of technologies submitted in the bid is patented by the bidder.</li> <li>Export/Import Licenses, if applicable.</li> </ul>	Form D: Bidder Information

<b>Qualification Criteria</b>	<b>Documents to establish compliance</b>
History of non-performing contracts <sup>1</sup> : Non-performance of a contract did not occur as a result of contractor default within the last 3 years.	Form F: Eligibility and Qualification Form
Litigation History: No consistent history of court/arbitral award decisions against the bidder for the last 3 years.	Form F: Eligibility and Qualification Form
<i>Previous Experience:</i>	
Minimum 5 (five) years of relevant experience in the supply and installation of monitoring equipment.	Form F: Eligibility and Qualification Form
<i>(For JV/Consortium/Association, <b>Lead company</b> should meet requirement).</i>	
<p>At least five (5) contracts related to air quality monitoring systems, which cumulatively demonstrate:</p> <ul style="list-style-type: none"> <li>• Supply and commissioning of at least five (5) air quality monitoring stations in total, each of a minimal cost of 150,000 USD; and</li> <li>• At least one (1) contract must demonstrate experience with a multi-station deployment, such as installation of two (2) or more air monitoring stations under a single contract or project.</li> </ul> <p><i>(For JV/Consortium/Association, <b>Lead company</b> should meet requirement).</i></p>	Form F: Eligibility and Qualification Form
<i>Financial Standing:</i>	
<p><u>Liquidity:</u> The Ratio Average Current assets / Current liabilities over the last three (3) years must be equal or greater than 1.</p> <p>Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability.</p> <p><i>If QR is less than 1:</i> UNDP shall verify financial capacity of the bidder and have the authority to seek references from concerned parties &amp; banks on the bidder' financial standing. UNDP might, at its own discretion, additionally request prove of availability of access to financial resources to ensure full implementation of the contract which may include bank letters of creditworthiness or committed credit lines.</p>	<p>Copy of audited financial statements for the last 3 (three) years (2022-2024).</p> <p>Form F: Eligibility and Qualification</p>

<sup>1</sup> Non-performance, as decided by UNDP, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

<p>UNDP has the right to reject any bid if submitted by a contractor whom investigation leads to a result that contractor is not financially capable and/or has serious financial problems.</p> <p><i>(For JV/Consortium/Association, <b>all Parties cumulatively should meet requirement</b>).</i></p>	
<p><u>Turnover:</u> Bidders should have an average annual turnover of minimum 3,500,000 USD for the last three years.</p> <p><i>(For JV/Consortium/Association, <b>all Parties cumulatively should meet requirement</b>).</i></p>	<p>Copy of audited financial statements for the last 3 (three) years (2022-2024).</p> <p>Form F: Eligibility and Qualification</p>
<p><b><u>Key Personnel</u></b></p> <p>The minimum personnel required for the implementation of the assignment are:</p> <ul style="list-style-type: none"> <li>• <b>One (1) Team Lead</b> with a minimum of five (5) years of experience in the field of environmental monitoring, environmental instrumentation, environmental engineering, or related technical domains.</li> <li>• <b>Two (2) engineers</b> with a minimum of five (5) years of professional experience in the installation, calibration, and maintenance of environmental and/or air quality monitoring equipment, as well as in delivering training on the operation and upkeep of such equipment.</li> <li>• <b>One (1) electrician</b> with a minimum of five (5) years of professional experience in electrical installation, wiring, and maintenance works related to technical or monitoring equipment.</li> </ul> <p><b>Please note:</b></p> <p>1) <i>The position of Team Lead may be combined with that of Engineer, provided that the candidate meets all minimum requirements for both roles.</i></p> <p>2) <i>Position of Engineer may be combined with that of electrician, provided that the candidate meets all minimum requirements for both roles.</i></p> <p><i>The roles can be combined as described above, but not more than two roles per team member.</i></p> <p><i>Team Leader and engineers should be employed by the Lead Partner.</i></p> <p><i>(For JV/Consortium/Association, <b>all Parties cumulatively should meet requirement</b>).</i></p>	<p>Duly signed CVs and Statements of Exclusivity and Availability, including any other supporting documents, attached to Form H: Format for CV of proposed Key Personnel</p>

### Technical Evaluation Criteria

Criteria	Documents to establish compliance
Goods/works/services offered in the bid are substantially compliant and do not contain any material deviation(s) from the minimum required as included in <b>Section 5: Schedule of Requirements</b> and <b>Annex 1: Technical Specifications (detailed description)</b> .	Form G: Technical Bid
The bid is substantially compliant with the minimum <b>Delivery Requirements</b> included in <b>Section 5: Schedule of Requirements</b> and does not contain any material deviation(s).	Form G: Technical Bid Form H: Price Schedule
The bid is substantially compliant with <b>Warranty Requirements</b> included in <b>Section 5: Schedule of Requirements</b> and <b>Annex 1: Technical Specifications (detailed description)</b> and does not contain any material deviation(s).	Form G: Technical Bid
The bid is substantially compliant with <b>Service, Technical Support and After-Sales Requirements</b> included in <b>Section 5: Schedule of Requirements</b> and <b>Annex 1: Technical Specifications (detailed description)</b> and does not contain any material deviation(s).	Form G: Technical Bid

### Evaluation of Prices

Criteria	Documents to establish compliance
Detailed analysis of the price schedule based on requirements listed in Section 5 and quoted for by the bidders in Form H.  Price comparison shall be based on the landed price, including transportation, insurance and the total cost of ownership (including spare parts, consumption, installation, commissioning, training, special packaging, etc., where applicable).  Comparison with budget/internal estimates.	Form H: Price Schedule

## SECTION 5: SCHEDULE OF REQUIREMENTS

### A. BACKGROUND

The Green Transition Project, financed by European Union and implemented by UNDP Moldova, aims to support the Government of Moldova to engage sustainably in a transformative green agenda by enhancing awareness, building capacities and encouraging investments into low-emission and resource efficient economy.

In April 2022, the Parliament of the Republic of Moldova adopted Law No. 98/2022 on air quality, marking a significant step towards aligning national environmental legislation with the European Union's regulatory framework. This law transposes into Moldovan legislation key EU directives in the field of air quality, most notably Directive 2008/50/EC on ambient air quality and cleaner air for Europe, and Directive 2004/107/EC relating to arsenic, cadmium, mercury, nickel, and polycyclic aromatic hydrocarbons in ambient air. The adoption of Law 98/2022 represents a foundational legislative advancement aimed at enhancing Moldova's institutional and technical capacity to assess, monitor, and manage air quality in a systematic and EU-compliant manner.

Under the provisions of Law 98/2022, the monitoring of air quality across the national territory should be ensured through the National Air Quality Monitoring Network. This network needs to be composed of air pollution monitoring stations dedicated to both national and cross-border air quality assessment and management. The network also needs to include the necessary technical infrastructure for the continuous collection, processing, and transmission of air quality data, thereby enabling the authorities to make informed decisions based on reliable and real-time environmental data.

Further advancing the regulatory framework, the Government of the Republic of Moldova approved in February 2025 the Regulation No. 63/2025 on the monitoring and management of atmospheric air quality. This regulation builds on the provisions of Law 98/2022 and provides a structured and comprehensive framework for air quality management. It establishes two integrated systems that form the backbone of national air quality governance: the National System for the Inventory of Atmospheric Pollutant Emissions and the National System for Integrated Monitoring and Management of Air Quality. The latter is designed to operate through a network of specialized monitoring stations that facilitate both domestic and cross-border air quality assessments. This system is managed by the Environment Agency and should be supported by modern equipment capable of capturing, processing, and disseminating high-quality air monitoring data.

Currently, Moldova's air quality is assessed using a legacy network of 17 static monitoring stations, which were originally installed between 1970 and 1978. These stations continue to operate on a fixed schedule, conducting air sample collections three times per day—at 07:00, 13:00, and 19:00. They measure a range of pollutants including particulate matter (PM), sulphur dioxide (SO<sub>2</sub>), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), soluble sulphates, phenol, and formic aldehyde. The stations are geographically distributed across five key industrial areas of the country: Chisinau (6 stations), Balti (2 stations), Bender (4 stations), Tiraspol (3 stations), and Ribnita (2 stations), providing a foundational but increasingly outdated basis for air quality monitoring. In addition to these static monitoring stations, the following are also operational in Moldova: Leova – one semi-automated station that also fulfils the functions of an EMEP station; Mateuți – one automated rural background station; and Chișinău (Mihai Viteazul Boulevard) – one automated traffic station.

To address gaps in territorial coverage and improve the technical robustness of the monitoring network, a recent assessment has been conducted to determine Moldova's full needs for the establishment of a modern, EU-compliant air quality monitoring system. This assessment was carried out under the EU-funded Twinning project "Air Quality and Environment" and concluded that the country requires **12 modern air quality monitoring stations**, including background (urban/sub-urban/rural), traffic, and industrial types, to ensure comprehensive national coverage in accordance with the requirements of Law 98/2022 and Regulation 63/2025, as well as Directives 2008/50/EC and 2004/107/EC. Of the **12 required stations**, **2 are already operational – in Chișinău (Mihai Viteazul Boulevard) and in Mateuti village**, while the remaining **10 stations need to be newly delivered and installed**.

In support of these national efforts, the UNDP through its Green Transition Project, is contributing to the establishment of a modern and EU-aligned air quality monitoring system. This support includes the financing, delivery, and installation of 10 advanced monitoring stations, each equipped with high-precision measuring and calibration instruments. This intervention is expected to unlock additional opportunities for technical assistance, capacity building, and future investments related to emissions inventory, air quality assessment, and evidence-based environmental policymaking.

Based on consultations with the Twinning Project on Air Quality and Environment, as well as representatives of the Ministry of Environment and the Environment Agency, the following indicative locations and classifications for the ten monitoring stations have been identified for the purposes of this procurement:

No	Location	Type of the station
1	Edinet	Urban Background
2	Balti	Traffic
3		Urban Background
4	Cahul	Urban Background
5	Leova	Rural Background with EMEP elements
6	TBC	Urban Background with industrial impact elements
7	Chisinau/Ghidighici	Sub-Urban Background
8	Chisinau/Central sector	Urban Background
9	Chisinau/Botanica sector	Traffic
10	Chisinau/ Ciocana sector	Traffic

**\*Please note that installation site of the 6th station is contingent upon decisions that have not yet been finalized. The final decision on the site selection will be made by the Green Transition Project Board, estimative by the contract signature date. However if the decision will be taken later, the delivery dates will be adjusted accordingly.**

In addition to 10 listed above stations, 2 stations will be upgraded with the Green Transition project support:

No	Location	Type of the station
1	Mateuți	Rural background
2	Chișinău (Mihai Viteazul Boulevard)	Traffic

To ensure the operational continuity and sustainability of the air quality monitoring system, the scope of this procurement includes the provision of maintenance support over a two-year period through the procurement and delivery of complementary devices (e.g. field calibrator for SO<sub>2</sub>, NO, CO, ozone photometer, flow meter, zero air generator), as well as the necessary consumables and spare parts, as further specified in this ITB.

## B. OBJECTIVE OF THE ASSIGNMENT

The general objective of the ITB is to strengthen the national air quality monitoring infrastructure of the Republic of Moldova, through delivering, installation, and commissioning of 10 (ten) fully functional and EU-compliant air quality monitoring stations, and upgrading 2 stations that are currently operational, and integrating them into the National Air Quality Monitoring and System.

## C. PROJECT'S STAGES

### Stage 1: Project outline



Upon the Contract(s)' signature with UNDP, the Contractor will develop the **Project Outlines** per each air quality monitoring station, to be provided in 2 originals, on paper and electronic format. The Project Outlines will be developed considering all the equipment, installations, analyzers and ICT to be part of each air quality monitoring station (**please see Annex 1: Equipment, Services and Technical Specifications for details**). Contractor(s) shall ensure that Project Outlines are coordinated with the beneficiary and the UNDP Air Quality Technical Specialist and submitted to the UNDP Team.

Please note that for the Traffic Station in Chisinau (Mihai Viteazul Boulevard), which was previously donated and installed with the support of GIZ and will be upgraded under this project, a Project Outline is not required.

Furthermore, when developing the Project Outline for the Rural Background Station in Mateuti, the Contractor shall take into account the existing operating equipment and ensure its inclusion. For detailed information regarding the operating equipment, the Contractor shall coordinate with the UNDP Air Quality Technical Specialist.

### **Stage 2: Factory Acceptance Test**

Based on the coordinated and approved Projects Outlines, the Contractor will continue with the execution of the contract/assignment.

It is the Contractor's responsibility to ensure that the equipment is sufficiently tested prior to shipment and installation. In this regard, the Contractor shall arrange and conduct a **Factory Acceptance Test (FAT)** with UNDP and final Beneficiary's representatives prior to the shipment.

The FAT shall be conducted primarily through a structured FAT protocol, supported by live remote participation (e.g. video conferencing), test logs, and video recordings, unless otherwise decided by UNDP. Physical attendance of UNDP and/or Final Beneficiary representatives at the factory site may be conducted at UNDP's discretion, taking into account factors such as the complexity of the equipment, integration risks, and prior experience with the supplier.

The FAT shall proceed according to a check plan, developed by the Contractor and approved by the UNDP Air Quality Technical Specialist and Final Beneficiary's representatives. The FAT must prove that the equipment to be delivered, including complementary devices, works correctly without any defects, malfunctions, or deviations from the technical specifications. The FAT will also prove that the quantity of all equipment, including complementary devices, spare parts and consumables is in line with **Annex 1: Equipment, Services and Technical Specifications**. The FAT shall also include an inspection of all documentation to be supplied with the system. Eventually missing items or malfunctions will be recorded for further consideration and correction by the supplier. A satisfactory FAT will allow the Bidder to proceed with the equipment delivery and installation.

The costs related to the participation of UNDP and Final Beneficiary representatives in the FAT procedure shall be borne by the Green Transition Project.

### **Stage 3: Supply and installation of the air quality monitoring stations**

Based on the coordinated and approved Project Outlines and following the successful completion of the FAT, the Contractor shall proceed with the supply and installation of the air quality monitoring stations. This shall include all required equipment for the AQMS, complementary devices (e.g. field calibrator for SO<sub>2</sub>, NO, CO, ozone photometer, flow meter, zero air generator), the necessary consumables and spare parts, as well as the provision of services, as specified in **the Annex 1: Equipment, Services and Technical Specifications**.

After customs clearance, the delivered equipment shall be inspected in-country to confirm that all items required under the ITB have been received. The Bidder shall arrange the receiving inspection and provide appropriate storage facilities in Moldova, to be maintained under the Bidder's responsibility.

Following the successful in-country inspection, the Contractor shall proceed with the **installation of the stations**, including all equipment as specified in the ITB. During this process, the Contractor shall work in close coordination with the UNDP Air Quality Technical Specialist to ensure the delivery of high-quality and fully compliant works.

In addition to the equipment, the Contractor shall provide an **integrated system/software solution** designed to enable continuous data acquisition, automated QA/QC, centralized data storage, visualization, and the generation of raw and analytical reports. The Contractor shall design and implement a secure, scalable, and compliant platform for air quality data management, aligned with EU environmental data standards and national reporting requirements.

The Software Solution shall include, at a minimum, the following functionalities:

1. Continuous data acquisition from air-quality monitoring instruments shall support configurable polling and push modes, with Near Real Time (NRT) operational practices.
2. Automated validation and QA/QC of raw data streams and shall include at minimum: range checks, rate-of-change, status checks, and rule-based flagging.
3. Manual data validation should be possible, with versioned edits, and rollback. Edits must never overwrite raw data.
4. Centralized storage, visualization, and analytics tools for environmental operators, with role-based rights and views.
5. Automated generation of customized local reports and analytical dashboards (PDF, HTML, XLSX, CSV, XML) with scheduler and templating. Templates shall be editable by Admin role
6. Digital communication components of the air quality monitoring system shall ensure interoperability with the Government of Moldova's national ICT infrastructure, in line with the standards and technical specifications provided by the eGovernance Agency.
7. The system shall support integration via the MConnect interoperability platform and data storage or hosting compatibility with the government cloud infrastructure [MCloud](#), thus ensuring secure, standardized and scalable data exchange.

Please note that all permitting acts required by national service providers, in accordance with national legislation (e.g., connection to electricity, internet, etc.), shall remain under the responsibility of UNDP and the final Beneficiary.

#### **Stage 4: Testing**

The Contractor shall conduct testing of all equipment comprising the air quality monitoring stations and the overall system to demonstrate the full functionality and performance of all components in accordance with the specifications.

The Contractor will conduct the following tests:

1. **Site Acceptance Test (SAT)** – shall be arranged after the completed installation. The purpose of the SAT is to check that all required functions are installed as specified in the contract and that the work is good enough to start the operation test. The SAT will be conducted according to an agreed plan submitted by the Contractor and approved by the UNDP Air Quality Technical Specialist and Final Beneficiary's representatives.
2. **Operational Test (OT)** - shall check the reliability and functionality of the individual system items of hardware and software. The OT will continue for a period of 30 consecutive working days. During the OT, all items and their functional requirements shall be checked to be working as specified in the contractual technical documentation. In principle, a failure of the OT shall result in the holding of a new OT after corrections by the supplier of the reasons for failure. The procedure shall be repeated until the OT is satisfactorily completed, after which the system receives its Final Acceptance and will be accepted into operational service.

Prior to final acceptance, any expenditures arising from unsatisfactory performance of the equipment, including costs of repairs, additional site visits, shipping, and related expenses, shall be borne by the Contractor. All costs associated with testing and inspections under the contract shall be the responsibility of the Contractor and shall be deemed included in the contract price.

The testing process will be conducted by the Contractor in the presence of Beneficiaries, Air Quality Technical Specialist and TIC specialist. After the completion of the works/ testing/ commissioning, it is expected that all parties involved, i.e. the Contractor's representatives, the beneficiaries and the UNDP specialists, will participate in the completion/acceptance of the equipment and works. This will involve signing the appropriate documentation, according to the national legislation.



**3. Performance Test (PT)** - the Contractor will prove that the system can handle the agreed number of stations and data channels at the specified sampling rate, while meeting the latency target (ingest - validate - store - visible on dashboard within the agreed seconds/minutes) and the error rate in line with QC. The PT will use realistic payloads and a mix of normal data, missing data, spikes, and reconnect events. It will also simulate link drops and buffer replay to show store-and-forward and backfilled ingestion. During the PT, the supplier will provide live metrics and show that dashboards, exports, and APIs remain responsive.

**4. Documentation Delivery** - the Contractor will hand over clear, complete operational documentation so the team can run the platform without vendor support. This includes: an Admin Guide (install, configure, secure, upgrade, scale), an Operator Guide (daily checks, validation workflow, alarms, reports, dashboards), the API specification (OpenAPI file plus examples), Runbooks for common tasks and incidents (e.g., station offline, high ingest lag, certificate rotation), a Backup/Restore SOP (with tested steps), and a Security checklist (accounts, encryption, patching, audit). All docs must match the delivered system ("as-built"), be versioned and searchable (PDF/HTML), and include screenshots and command examples. Acceptance requires the full set of documents, a quick walkthrough session, and successful execution of at least one restore drill using the Backup/Restore SOP.

#### **Stage 5: Training**

Following the completion of installation, testing, and commissioning activities, the Contractor shall organize comprehensive training sessions for the final beneficiaries to ensure effective operation and management of the air quality monitoring stations.

The training process shall be implemented as follows:

##### **1. Development of Training Concept:**

The Contractor shall first prepare a detailed training concept, in English or Romanian, outlining the proposed duration, structure, methodology, and content of the sessions. The training shall comprehensively cover all twelve air quality monitoring stations, including their hardware components, associated software, and data management systems. The training concept shall be reviewed and approved by both the UNDP Air Quality Technical Specialist and the representatives of the Final Beneficiary prior to implementation.

##### **2. Initial Training Sessions:**

Upon approval of the training concept, the Contractor shall conduct initial training for the technical personnel of the Final Beneficiary. A minimum of three staff members shall receive in-depth instruction on the operation, routine maintenance, troubleshooting, and calibration of the air quality monitoring stations. Additionally, at least two staff members shall be trained in the operation, configuration, and management of the associated data management system to ensure proper handling of collected air quality data.

##### **3. Follow-up Training:**

Six months following the initial training, the Contractor shall conduct follow-up training sessions for the same number of trainees. These sessions shall focus on addressing practical questions, challenges, and operational scenarios encountered by the staff during the first six months of station operation. The content of these sessions shall be adapted to the real-world experiences gained during this period to ensure continued competence and confidence in operating the stations.

All costs associated with the development, implementation, and follow-up of the training sessions, including materials, travel, and personnel expenses, shall be fully borne by the Contractor.

Please note that the costs related to catering and venue for initial and follow-up trainings will be covered by the Green Transition Project.

#### **Stage 6. Commissioning**



Upon completion of the works, testing, and initial training sessions, it is expected that all parties involved, the Contractor's representatives, the Beneficiary's representatives, and UNDP specialists, will participate in the commissioning and final acceptance of the equipment and works. This process will include the signing of the relevant documentation in accordance with national legislation.

### **Documents**

The Contractor shall provide comprehensive technical documentation and operation manuals for all supplied equipment and software. Documentation shall be submitted in both hard copy (at least three sets) and electronic format.

The documentation package shall include:

- User manuals and operation/maintenance guidelines;
- A project-specific system operation manual, containing:
  - Specific equipment layout;
  - Procedural handbook;
  - System block diagrams (logical connections);
  - Wiring diagrams;
  - Interface specifications, including communication protocols and configuration modes;
  - Installation and configuration manuals;
  - API and integration documentation;
  - Software licenses.

All documents shall be provided in English and Romanian or Russian (but preferably in Romanian).

### **Warranty**

The warranty period for equipment shall be 2 (two) years and for operating system and the server 3 (three) years starting from the date of commissioning. ***Warranty Certificate for each instrument to be presented to the final beneficiary.***

### **Technical support**

The Contractor shall ensure the availability of a local or regional operational support centre to provide assistance to the Beneficiary, with acknowledgment within 4 business hours and with 24/7 1-hour response for critical incidents.

## **D. INFORMATION ABOUT THE AIR QUALITY MONITORING STATIONS AND SYSTEM**

All required equipment and services per each monitoring station, complementary devices, consumables and spare parts, as well as detailed technical specifications are indicated in **Annex 1: Equipment, Services and Technical Specifications**.

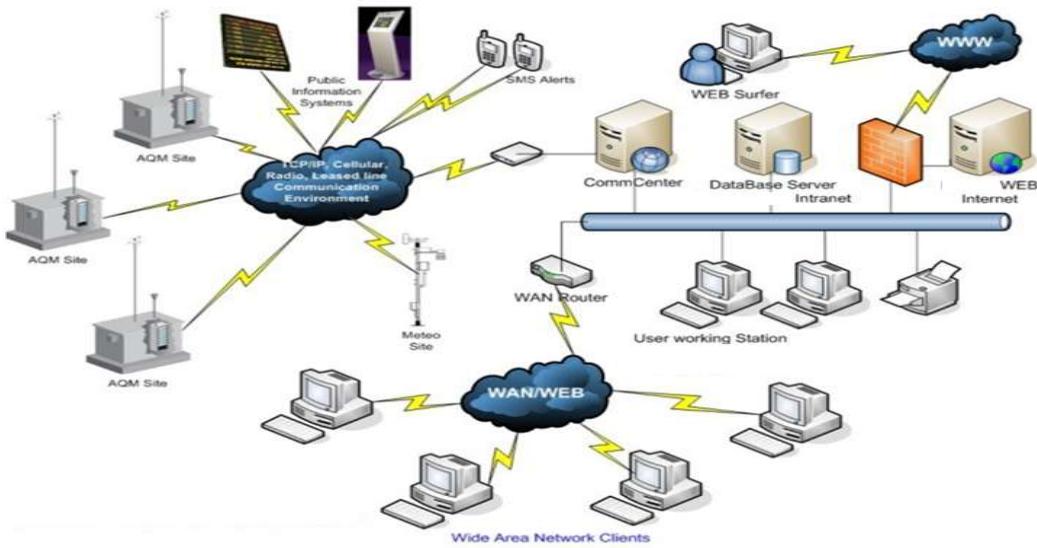
## **E. DATA ACQUISITION AND MANAGEMENT SYSTEM**

An ambient air quality monitoring network data acquisition system is a combination of hardware and software designed to continuously collect, process, validate, transmit, store, and analyse air pollutant concentration (i.e.  $\mu\text{g}/\text{m}^3$ ) data from all air quality monitoring sites in the monitoring network. Example of data acquisition system for ambient air quality monitoring.

Digital communication components of the air quality monitoring system shall ensure interoperability with the Government of Moldova's national ICT infrastructure, in line with the standards and technical specifications provided by the eGovernance Agency. The system shall support integration via the MConnect interoperability platform and data storage or hosting compatibility with the government cloud infrastructure [MCloud](#), thus ensuring secure, standardized and scalable data exchange.

All components involving data collection, transmission or storage (including video surveillance, user access logs) shall comply with the law ([LP195/2024](#)). Thus, the supplier needs to ensure that personal data are processed lawfully, securely and transparently, adequate cybersecurity measures are in place (encryption, access control, secure transmission etc), and video storage and transmission shall ensure data minimisation and secure access.

#### Example of data acquisition system for ambient air quality monitoring.



#### Different parts of the Data Acquisition and management system:

1. **Measurement:** Instruments/analysers collect pollutant concentration and weather data from automatic air quality stations.
2. **Logging:** Data logger/computer timestamps and store the data locally at the air quality station.
3. **Transmission:** Data is sent to the central system and database (central database) via communication channels.
4. **Acquisition:** Server-side software collects and stores data.
5. **Validation:** Operators, air quality experts perform validation/editing of the measurement data (QA/QC processes) by using the user working stations, both raw data and edited/validated data sets are saved into the database.
6. **Analysis:** Data is processed for trends, exceedances, compliance.
7. **Reporting:** Results are visualized, published, or exported to the open websites to disseminate the data (indexes, graphs, possibilities to download the data, or to have it available in machine readable format)

#### Software and Central Data Management System Requirements



### General Software Licensing Requirements

- All software components supplied with the system (Operating Systems, RDBMS, Application Servers, etc.) shall be either:
  - provided under a perpetual license with no recurring fees, or
  - fully licensed to the Beneficiary for at least two (2) years from acceptance;
  - Explicitly exempt from licensing obligations (e.g., open-source with appropriate declarations). The Contractor shall operate and maintain all included open-source components, ensuring they are secure, supported, and up to date throughout the contract term (including dependencies). This includes monitoring upstream releases, applying security patches, and managing compatibility with the delivered system. In addition, the Contractor shall maintain its availability to provide the same maintenance services for up to two (2) years after contract completion, at the same rates and terms. The Beneficiary may exercise this option in one-year increments by written notice at least 30 days before the current term ends; service levels shall not be reduced during the extension.
- Baseline users rights shall include **at least five (5) concurrent full users** and unlimited read-only users (for dashboards/reports) without extra cost.
- Licenses shall not restrict export of raw/corrected/validated data, metadata, and logs (CSV/XLSX/JSON/XML/DB dump) or API access. The Beneficiary retains full data ownership and may run bulk exports at any time.
- No recurring subscription, renewal, or usage-based costs shall be required for normal system operation after the contract delivery. The system shall remain fully operable by the Beneficiary without any vendor maintenance subscription, using the provided perpetual licenses (or fully paid term licenses) and documentation.
- All licenses shall remain valid and functional in case of hardware replacement, virtual machines, or cloud instances, without additional activation fees.
- The Contractor shall provide **documented evidence of compliance**, including:
  - License certificates,
  - Open-source declarations,
  - Or equivalent documentation.

### **Central Data Management System (CDMS)**

#### General Requirements

- The CDMS shall provide centralized functionality for acquisition, validation, storage, and exchange of air-quality monitoring data.
- The system shall include both hardware and software components, sized according to the Supplier's proposed system, to handle the proposed number of stations, channels, and reporting needs, with 20% scale capacity.
- It shall support:
  - **User licenses for at least five (5) expert users,**
  - **Network access for at least twelve (12) monitoring stations**, with a clear path to scale beyond these numbers without redesign
- Data retrieval shall be supported both **automatically and manually**, with:

- User-defined intervals,
- Configurable acquisition frequency,
- Retry logic.

#### **Data Storage and Acquisition**

- The subsystem shall store **a minimum of two (2) years of continuous measurement data** from all connected stations.
- Architecture shall include **redundant storage** (e.g., RAID or mirrored disks) for:
  - Data integrity,
  - Fault tolerance,
  - Continuous operation during hardware failure.
- An **enterprise-grade server platform** shall be provided with:
  - Redundant power supply units,
  - Dual network interfaces,
  - Sufficient processing and storage capacity.
- The Supplier shall provide a **complete secure solution** to connect remote acquisition sites to the central location via wired or wireless internet.
- All necessary system and application software shall be:
  - Supplied,
  - Fully installed,
  - Configured as part of a complete operational solution.
- All software shall comply with the **General Software Licensing Requirements**.
- A solution for **external daily data collection and storage** shall be included.
- Backup system shall support:
  - Incremental and full backups,
  - Weekly backup copies stored for **at least 2 years**.
- A reference **MINIMUM HW requirements** configuration is provided, higher specification to comply with the above requirements will be considered compliant.

#### **Central Data Acquisition System (Server-Side)**

##### **Hardware:**

- Central server(s) or cloud-based hosting
- Redundant storage and backup systems
- UPS (Uninterruptible Power Supply)



**Software:**

- **DAQ Software:**
  - Communicates with field loggers
  - Retrieves and parses incoming data
  - Archives data in structured databases (SQL, Oracle)
  - Interfaces with reporting and visualization tools
- **Database Management Systems:**
  - Secure storage of raw and validated data
  - Includes monitoring data and metadata
- **Visualization/Reporting Tools:**
  - Generate graphs, reports, compliance summaries
  - GIS maps and dashboards for public/internal use

**Data Processing and Quality Assurance**

- Automated QA/QC routines to flag invalid, missing, or suspect data
- Manual review and validation by expert users
- Validation protocols aligned with national/international standards (e.g., EU Directives, US EPA)

**User Interfaces and Data Dissemination**

- Web portals for operators and public access
- APIs for integration with external systems (e.g., national environmental portals)
- Alerts and notifications for exceedances, malfunctions, or equipment issues

The software shall include an integrated module for real-time monitoring and control of environmental stations, supporting:

- integration of environmental and technical sensors (temperature, humidity, smoke/fire, door, power status);
- video surveillance feeds (ONVIF compliant);
- hybrid power systems (PV, battery, generator, UPS);
- automatic alarm notifications via email/SMS/web dashboard;
- bidirectional control of HVAC and generator units;
- real-time dashboards and full integration with the Central Data Management System.

**F. MANAGEMENT ARRANGEMENTS**



The Contract(s)' monitoring will be carried out by the Policy and Legal Development Manager/Green Transition Project and Air Quality Technical Specialist/ Green Transition Project who will conduct systematic site visits.

#### G. EXPECTED DELIVERABLES AND ESTIMATED TIMEFRAME

Deliverables, Description/Specification of Services	Estimated Delivery Date
<b>Deliverable 1:</b> 11 Projects Outlines developed, delivered in line with <b>Stage 1: Project outline</b> requirements.	30 days since the date of the contract signature
<b>Deliverable 2:</b> Factory Acceptance Test (FAT) conducted, and FAT Report delivered in line with the requirements of <b>Stage 2: FAT</b> requirements.	6 months since the date of the contract signature
<b>Deliverable 3:</b> 12 signed Final acceptance acts (conducted in line with <b>Stage 6: Commissioning</b> ), including:  <b>Deliverable 3.1.</b> Equipment requested by the ITB supplied and installed in line with the Project Outlines (conducted as described in <b>Stage 3: Supply and installation of the air quality monitoring stations</b> ) <b>Deliverable 3.2.</b> 12 site acceptance tests conducted and signed ( <b>in line with Stage 4: Testing, point 1.</b> ) <b>Deliverable 3.3.</b> 12 Operational tests conducted and signed ( <b>in line with Stage 4: Testing, point 2.</b> ) <b>Deliverable 3.4.</b> Performance test conducted in line with <b>Stage 4: Testing, point 3</b> and Documentation delivered as per <b>Stage 4: Testing, point 4.</b>	In 10 months since the date of the contract signature  In 2 months since Deliverable 2 is implemented  In 2 weeks since Deliverable 3.1. is implemented  In 1 month since the Deliverable 3.2. is implemented In 1 month since the Deliverable 3.2. is implemented
<b>Deliverable 4:</b> Training concept coordinated and accepted, and initial training session conducted ( <b>in line with Stage 5: Training, point 1&amp;2</b> )	3 weeks since Deliverable 3 is implemented
<b>Deliverable 5:</b> Follow-up training ( <b>in line with Stage 5: Training, point 3</b> )	6 months since Deliverable 3 is implemented

#### H. CONFIDENTIALITY

All data and information received by the Contractor will not be disclosed to any person other than the Authorized Recipients, even after the completion of the contract. All confidential information must be kept confidential and must not be used for any purpose other than for the terms stated herein.

#### J. IMPLEMENTATION TIMEFRAME

The Contract(s) shall be implemented within 16 months, including all Stages of implementation.

During the assignment, the Contractor team of experts should prove commitment to the core values of the United Nations, in particular, respecting differences of culture, gender, religion, ethnicity, nationality, language, age, HIV status, disability, and sexual orientation, or other status.

#### K. GENERAL COORDINATION AND PAYMENT

Overall coordination of the implementation of the project will be carried out by the UNDP Project Team. Payment(s) will be carried out upon successful completion of Contract(s) deliverables.

## L. DELIVERY AND OTHER RELATED REQUIREMENTS

<b>Delivery date</b>	Bidder shall deliver the goods and services in up to 16 months from the contract signature date.																																																										
<b>Delivery place / terms (INCOTERMS 2020)</b>	DAP – Chisinau, Moldova (multiple locations), as per Schedule of Requirements																																																										
<b>Customs clearance (must be linked to INCOTERM)</b>	Shall be done by: <input checked="" type="checkbox"/> UNDP																																																										
<b>Consignee details</b>	Multiple consignees, as below: <table border="1" data-bbox="389 797 1437 1291"> <thead> <tr> <th>Line item / Lot No</th> <th>Consignee Address</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Edinet</td> <td>Urban Background</td> <td>1 (one)</td> </tr> <tr> <td>2</td> <td>Balti</td> <td>Traffic</td> <td>1 (one)</td> </tr> <tr> <td>3</td> <td>Balti</td> <td>Urban Background</td> <td>1 (one)</td> </tr> <tr> <td>4</td> <td>Cahul</td> <td>Urban Background</td> <td>1 (one)</td> </tr> <tr> <td>5</td> <td>Leova</td> <td>Rural Background with EMEP elements</td> <td>1 (one)</td> </tr> <tr> <td>6</td> <td>TBC*</td> <td>Urban Background with industrial impact elements</td> <td>1 (one)</td> </tr> <tr> <td>7</td> <td>Chisinau/Ghidighici</td> <td>Sub-Urban Background</td> <td>1 (one)</td> </tr> <tr> <td>8</td> <td>Chisinau/Central sector</td> <td>Urban Background</td> <td>1 (one)</td> </tr> <tr> <td>9</td> <td>Chisinau/Botanica sector</td> <td>Traffic</td> <td>1 (one)</td> </tr> <tr> <td>10</td> <td>Chisinau/ Ciocana sector</td> <td>Traffic</td> <td>1 (one)</td> </tr> </tbody> </table> <p><b>*Please note that installation site of the 6th station is contingent upon decisions that have not yet been finalized. The final decision on the site selection will be made by the Green Transition Project Board.</b></p> <p>The 2 stations to be upgraded:</p> <table border="1" data-bbox="389 1426 1437 1583"> <thead> <tr> <th>Line item / Lot No</th> <th>Consignee Address</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Mateuți</td> <td>Rural background</td> <td>1 (one)</td> </tr> <tr> <td>12</td> <td>Chișinău (Mihai Viteazul Boulevard)</td> <td>Traffic</td> <td>1 (one)</td> </tr> </tbody> </table>			Line item / Lot No	Consignee Address	Unit	Quantity	1	Edinet	Urban Background	1 (one)	2	Balti	Traffic	1 (one)	3	Balti	Urban Background	1 (one)	4	Cahul	Urban Background	1 (one)	5	Leova	Rural Background with EMEP elements	1 (one)	6	TBC*	Urban Background with industrial impact elements	1 (one)	7	Chisinau/Ghidighici	Sub-Urban Background	1 (one)	8	Chisinau/Central sector	Urban Background	1 (one)	9	Chisinau/Botanica sector	Traffic	1 (one)	10	Chisinau/ Ciocana sector	Traffic	1 (one)	Line item / Lot No	Consignee Address	Unit	Quantity	11	Mateuți	Rural background	1 (one)	12	Chișinău (Mihai Viteazul Boulevard)	Traffic	1 (one)
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<b>Testing Requirements</b>	Done by Contractor as per Section 5: Schedule of Requirements																																																										
<b>Scope of Training on Operation and Maintenance and Follow-up Training</b>	Required. Details included in Section 5: Schedule of Requirements, point C. PROJECT'S STAGES. The training is required after the installation of the air quality monitoring stations. Training will focus on the instruction on the operation, routine maintenance, troubleshooting, and calibration of the air quality monitoring stations, as well as operation, configuration, and management of the associated data management system. The Follow-up training shall focus on addressing practical questions, challenges, and operational scenarios encountered by the staff during the first six months of station operation.																																																										
<b>Commissioning</b>	Required. Details included in Section 5: Schedule of Requirements, point C. PROJECT'S STAGES.																																																										

	For commissioning process and final acceptance of the equipment and works all parties will be involved - the Contractor's representatives, the Beneficiary's representatives, and UNDP specialists. This process will include the signing of the relevant documentation in accordance with national legislation.																																
Warranty Period	Required. Details included in Section 5: Schedule of Requirements, point C. PROJECT'S STAGES. The warranty period for equipment shall be 2 (two) years and for operating system and the server 3 (three) years starting from the date of commissioning.																																
Local Service Support	Required. Details included in Section 5: Schedule of Requirements, point C. PROJECT'S STAGES. The Contractor shall ensure the availability of a local or regional operational support centre to provide assistance to the Beneficiary, with acknowledgment within 4 business hours and with 24/7 1-hour response for critical incidents.																																
Technical Support Requirements	Required, preferably in Romanian. Ensure continuous functioning of the equipment.																																
After-sale services Requirements	<input checked="" type="checkbox"/> Warranty on Parts and Labor as indicated above under Warranty Period <input checked="" type="checkbox"/> Technical Support																																
Inspections and tests	<ul style="list-style-type: none"> <li>• Pre-shipment inspection (FAT)</li> <li>• Inspection upon arrival at destination</li> <li>• Testing of the installed monitoring system: (1) Site Acceptance Test; (2) Operational Test and (3) Performance Test.</li> </ul>																																
Related services requirements	<table border="1"> <thead> <tr> <th>Service No</th><th>Minimum requirements for services</th><th>Quantity</th><th>Place where services will be performed</th></tr> </thead> <tbody> <tr> <td>1</td><td>Pre-shipment inspection (FAT)</td><td>1</td><td>At the supplier site</td></tr> <tr> <td>2</td><td>Inspection upon arrival at destination</td><td>1</td><td>Storage facilities in Moldova (ensured by the supplier)</td></tr> <tr> <td>3</td><td>Installation</td><td>12</td><td>At the Consignee addresses according to the table above</td></tr> <tr> <td>4</td><td>Testing</td><td>12</td><td>At the Consignee addresses according to the table above</td></tr> <tr> <td>5</td><td>Training on Operation and Maintenance</td><td>1</td><td>At the Consignee addresses according to the table above</td></tr> <tr> <td>6</td><td>Commissioning</td><td>1</td><td>At Final Beneficiary site</td></tr> <tr> <td>7</td><td>Follow-up training</td><td>1</td><td>At Final Beneficiary site</td></tr> </tbody> </table>	Service No	Minimum requirements for services	Quantity	Place where services will be performed	1	Pre-shipment inspection (FAT)	1	At the supplier site	2	Inspection upon arrival at destination	1	Storage facilities in Moldova (ensured by the supplier)	3	Installation	12	At the Consignee addresses according to the table above	4	Testing	12	At the Consignee addresses according to the table above	5	Training on Operation and Maintenance	1	At the Consignee addresses according to the table above	6	Commissioning	1	At Final Beneficiary site	7	Follow-up training	1	At Final Beneficiary site
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Payment Terms	Payment will be completed in several instalments upon completion and acceptance of deliverables.																																
Conditions for Release of Payment	<input checked="" type="checkbox"/> Pre-shipment inspection (FAT) <input checked="" type="checkbox"/> Inspection upon arrival at destination <input checked="" type="checkbox"/> Installation <input checked="" type="checkbox"/> Testing <input checked="" type="checkbox"/> Training on Operation and Maintenance <input checked="" type="checkbox"/> Commissioning <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with ITB requirements <input checked="" type="checkbox"/> Follow-up training																																
All documentations, including catalogues, instructions and	English, Romanian or Russian (but preferably in Romanian)																																



operating manuals, shall be in this language	
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## **SECTION 6: CONDITIONS OF CONTRACT AND CONTRACT FORMS**

### **6.1 General Conditions of Contract**

In the event of a Contract, the following General Conditions of Contract (GCC) will apply: UNDP General Terms and Conditions for Contracts.

The conditions are available at: <https://www.undp.org/procurement/doing-business-undp/how-we-buy>

### **6.2 Special Conditions of Contract**

n/a

### **6.3 Contract Form**

In the event of an award, the following sample Contract will be used: Contract for Goods and/or Services to UNDP.

The conditions are available at: <https://www.undp.org/procurement/doing-business-undp/how-we-buy>



## 6.5 Performance Security

### PERFORMANCE SECURITY

How to use this template:

1. This document must be finalized **using the official letterhead of the Issuing Bank**.
2. Except for indicated fields, no changes may be made on this template.
3. The Performance Security that the Proposer's Bank will issue shall be based on use the contents of this template. No change can be made to this template without the prior approval of the Legal Office, Bureau of Management Services, UNDP.

---

#### *INSERT LETTERHEAD OF THE BANK*

[date]

To: Beneficiary

United Nations Development Programme (UNDP)

[insert address]

Contractor

[insert information on contractor]

Reference: Guarantee No. [insert number]

Dear Sirs,

WHEREAS, the United Nations Development Programme (the "Beneficiary") and **[Name of Contractor]** (the "Contractor") have entered into Contract No. **[contract number]** for **[insert description of contract]**, which entered into force on **[date]** (the "Contract");

WHEREAS, the Contract requires that the Contractor furnishes a bank guarantee for a sum specified in the Contract as security for the Contractor's satisfactory compliance with its obligations under the Contract;

WHEREAS, we **[Name of the Bank]** (the "Guarantor"), have agreed to give the Contractor such Guarantee;

NOW THEREFORE, we, the Guarantor, hereby undertake to pay to the Beneficiary, upon the Beneficiary's first written demand and without cavil or arguments any sum or sums not exceeding in the aggregate **[currency][amount in words and figures]** or such lesser sum of money as the Beneficiary may by such written demand require to be paid, accompanied by the Beneficiary's written statement that the Contractor is in breach of its obligations under the Contract, without the need to specify, prove or show grounds or reasons for such demand. Such statement shall be conclusive evidence of the Beneficiary's entitlement to payment in the amount demanded, up to the amount of this Guarantee.

The maximum guaranteed amount under this Guarantee is **[currency] [amount in words and figures]**.

We, the Guarantor, further agree that no change or addition to or other modification of the terms of the Contract or of the works, goods and services acquired thereunder, which may be made between the Beneficiary and the Contractor, shall in any way release us, the Guarantor, from any liability under this Guarantee, and we hereby waive the notice of any such change, addition or modification.



This Guarantee shall be valid until thirty (30) days after the date of issuance by the Beneficiary of a certificate of satisfactory performance and full completion by the Contractor of its obligations under the Contract.

Subject to the paragraph below, this Guarantee is governed by the Uniform Rules for Demand Guarantees, ICC Publication No. 758. The supporting statement under Article 15(a) thereof is excluded.

Nothing herein or related hereto shall be deemed a waiver express or implied of the privileges and immunities of the United Nations, including its subsidiary organs nor shall it be interpreted or applied in a manner inconsistent with such privileges and immunities.

#### **SIGNATURE AND SEAL OF THE GUARANTOR BANK**

---

Date:

Name of Bank:

Address:



## **SECTION 7: BIDDING FORMS**

**Form A: Bid Confirmation**

**Form B: Checklist**

**Form C: Bid Submission**

**Form D: Bidder Information**

**Form E: Joint Venture / Consortium / Association Information**

**Form F: Eligibility and Qualification**

**Form G: Technical Bid**

**Form H: Price Schedule**

**Form I: Bid Security**



## FORM A: BID CONFIRMATION

Please acknowledge receipt of this ITB by completing this form and returning it by email to the address, and by the date specified, in the Letter of Invitation.

To: Insert name of contact person

Email: Insert contact person's email - do not enter secure bid email address

From: Insert name of bidder

Subject: ITB reference ITB26/03170

Check the appropriate box	Description
<input type="checkbox"/>	<b>YES</b> , we intend to submit a bid.
<input type="checkbox"/>	<b>NO</b> . We are unable to submit a competitive offer for the requested goods/works/services at the moment

If you selected NO above, please state the reason(s) below:

Check applicable	Description
<input type="checkbox"/>	The requested goods/services are not within our range of supply
<input type="checkbox"/>	We are unable to submit a competitive offer for the requested products at the moment
<input type="checkbox"/>	The requested products are not available at the moment
<input type="checkbox"/>	We cannot meet the requested specifications
<input type="checkbox"/>	We cannot offer the requested type of packing
<input type="checkbox"/>	We can only offer FCA prices
<input type="checkbox"/>	The information provided for bidding purposes is insufficient
<input type="checkbox"/>	Your ITB is too complicated
<input type="checkbox"/>	Insufficient time is allowed to prepare a bid
<input type="checkbox"/>	We cannot meet the delivery requirements
<input type="checkbox"/>	We cannot adhere to your terms and conditions e.g. payment terms, request for performance security, etc.. Please provide details below.
<input type="checkbox"/>	Sustainability criteria/requirements are too stringent (if applicable)
<input type="checkbox"/>	We do not export
<input type="checkbox"/>	We do not sell to the UN
<input type="checkbox"/>	Your volume is too small and does not meet our order quantity
<input type="checkbox"/>	Our production capacity is currently full
<input type="checkbox"/>	We are closed during the holiday season
<input type="checkbox"/>	We had to give priority to other clients' requests
<input type="checkbox"/>	We do not sell directly but through distributors
<input type="checkbox"/>	We have no after-sales service available
<input type="checkbox"/>	The person handling the bids is away from the office
<input type="checkbox"/>	Other (please provide reasons below):
Further information: Click or tap here to enter text.	
<input type="checkbox"/>	We would like to receive future ITBs for this type of goods
<input type="checkbox"/>	We don't want to receive ITBs for this type of goods



Questions to the bidder concerning the reasons for NO BID should be addressed to [Click or tap here to enter text.](#)  
**phone** [Click or tap here to enter number.](#), **email** [Click or tap here to enter text..](#)

## FORM B: CHECKLIST

This form serves as a checklist for preparation of your bid. Please complete the returnable bidding forms in accordance with the instructions and return them as part of your bid submission: No alteration to the format of forms shall be permitted and no substitution shall be accepted.

Before submitting your bid, please ensure compliance with the instructions in Section 2: Instructions to Bidders and Section 3: Data Sheet.

### Technical bid:

<b>Have you duly completed all the returnable bidding forms?</b>	
▪ Form C: Bid Submission	<input type="checkbox"/>
▪ Form D: Bidder Information	<input type="checkbox"/>
▪ Form E: Joint Venture/Consortium/Association Information	<input type="checkbox"/>
▪ Form F: Eligibility and Qualification	<input type="checkbox"/>
▪ Form G: Technical Bid	<input type="checkbox"/>
▪ Annex 2: Technical Responsiveness Table	<input type="checkbox"/>
▪ Form I: Bid Security	<input type="checkbox"/>
<b>Have you provided the required documents to establish compliance with the evaluation criteria in Section 4?</b>	<input type="checkbox"/>
<b>Have you provided the required documents in support of Form D: Bidder Information?</b>	<input type="checkbox"/>

### Price Schedule:

▪ Form H: Price Schedule	<input type="checkbox"/>
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## FORM C: BID SUBMISSION

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB26/03170		

We, the undersigned, offer to supply the goods and related services required for Click or tap here to enter text.in accordance with your Invitation to Bid No. ITB26/03170. We hereby submit our bid, which includes

The discounts offered and the methodology of their application are:

- **Discounts:** If our bid is accepted, the following discounts shall apply Specify in detail each discount offered and the specific item of the Schedule of Requirement to which it applies, including if applicable discounts for accelerated payment.
- **Methodology of application of the discounts:** The discounts shall be applied using the following method: Specify in detail the method that shall be used to apply the discounts

**Bidder Declaration:** on behalf of our firm, its affiliates, subsidiaries and employees, including any JV / Consortium / Association members or subcontractors or suppliers for any part of the contract.

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	<b>Requirements and Terms and Conditions:</b> I/We have read and fully understand the ITB, including the ITB Information and Data Sheet, 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 bid 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 ITB; 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 bid, or entering into a contract to deliver the requirements. Where a conflict of interest arises during the ITB process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<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.



Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	I/We do not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with our firm in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15);
<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>Bid Validity Period:</b> I/We confirm that this bid, including the price, remains open for acceptance for the bid validity period.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any bid you receive and we certify that the goods offered in our bid 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 Organisation/s to make this declaration on its/their behalf.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

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

[Stamp with official stamp of the bidder]



## FORM D: BIDDER INFORMATION

<b>ITB Reference</b>	ITB26/03170
<b>Legal name of bidder</b>	Click or tap here to enter text.
<b>Legal Address, City, Country</b>	Click or tap here to enter text.
<b>Website</b>	Click or tap here to enter text.
<b>Year of registration</b>	Click or tap here to enter text.
<b>Bidder's Authorized Representative information</b>	Name and Title: Click or tap here to enter text. Telephone numbers: Click or tap here to enter text. Email: Click or tap here to enter text.
<b>Legal structure</b>	Choose an item.
<b>Organisational type</b>	Choose an item.
<b>Current Licenses, if any, and permits (with dates, numbers and expiration dates)</b>	Click or tap here to enter text.
<b>No. of full-time employees</b>	Click or tap here to enter number.
<b>No. of staff involved in similar supply contracts</b>	Click or tap here to enter number.
<b>Are you a UNGM registered vendor?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No     If yes, insert UNGM Vendor Number
<b>Years of supplying to UN organisations</b>	Click or tap here to enter text.
<b>Are you a UNDP vendor?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No     If yes, insert Vendor Number
<b>Countries of operation</b>	Click or tap here to enter text.
<b>Subsidiaries in the region (please indicate names of subsidiaries and addresses, if relevant to the bid)</b>	Click or tap here to enter text.
<b>Commercial Representatives in the country: Name/Address/Phone (for international companies only)</b>	Click or tap here to enter text.
<b>Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):</b>	Click or tap here to enter text.

<b>Presence and characteristics of in-house quality control laboratory (if relevant to bid)</b>	<p>Click or tap here to enter text.</p>
<b>Does your Company have a corporate environmental policy or environmental management system such as ISO 14001 or ISO 14064 or equivalent?</b>	<p>Tick all that apply and <b>provide supporting documentation</b>.</p> <p><input type="checkbox"/> Corporate Environmental Policy</p> <p><input type="checkbox"/> ISO 14001</p> <p><input type="checkbox"/> ISO 14064</p> <p><input type="checkbox"/> Other, specify <a href="#">Click or tap here to enter text</a>.</p>
<b>Does your organization demonstrate significant commitment to sustainability, including the following aspects that have been identified in the UN Sustainable Procurement Framework?</b> <ul style="list-style-type: none"> <li>• <b>Environmental: prevention of pollution, sustainable resources; climate change and mitigation and the protection of the environment, biodiversity.</b></li> <li>• <b>Social: human rights and labour issues, gender equality, sustainable consumption, and social health and wellbeing.</b></li> <li>• <b>Economic: whole life cycle costing, local communities and small or medium enterprises, and supply chain sustainability.</b></li> </ul>	<p>Attach a formal statement that outlines your organisation's commitment to sustainability, where possible providing evidence of tangible results that demonstrate progress such as:</p> <p>Tick all that are attached:</p> <p><input type="checkbox"/> Formal statement</p> <p><input type="checkbox"/> Sustainability report</p> <p><input type="checkbox"/> UN Global Compact Communication on Progress</p> <p><input type="checkbox"/> Other, specify <a href="#">Click or tap here to enter text</a>.</p>
<b>Does your company belong to a diverse supplier group including micro, small or medium sized enterprise, women or youth owned business or other?</b> <i>(If yes, please provide details and documentation)</i>	<p>Click or tap here to enter text.</p>
<b>Is your company a member of the UN Global Compact</b>	<p>Choose an item.</p> <p>If yes, please provide a link to your Global Compact profile:</p> <p><a href="#">Click or tap here to enter text</a>.</p>
<b>Bank Information</b>	<p><b>Bank Name:</b> <a href="#">Click or tap here to enter text</a>.</p> <p><b>Bank Address:</b> <a href="#">Click or tap here to enter text</a>.</p> <p><b>IBAN:</b> <a href="#">Click or tap here to enter text</a>.</p> <p><b>SWIFT/BIC:</b> <a href="#">Click or tap here to enter text</a>.</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>Contact person that</b> Click or tap here to enter text. <b>may contact for requests for clarifications during bid evaluation</b>	<p>Name and Title: Click or tap here to enter text.</p> <p>Telephone numbers: Click or tap here to enter text.</p> <p>Email: Click or tap here to enter text.</p>



#### FORM E: JOINT VENTURE/CONSORTIUM/ASSOCIATION INFORMATION

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB26/03170		

To be completed and returned with your bid if the bid is submitted as a Joint Venture/Consortium/Association.

No	Name of Partner and contact information (address, telephone numbers, fax numbers, e-mail address)	Proposed proportion of responsibilities (in %) and type of goods, works and/or services to be performed
1	Click or tap here to enter text.	Click or tap here to enter text.
2	Click or tap here to enter text.	Click or tap here to enter text.
3	Click or tap here to enter text.	Click or tap here to enter text.

<b>Name of leading partner</b>  (with authority to bind the JV, Consortium, Association during the ITB process and, in the event a Contract is awarded, during contract execution)	Click or tap here to enter text.
--	----------------------------------

We have attached a copy of the below referenced document signed by every partner, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture:

Letter of intent to form a joint venture **OR**  JV/Consortium/Association agreement

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to Click or tap here to enter text for the fulfilment of the provisions of the Contract.

Name of partner: <hr/>	Name of partner: <hr/>
Signature: _____	Signature: _____
Date: _____	Date: _____
Name of partner: <hr/>	Name of partner: <hr/>
Signature: _____	Signature: _____
Date: _____	Date: _____



## FORM F: ELIGIBILITY AND QUALIFICATION FORM

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB26/03170		

*If JV/Consortium/Association, to be completed by each partner.*

### History of Non- Performing Contracts

<input type="checkbox"/> No non-performing contracts during the last 3 years			
<input type="checkbox"/> Contract(s) not performed in the last 3 years			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

### Litigation History (including pending litigation)

<input type="checkbox"/> No litigation history for the last 3 years			
<input type="checkbox"/> Litigation History as indicated below			
Year of dispute	Amount in dispute (state currency)	Contract Identification	Total Contract Amount (state currency)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

### Previous Relevant Experience

Please list only previous similar assignments successfully completed in the **last 5 years**.

List only those assignments for which the bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the bidder, or that of the bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken and role (Contractor, sub-contractor or consortium member)



***Bidders shall detail projects with multi-station deployment. Bidders may also attach their own Project Data Sheets with more details for assignments above.***

Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

#### **Financial Standing**

<b>Annual Turnover for the last 3 years</b>	Year 2022	Currency	Amount
	Year 2023	Currency	Amount
	Year 2024	Currency	Amount
<b>Latest Credit Rating (if any), indicate the source and date.</b>			

<b>Financial information (state currency)</b>	<b>Historic information for the last 3 years</b>		
	Year 2022	Year 2023	Year 2024
<i>Information from Balance Sheet</i>			
Total Assets (TA)			
Total Liabilities (TL)			
Current Assets (CA)			
Current Liabilities (CL)			
<i>Information from Income Statement</i>			
Total / Gross Revenue (TR)			
Profits Before Taxes (PBT)			
Net Profit			
Current Ratio (current assets/current liabilities)			

Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- a) Must reflect the financial situation of the bidder or party to a JV, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified public accountant;
- c) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.



## FORM G: TECHNICAL BID

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB26/03170		

The Bidder's Bid should be organized to follow this format of the Technical Bid. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

### SECTION 1: Bidder's qualification, capacity and expertise

- 1.1 General organizational capability which is likely to affect implementation: management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted (if so, provide details).
- 1.2 Relevance of specialized knowledge and experience on similar engagements done in the region/country.
- 1.3 Quality assurance procedures and risk mitigation measures.
- 1.4 Organization's commitment to sustainability.

### SECTION 2: Scope of Supply, Technical Specifications, and Related Services

This section should demonstrate the Bidder's responsiveness to the specification by identifying the specific components proposed, addressing the requirements, as specified, point by point; providing a detailed description of the essential performance characteristics proposed; and demonstrating how the proposed bid meets or exceeds the requirements/specifications. All important aspects should be addressed in sufficient detail.

- 2.1 A detailed description of how the Bidder will deliver the required goods and services, keeping in mind the appropriateness to local conditions and project environment. Details how the different service elements shall be organized, controlled and delivered.
- 2.2 Explain whether any work would be subcontracted, to whom, how much percentage of the requirements, the rationale for such, and the roles of the proposed sub-contractors and how everyone will function as a team.
- 2.3 The bid shall also include details of the Bidder's internal technical and quality assurance review mechanisms.
- 2.4 Implementation plan including a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.
- 2.5 Demonstrate how you plan to integrate sustainability measures in the execution of the contract.

Goods, works and/or services to be Supplied and Technical Specifications	Bidder's response				
	Compliance with technical specifications		Delivery Date (confirm that you comply or indicate your delivery date)	Quality Certificate / Export Licenses, etc. (indicate all that apply and attach)	Comments
	Yes, we comply	No, we cannot comply (indicate discrepancies)			
<b>Deliverable 1:</b> 11 Projects Outlines developed, delivered in line with <u>Stage 1: Project outline</u> requirements			30 days since the date of the contract signature		
<b>Deliverable 2:</b> Factory Acceptance Test (FAT) conducted, and FAT Report delivered in line with the requirements of <u>Stage 2: FAT</u> requirements.			6 months since the date of the contract signature		
<b>Deliverable 3:</b> 12 signed Final acceptance acts (conducted in line with <u>Stage 5: Commissioning</u> ), including:  <b>Deliverable 3.1.</b> Equipment requested by the ITB supplied and installed in line with the Project Outlines (conducted as described in <u>Stage 3: Supply and installation of the air quality monitoring stations</u> )  <b>Deliverable 3.2.</b> 12 site acceptance tests conducted and signed (in line with <u>Stage 4: Testing, point 1.</u> )  <b>Deliverable 3.3.</b> 12 Operational tests conducted and signed (in line with <u>Stage 4: Testing, point 2.</u> )			In 10 months since the date of the contract signature  In 2 months since the Deliverable 2 is implemented  In 2 weeks since the Deliverable 3.1. is implemented  In 1 month since the Deliverable 3.2. is implemented		

<b>Deliverable 3.4.</b> Performance test conducted in line with <b>Stage 4: Testing, point 3</b> and Documentation delivered as per <b>Stage 4: Testing, point 4</b>			In 1 month since the Deliverable 3.2. is implemented		
<b>Deliverable 4:</b> Training concept coordinated and accepted, and initial training session conducted (in line with <b>Stage 5: Training, point 1&amp;2</b> )			3 weeks since the Deliverable 3 is implemented		
<b>Deliverable 5:</b> Follow-up training (in line with <b>Stage 5: Training, point 3</b> )			6 months since the Deliverable 3 is implemented		

Other Related services and requirements <i>(based on the information provided in Section 5)</i>	Compliance with requirements		Details or comments on the related requirements
	Yes, we comply	No, we cannot comply <i>(indicate discrepancies)</i>	
Delivery date			
Delivery Terms (DAP) to each location			
Installation Requirements			
Testing Requirements			
Scope of Training on Operation and Maintenance and Follow-up Training			
Commissioning			
Warranty Period			
Local Service Support			
Technical Support Requirements			
After-sale services Requirements			
Inspections and tests			
Related services requirements			
Payment Terms			
All documentations, including catalogues, instructions and operating manuals, shall be in this language EN/RO/RU			

Additionally, the Bidder shall mandatorily fill in the **Annex 2: Technical Responsiveness Table** as part of its Technical Offer. The filled in Annex will demonstrate how the Bidder meets the requirements of Annex 1: **Equipment, Services and Technical Specifications**.

**[Annex 2: Technical Responsiveness Table is attached as a separate document]**



### SECTION 3: Management Structure and Key Personnel

- 3.1 Describe the overall management approach toward planning and implementing the project. Include an organization chart for the management of the project describing the relationship of key positions and designations. Provide a spreadsheet to show the activities of each personnel and the time allocated for his/her involvement.
- 3.2 Provide CVs for key personnel that will be provided to support the implementation of this project using the format below. CVs should demonstrate qualifications in areas relevant to the scope of goods and/or services.

#### Format for CV of Proposed Key Personnel

<b>Name of Personnel</b>	[Insert]
<b>Position for this assignment</b>	[Insert]
<b>Nationality</b>	[Insert]
<b>Language proficiency</b>	[Insert]
<b>Education/ Qualifications</b>	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i> [Insert]
<b>Professional certifications</b>	<i>[Provide details of professional certifications relevant to the scope of goods and/or services]</i> <ul style="list-style-type: none"><li>▪ Name of institution: [Insert]</li><li>▪ Date of certification: [Insert]</li></ul>
<b>Employment Record/ Experience</b>	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i> [Insert]
<b>References</b>	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i> Reference 1: [Insert] Reference 2: [Insert]

I, the undersigned, certify that to the best of my knowledge and belief, the data provided above correctly describes my qualifications, my experiences, and other relevant information about myself.

---

Signature of Personnel

---

Date (Day/Month/Year)



## FORM H: PRICE SCHEDULE

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB26/03170		

Please find **Form H: Price Schedule attached as a separate document in Excel format.**

Please complete and sign the form, and submit both the signed and scanned version and the editable Excel file as part of your submission.



## FORM I: BID SECURITY

**Bid Security must be issued using the official letterhead of the Issuing Bank.  
Except for indicated fields, no changes may be made on this template.**

---

Beneficiary: Insert contact information for procuring organisation as provided in Section 3: Data Sheet.

ITB Reference: Click or tap here to enter text.

WHEREAS Click or tap here to enter text. (hereinafter called "the bidder") has submitted a bid to Click or tap here to enter text. dated Click or tap to enter a date. to execute goods and/or services Click or tap here to enter text. (hereinafter called "the bid"):

AND WHEREAS it has been stipulated by you that the bidder shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security if the bidder:

- a) Fails to sign the Contract after Click or tap here to enter text. has awarded it;
- b) Withdraws its bid after the date of the opening of the bids;
- c) Fails to comply with Click or tap here to enter text.'s variation of requirement, as per ITB instructions; or
- d) Fails to furnish Performance Security, insurances, or other documents that Click or tap here to enter text. may require as a condition to rendering the contract effective.

AND WHEREAS we have agreed to give the bidder such Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the bidder, up to a total of *[amount of guarantee]* *[in words and numbers]*, such sum being payable in the types and proportions of currencies in which the bid price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of *[amount of guarantee as aforesaid]* without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

This guarantee shall be valid up to 30 days after the final date of validity of bids.

### SIGNATURE AND SEAL OF THE GUARANTOR BANK

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Bank \_\_\_\_\_

Address \_\_\_\_\_

*[Stamp with official stamp of the Bank]*