INVITATION TO BID (ITB)

ITB24/02890: EU4MD/ Development of Supervisory Control and Data Acquisition (SCADA) System for Ungheni Municipality

ITB No.:	ITB24/02890
Project:	Eu4Moldova: Focal regions Programme
Country:	Moldova, Republic of

SECTION 1: LETTER OF INVITATION

United Nations Development Programme, hereinafter referred to as UNDP, through "EU4Moldova Focal Regions Programme" hereby invites prospective bidders to submit a bid for Procurement, installation and implementation of the monitoring, control/command and data acquisition system (SCADA – Supervisory Control and Data Acquisition) for Ungheni Municipality 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 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
- Form H: Price Schedule
- Annex 1: Technical Specifications
- Annex 2: Technical Responsiveness Table

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: <u>http://supplier.quantum.partneragencies.org</u> 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-00510** 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: <u>https://estm.fa.em2.oraclecloud.com/fscmUI/faces/PrcPosRegisterSupplier?prcBuId=300000127714247</u> 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.

Field visit information Time and time zone: 11:00 AM (Moldova time / GMT+3) Date: 17 July 2024 Location: Ungheni municipality Address: Municipal Enterprise "Apa-Canal" Ungheni, 2 Nationala Street

The site visit is not mandatory, but highly recommended.

Should you require further clarifications on the application through the Quantum online portal, kindly contact the Procurement Unit at <u>sc.md@undp.org</u>. 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

	GENERAL		
1.	Scope	Bidders are invited to submit a bid for the Click or tap here to enter text. 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.	
		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 https://popp.undp.org/SitePages/POPPRoot.aspx.	
2.	Interpretation of the ITB	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.	
3.	Supplier Code of Conduct	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 principles on labour, human rights, environment and ethical conduct may be may be found at: <u>https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</u>	
		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.	
		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 http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_a ndinvestigation.html#anti	
		In pursuance of this policy, UNDP:	
		 (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) 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. 	
4.	Eligible	Bidders shall have the legal capacity to enter into a binding contract with UNDP.	
	bidders/Conflict of Interest	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 it is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country.	
		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.	
		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.	
		Similarly, the Bidders must disclose in their Bid their knowledge of the following:	
		 a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this ITB; and b) All other circumstances that could potentially lead to actual or perceived conflict of 	
		interest, collusion or unfair competition practices. Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.	

	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, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.
	Bidders shall not be eligible to submit a bid if at the time of bid submission:
	 is included in the Ineligibility List, hosted by <u>UNGM</u>, that aggregates information disclosed by Agencies, Funds or Programs of the UN System;
	 is included in the <u>Consolidated United Nations Security Council Sanctions List</u>, including the <u>UN</u> <u>Security Council Resolution 1267/1989 list;</u>
	• is included in the <u>World Bank Corporate Procurement Listing of Non-Responsible</u> <u>Vendors</u> and <u>World Bank Listing of Ineligible Firms and Individuals.</u>
5. Eligible goods, works and services	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.
	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.
	The origin of goods, works and services is distinct from the nationality of the bidder.
6. Proprietary information	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.
7. Publicity	During the ITB process, a bidder is not permitted to create any publicity in connection with the ITB.
SOLICITATION DOCUME	
8. Clarification of solicitation documents	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.
	UNDP will provide the responses to clarifications through the method specified in Section 3: Data Sheet.
	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.
9. Amendment of solicitation documents	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.
	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.
PREPARATION OF BIDS	·
10. Cost of preparation of bid	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.
11. Language	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.
12. Documents comprising the	The bid shall comprise of the following documents and related forms which details are provided in Section 3: Data Sheet:
bid	a) Documents establishing the eligibility and qualifications of the bidder;

	h) Tochnical hid
	 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.
13. Documents establishing eligibility and qualifications of the bidder	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.
14. Technical bid	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.
15. Price Schedule	The Price Schedule shall be prepared using the Form provided in Section 7 and taking into consideration the requirements in the ITB.
	The prices and discounts quoted by the bidder shall conform to the requirements specified below.
	• All items and lots (if applicable) must be listed and priced separately.
	• The price to be quoted shall be the total price of the bid, excluding any discounts offered.
	• The bidder shall quote any unconditional discounts and indicate the method for their application.
	• 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.
	• 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 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.
	• 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.
16. Bid currencies	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:
	 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 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.
17. Duties and taxes	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.
18. Bid validity period	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.
	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.
	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.
	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.
	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.
19. Bid Security	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.
	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.
	If the bid security amount or its validity period is found to be less than is required by UNDP, UNDP shall reject the bid.
	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.
	Unsuccessful bidders' bid securities will be discharged/returned as promptly as possible but no later than thirty (30) days after the expiration of the period of bid validity prescribed by UNDP pursuant to Article 18 (Bid Validity Period).
	The bid security may be forfeited by UNDP, and the bid rejected, in the event of any, or combination, of the following conditions:
	 If the bidder withdraws its offer during the period of the bid validity specified in Section 3: Data Sheet, or; In the event the successful bidder fails: to sign the Contract after UNDP has issued an award; or 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.
20. Joint Venture,	If the bidder is a group of legal entities that will form or have formed a Joint Venture (JV),
Consortium or Association	 Consortium or Association for bid, each such legal entity will confirm in their joint bid that: 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
	• 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.
	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.
	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.
	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.
	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.
	A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:
	• Those that were undertaken together by the JV, Consortium or Association; and
	• Those that were undertaken by the individual entities of the JV, Consortium or Association.

	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. 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.
21. Only one bid	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. Bids submitted by two (2) or more bidders shall all be rejected if they are found to have any of the
	 following: they have at least one controlling partner, director or shareholder in common; or any one of them receive or have received any direct or indirect subsidy from the other/s; or they have the same legal representative for purposes of this ITB; or 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; 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.
22. Alternative bids	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.
	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.
23. Pre-bid conference	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.
	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.
	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.
	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).
	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.
	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.
24. Site inspection	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.
	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.
	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.

	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.
	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:
	(i) loss of or damage to any real or personal property;
	(ii) personal injury, disease or illness to, or death of, any person;
	(iii) financial loss or expense, arising out of the carrying out of that site inspection; and
	(iv) transportation by UNDP to the site (if provided) as a result of any accidents or malicious acts by third parties.
	UNDP 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).
	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.
25. Errors or omissions	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.
	Bidders shall not benefit from such ambiguities, errors, omissions, discrepancies, inconsistencies or other faults.
26. Bidders responsibility to inform	Bidders shall be responsible for informing themselves in preparing their bid. In this regard, bidders shall ensure that they:
themselves	 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; review the ITB to ensure that they have a complete copy of all documents; obtain and examine all other information relevant to the project and the scope of the
	 requirements available on reasonable enquiry; 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;
	 attend any Pre-bid conference or site inspection if it is mandatory under this ITB; 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 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. 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.
27. No material change(s) in	The bidder shall inform UNDP of any change(s) of circumstances arising during the ITB process, including but not limited to:
circumstances	 a change affecting any declaration, accreditation, license or approval; 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; a change to any information on which UNDP may rely in assessing bids.
SUBMISSION AND OPEN 28. Instruction for	ING OF BIDS The bidder shall submit a duly signed and complete bid comprising the documents and forms in
bid submission	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.

	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.
	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.
	Electronic submission through the portal, if allowed as specified in the BDS, shall be governed as follows:
	 Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS; 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.
29. Deadline for bid submission	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 http://www.timeanddate.com/worldclock/ . 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.
	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.
30. Withdrawal, substitution and modification of bids	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".
	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.
	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.
31. Storage of bids	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.
32. Bid opening	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.
33. Late bids	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.
EVALUATION OF BIDS	
34. Confidentiality	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.
35.	Evaluation of bids	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.
26	Decliminant	 Evaluation of bids shall be undertaken in the following steps: a) Preliminary examination b) Evaluation of eligibility and qualification c) Evaluation of technical bids d) Evaluation of prices of bids found to be substantially compliant 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).
36.	Preliminary examination	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.
37.	Evaluation of eligibility and qualification	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:
		a) They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's ineligible vendors' list;
		b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments,
		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;
		d) They are able to comply fully with the UNDP General Terms and Conditions of Contract;
		e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and
		f) They have a record of timely and satisfactory performance with their clients.
38.	Evaluation of technical bids	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.
		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.
39.	Evaluation of prices	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.
40.	Post- qualification/Due diligence	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:
		 a) Verification of accuracy, correctness and authenticity of information provided by the bidder; 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; 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;

	 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; e) Physical inspection of the bidder's offices, branches or other places where business transpires, with or without notice to the bidder; f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.
41. Clarification of bids	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).
	UNDP may use such information in interpreting and evaluating the relevant bid but is under no obligation to take it into account.
	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.
42. Responsiveness of bid	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:
	 a) affects in any substantial way the scope, quality, or performance of the goods, services and/or works specified in the contract; or b) limits in any substantial way, inconsistent with the bidding documents, UNDP's rights or the bidder's obligations under the contract; or c) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
	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.
43. Nonconformities, reparable errors and omission	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.
	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.
	For bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows:
	 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;
	 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
	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.
	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.
44. Right to accept any bid and to	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

	reject any or all bids	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.
45.	Samples	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.
		If a bidder fails to provide samples or documents requested by UNDP in a timely manner, UNDP may declare the bid unsuccessful.
AW	ARD OF CONTRACT	
46.	Award criteria	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.
47.	Right to vary requirement at time of award	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
48.	Notification of award	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.
49.	Debriefing	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.
50.	Publication of Contract Award	UNDP will publish the contract award on UNDP Procurement Notices website <u>https://procurement-notices.undp.org/view_awards.cfm</u> with the ITB reference number, the information of the awarded bidder company name, contract amount or LTA and the date of the contract.
51.	Contract Signature	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.
52.	Contract Type and General Terms and Conditions	The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions,asspecifiedinBDS,canbeaccessedat http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
53.	Performance security	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 <u>here</u>
		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.
54.	Bank guarantee for advance payment	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 <u>bank guarantee form</u> . 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.

55. Liquidated Damages	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.
56. Bid protest	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: <u>http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html</u>
57. Other Provisions	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.
	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.
	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 http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&referer

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	The reference number of this Invitation to Bid (ITB) is ITB24/02890: Development of Supervisory Control and Data Acquisition (SCADA) System for Ungheni Municipality.
		UNDP Moldova seeks to the purchase installation and implementation of the monitoring, control/command and data acquisition system (SCADA – Supervisory Control and Data Acquisition) for Ungheni Municipality.
		The scope of services and specifications of goods are further described in Section 5 of this ITB.
2.	Eligible bidders	Bidders from all countries are eligible to bid.
3.	Eligible goods, works and services	Goods, works and/or services with origin in all countries are eligible in this bidding process.
4.	Clarification of solicitation documents	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:
		E-mail address: <u>sc.md@undp.org</u>
		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).
		Deadline for submitting requests for clarifications / questions:
		5 (five) days before the submission deadline UNDP will post the clarifications directly to the system.
5.	Language	All bids, information, documents and correspondence exchanged between UNDP and the bidders in relation to this bid process shall be in English and Romanian (acceptable).
6.	Price adjustment	The price quoted by the Bidder shall not be subject to adjustment during the performance of the contract.
7.	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.
8.	Bid currencies	Prices shall be quoted only in the currency indicated in the system:
		USD (US Dollars)
		In case of contract award to a local company, payments will be made in Moldovan Leu based on UN Operational Rate of Exchange valid on the date of money transfer, as per the "payment terms and conditions" stipulated in this solicitation document: <u>https://treasury.un.org/operationalrates/OperationalRates.php</u>
		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
9.	Duties and taxes	accordance with the national legislation. All prices shall:
		Be exclusive of VAT and other applicable indirect taxes.
10.	Bid validity period	90 days

11.	Bid security	Not Required
12.	Alternative bids	Shall not be considered
13.	Pre-bid conference	Will not be conducted
14.	Site inspection	Bidders are encouraged to arrange their own site visits as follows: Time and time zone: 11:00 AM (Moldova time / GMT+3) Date: 17 July 2024 Location: Ungheni municipality
		Address: Municipal Enterprise "Apa-Canal" Ungheni, 2 Nationala Street Bidders shall notify the focal person at least two (2) days in advance on their planned visit and provide the details of their representatives who will attend. Bidders should arrange the site visit at their own cost. Focal Person: Artur Grozav, Procurement Specialist E-mail address: artur.grozav@undp.org
15.	Instruction for bid	<i>The site visit is not mandatory, but highly recommended.</i> Bidders must submit their bid directly in the online system.
15.	submission	 File Format: PDF files only File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. All files must be free of viruses and not corrupted. It is recommended that bidders organize and name the files according to the requirements and structure of the bid to facilitate their review. The bidder should receive an email acknowledging email receipt from the system.
16.	Deadline for bid submission	Deadline is indicated in the supplier portal . 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. Note that system time zone is in EST/EDT (New York) time zone.
17.	Bid opening	\boxtimes A Public bid opening report will be sent automatically from the system to all bidders who have submitted a bid for this tender.
18.	Evaluation Method for the Award of Contract	Lowest priced out of technically responsive, eligible and qualified bids.
19.	Expected date for commencement of contract	15 August 2024
20.	Right to vary requirement at time of award	The maximum percentage by which quantities may be increased or decreased is 25%
21.	Contract award to one or more bidder	UNDP will award a contract to: One Bidder only
22.	Type of contract to be awarded	Contract for Goods and/or Services to UNDP See Section 6: for sample contract. <u>http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</u>
23.	Conditions of contract to apply	UNDP General Terms and Conditions for Contracts See Section 6

		http://www.undp.org/content/undp/en/home/procurement/business/how-we- buy.html
24.	Performance security	Not required
25.	Advance payment	Not Allowed
26.	Liquidated Damages	Will be imposed as follows:
		Percentage of contract price per week of delay: 2.5% up to a maximum of 10% of the Contract value, after which UNDP may terminate the contract.
27.	Documents to be submitted	 Annex 2: Technical Responsiveness Table Bid Confirmation (as per Form A) Bid Submission (as per Form C) Bidder Information (as per Form D) 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. Catalogues highlighting information related to the proposed products Certificate of Incorporation/Business Registration Certificate of Incorporation/Business Registration Certificate of norporation/Business Registration Certification of an entry located outside the country ownership (or Annex 1 to Business Registration Certificate – for local companies) Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entry located outside the country Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney (if Supplier is not the manufacturer). Manufacturer Authorization Form (MAF) Joint Venture Partner Information Form (as per Form F) The 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) or registered Financial Report at the Statistical Bureau (for local companies) or registered Financial Statements confirming satisfactory performance by the Bidder each JV partner/Subcontractor (if the case), on the three contract, contract, amount and period of contract execution Copies of signed contracts to prove that Offeror meets the similar experience requirement (stated under Section 4: Evaluation Criteria) At least 2 Clients' statements confirming satisfactory performance by th

	•	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
	•	Export Licenses, if applicable

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	Duly signed and stamped Form C: Bid Submission has		
specified in Section 6	been provided.		
Bid Validity	Duly signed and stamped Form C: Bid Submission has		
	been provided.		
Appropriate signatures	Bid Form have been duly signed and stamped.		
Power of Attorney [if applicable]	Certified Letter of Appointment and/or power of		
	attorney authorizing the representative of the Bidder		
	to sign bids has been provided.		
Participation at the Site Inspection	n/a		

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
Bidder belongs to a diverse supplier group including micro, small or medium sized enterprise, women or youth owned business or other.	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: Duly authorized to act as Agent on behalf of the Manufacturer, or Power of Attorney, if bidder is not a manufacturer. Manufacturer Authorization Form (MAF). Official appointment as local representative, if bidder is submitting a bid on behalf of an entity located outside the country. Patent Registration Certificates, if any of technologies submitted in the bid is patented by the bidder. Export/Import Licenses, if applicable. 	Form D: Bidder Information

Qualification Criteria	Documents to establish compliance
History of non-performing contracts ¹ : Non- performance of a contract did not occur as a result of contractor default within the last 3 years.	Form F: Eligibility and Qualification
Litigation History: No consistent history of court/arbitral award decisions against the bidder for the last 3 years.	Form F: Eligibility and Qualification
Previous Experience	
Minimum three (3) years of relevant experience in provision of similar equipment and services. (For JV/Consortium/Association, Lead company should meet requirement).	Form F: Eligibility and Qualification
Minimum two (2) similar (in terms of type and volume of goods and works) contracts undertaken in the past five (5) years. (For JV/Consortium/Association, Lead company should meet requirement).	Form F: Eligibility and Qualification
Financial Standing	
Liquidity: the ratio Average current assets / Current liabilities over the last 3 years must be equal or greater than 1. (For JV/Consortium/Association, all Parties cumulatively should meet requirement).	Copy of audited financial statements for the last three years. Form F: Eligibility and Qualification
Turnover:Bidders should have average cumulative turnover of minimum 200,000 USD (per year) for the last three (3) years.(ForJV/Consortium/Association,allParties cumulatively should meet requirement).	Copy of audited financial statements for the last three years. Form F: Eligibility and Qualification
Warranty	
Warranty for a minimum period of 24 months.	Statement confirming the issuance of warranty certificates for at least twenty-four (24) months from the date of commissioning (and 36 months for Operating System of the item 1.2)

Technical Evaluation Criteria

Criteria	Documents to establish compliance
Technical Specifications of the goods offered in the bid	Form G: Technical Bid
are substantially compliant and do not contain any	
material deviation(s) from the minimum required as	
included in Section 5: Schedule of Requirements and	
Annex 1: Technical Specifications (detailed	
description).	
The bid is substantially compliant with the minimum	Form G: Technical Bid
Delivery Requirements included in Section 5: Schedule	Form H: Price Schedule
of Requirements Annex 1: Technical Specifications	
(detailed description) and does not contain any	
material deviation(s).	
The bid is substantially compliant with Warranty	Form G: Technical Bid
Requirements included in Section 5: Schedule of	
Requirements Annex 1: Technical Specifications	

¹ 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.

(detailed description) and does not contain any material deviation(s).	
The bid is substantially compliant with Local Service, Technical Support and After-Sales Requirements included in Section 5: Schedule of Requirements 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

The EU4Moldova: Focal Regions Programme (hereinafter referred to as – the Programme) is supporting Ungheni focal region in the process of implementation of the "Supervisory Control and Data Acquisition System for Ungheni Water Supply and Wastewater Facilities".

During 2021-2023 the Programme conducted a thorough evaluation of the water supply system and wastewater facilities in Ungheni. Recognizing the challenges, the Programme is aligning with the objectives of the Socioeconomic Development Strategy of the Ungheni Municipality for the period 2019-2025² and the Water Supply and Sewerage Sector Development Plan in the Ungheni district for the period 2018-2025³, supporting the Ungheni focal region to develop and strengthen the capacity of the Municipal Enterprise "Apa-Canal" Ungheni as a regional operator through the implementation of automation and SCADA systems for monitoring and control of water and sewage technological process.

To fulfil this objective, the Programme has developed Technical Specifications for the acquisition, installation, and implementation of a new full-featured SCADA system that will allow instant monitoring and control of the selected system operating parameters at the "Apa-Canal" Ungheni.

The SCADA system developed under this **ITB24/02890** must be extensive, with a capacity to add and monitor new sites, such as additional pumping stations and/or remote monitoring and control stations. This plant and equipment shall meet the indicated SCADA requirements, as well as provide sufficient capacity to accommodate additional pumping stations (control points) to handle future system demands.

In this context, the Technical Specification (Annex 1) have been prepared to provide to the Offerors details about plant and equipment to be properly designed, supplied, and installed, as well as the best practice and requirements about materials and installation methods to be used. Should part of the specifications conflict with other part of these specifications the Offeror shall obtain written instructions from the Programme before proceeding with supply and installation works affected by the discrepancies.

Once implemented, the SCADA system will have to provide crucial data for operational decision-making, including instant monitoring and control of the selected system operating parameters, as provided in the Annex 1 (Technical Specifications).

The SCADA system shall be extensive, with a capacity to add and monitor new sites, such as additional pumping stations and/or remote monitoring and control stations. This plant and equipment shall meet the indicated SCADA requirements, as well as provide sufficient capacity to accommodate additional pumping stations (control points) to handle future system demands, as provided in Technical Specifications.

The Offeror shall successfully design, manufacture, supply, install, program, integrate, test, commission, and conduct training on a fully operational extensive SCADA system, including software and hardware for measurement and data communications, monitoring and control, historical data recording, analysis and reporting system, covering all the main system components as per Technical Specifications document.

Some sites are already partially equipped with measurement equipment, which will be provided at the Offeror's disposal by Programme. Full Description of the Work and System Design Requirements associated with the SCADA system are provided in the Annex 1 (Technical Specifications document).

A. Period of performance

The assignment will begin in August 2024 and will end no later than 19 November 2024.

B. Reporting requirements

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

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

C. Payment terms

² <u>https://eu4ungheni.md/wp-content/uploads/2022/09/Strategia-de-dezvoltare-socio-economica-a-mun.Ungheni 2019-2025 final.pdf</u>

³ <u>http://ungheni.md/wp-content/uploads/2020/01/Dezvoltarea-Sectorului-de-Alimentare-cu-apă-și-Canalizare.pdf</u>

100% within 30 days after receipt of goods, works and/or services and submission of payment documentation.

D. Conditions for Release of Payment

⊠ Passing Inspection. Complete Installation

⊠ Passing all Testing

Completion of Training on Operation and Maintenance – Primary Operator, Operators and at least one Engineer at "Apa-Canal" Ungheni

☑ Written Acceptance of Goods, Services and Works, based on full compliance with ITB requirements.

E. Technical Specifications for Goods, are described in the Annex 1: Technical Specifications document of the present ITB.

F. Delivery Requirements

Delivery Requirements			
Delivery date and timeBidder shall implement the contract (including delivery of goods, installation, testing, commissioning, and training) within up to 90 days after Contract sign			
Delivery Terms (INCOTERMS 2020)	DDP - Ungheni Municipality, 2 National Street, Municipal Enterprise "Apa-Canal" Ungheni		
Customs clearance (must be linked to INCOTERM	Shall be done by: ⊠ Supplier/bidder UNDP is available to provide support to the contractor with required documents necessary for customs clearance and VAT payment exemption, if needed		
Exact Address(es) of Delivery Location(s)	Ungheni Municipality, 2 National Street, Municipal Enterprise "Apa-Canal" Ungheni		
Training on Operations and Maintenance	A comprehensive training program shall be provided by the Offeror covering the operation and maintenance of all elements of the proposed SCADA system. Specific requirements for the training program are fully described in the Annex 1: Technical Specifications document		
Commissioning	Required		
Warranty Period	Minimum 24 months (and 36 months for Operating System of the item 1.2)		
After-sales service and local service support requirements	Technical support and maintenance of the system during 12 (twelve) months after full installation and commissioning of the SCADA system		

G. Technical Specifications for Goods

ltem No	Minimum requirements		Quantity
	SCHEDULE NO.1 - PLANT AND EQUIPMENT, INCLUDING MANDATORY SPARE PARTS		
1.	CENTRAL DISPATCH AND CONTROL OFFICE (DCO)		
1.1	 Rack IT Enclosure incl. passive elements (accessories) Sheet steel 85% of vented surface area Dimensions – enough to install the necessary equipment, plus 30%. The industry standard rack cabinet 19" All needed accessories for mounting. 	set	1
	For detailed requirements see chapter 3.1.1 of Annex 1		
1.2	Server - Form factor - Rack Server. - Processor CPU Xeon® (or equivalent). - Memory 32 GB DDR4.	set	1

		-	
	 SSD 2x256GB in RAID-1 as a boot disk. HDD 2x1.2TB 12Gbps. 		
	 RAID 5 configuration support. Power supply 2xPSU, redundant 550 W AC. 		
	- Network interface 1 x IMM and 4 × 1 Gb.		
	 Platform Module built-in USB Ports / VGA Ports Up to 3 front (1 x USB 3.0, 2 x USB 2.0) and 4, 1 internal (USB 3.0) / 1 front and 1 back 		
	- Server shall be from the same manufacturer as all workstations		
	- Operating System:		
	Windows [®] Server x64 bit – English		
	Licenses - Windows [®] Server x64 bit- Multilanguage		
	 Microsoft [®] Office tools: Office Home & Business 2023 64 English or higher Limited 3-year warranty and upgrades available. 		
	For detailed requirements see chapter 3.1.2 of Annex 1		
	Network hardware (VPN Router, Ethernet Switch)		
	 - 19" Rack-mount VPN router. - Minimum of 8x 1Gb/s Ethernet ports; 1x1Gb/s WAN port. 		
1.3	 All needed accessories for mounting in server enclosures. 	set	1
	For detailed requirements see chapter 3.1.3 of Annex 1		
	 Uninterruptible power supply UPS The UPS shall ensure minimum of 1-hour backup time server. 		
	- At least 3000VA.		
	- 160 to 280 VAC Input with automatic 50/60 detection, with full time multi-pole noise		
	filtering, 0.3% IEEE surge let through, zero clamping response time.		
	- The UPS shall have audible alarms, automatic internal bypass, and automatic load		
1.4	 restart after UPS shutdown, automatic self-test, and predictive failure notification. Continuous battery recharging, even if the power button is set to OFF. The UPS shall 	set	1
	have a battery replacement indicator, disconnected battery notification, and shall allow		
	batteries to be replaced with equipment energized.		
	- WEB/SNMP connectivity device.		
	- All needed accessories for connection of both servers.		
	For detailed requirements see chapter 3.1.4 of Annex 1 Operator Workstation		
	- Processor: i5 Core last generation.		
	- Operating System: Windows [®] 11 Professional.		
	- Memory: 16GB, DDR4.		
	 Optical Drive: 16X DVD+/-RW and 8X DVD SSD 1x256GB as a boot disk 		
	- Hard Drive: 500GB.		
	- Network Adapter: 1GbE NIC, Dual Port.		
	- At least three (3) USB ports.		
1.5	- 3xMonitor: Minimum 27-inch full QHD screen, VGA/DVI with incorporated or separate speakers.	set	1
	- Keyboard: USB Entry Quiet key, No Hot Keys.		
	- Mouse: USB Optical Mouse with scroll, All Black Design with mouse pad.		
	- UPS 1000VA.		
	 Productivity software for PC shall be Microsoft[®] Office Business Edition. 1xLaser printer, color, with A4 paper format. 		
	The Operator Workstation shall be supplied with preinstalled system and all configured drivers.		
	For detailed requirements see chapter 3.2 Annex 1 SCADA Software for server		
	The SCADA software shall have the following minimum features:		
1.6	- Open system architecture with relational database management system.	set	1
1.0	- Feature for checking the healthiness of the system and communication links.	set	Ŧ
	 Sufficient capacity in terms of memory and I/O to perform the required functions. User-friendliness using 'Windows' based applications. 		
L			

	- Keeping of statistics of errors encountered in communication.		
	 Prioritization of tasks like alarm processing. 		
	 Database for storing and retrieval of various parameters, historical data etc. 		
	- Historical data archiving on hard disk as well as on removable media for at least 4		
	years. Multiple levels of security for users with predefined access rights and password		
	protected access. Alarm generation with timestamping.		
	- Trending of real-time and historical data in different user configurable formats.		
	- Flexible reporting system providing pre-formatted standard reports for common		
	requirements as well as generation of free format reports configurable by the user, available		
	on demand, event/ application initiation or at pre-set time intervals.		
	 Information display in various formats including bar graph, chart etc. 		
	- Possibility of mobile client integration. Web services for 2 (two) web browser-based		
	clients.		
	- Historian part will have to be included.		
	All Software specifications and licenses shall be ready installed and additionally delivered on		
	licensed DVD/CD to the Employer.		
	······································		
	For detailed requirements see chapter 3.4 of Annex 1		
_	SCADA Software for Operator Workstation		
1.7		set	1
	For detailed requirements see chapter 3.5 of Annex 1		
2.	STATIONS		
	Local Data Acquisition and Control Equipment for PS-1 (Stația de Pompare Treapta I)		
	 Wall mounted panel (incl. Mounted accessories and necessary wiring) 		
	- PLC with all necessary modules (please refer to particular specifications)		
	- HMI (please refer to particular specifications)		
2.1	- Measurement equipment (See chapter 5.1.1 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for PS-2 (Stația de Pompare Treapta II)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	- PLC with all necessary modules (please refer to particular specifications)		
	- HMI (please refer to particular specifications)		
2.2	- Measurement equipment (See chapter 5.1.2 of Annex 1)	set	1
		500	
	- All necessary consumable for installation	500	
	- All necessary consumable for installation	500	
	For detailed requirements see chapter 4 and 5 of Annex 1	Set	
	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare)		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare)		
	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications)		
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications)	set	1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1)		1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications)		1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1)		1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation		1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1		1
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring)		1
_	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications)		_
2.3	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications)		1
_	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - HMI (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.3.1 of Annex 1)	set	_
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_	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.3.1 of Annex 1) - All necessary consumable for installation	set	_
_	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) • Wall mounted panel (incl. Mounted accessories and necessary wiring) • PLC with all necessary modules (please refer to particular specifications) • HMI (please refer to particular specifications) • Measurement equipment (See chapter 5.2 of Annex 1) • All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) • Wall mounted panel (incl. Mounted accessories and necessary wiring) • PLC with all necessary modules (please refer to particular specifications) • HMI (please refer to particular specifications) • HMI (please refer to particular specifications) • All necessary modules (please refer to particular specifications) • HMI (please refer to particular specifications) • HMI (please refer to particular specifications) • All necessary consumable for installation For detailed requirements see chapter 5.3.1 of Annex 1) • All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-2	set	
_	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.3.1 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 - Add requirements see chapter 4 and 5 of	set	
2.4	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.3.1 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1	set	1
-	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of An	set	_
2.4	For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for WTP (Stația de tartare) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.2 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - Wall mounted panel (incl. Mounted accessories and necessary wiring) - PLC with all necessary modules (please refer to particular specifications) - HMI (please refer to particular specifications) - Measurement equipment (See chapter 5.3.1 of Annex 1) - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1 - All necessary consumable for installation For detailed requirements see chapter 4 and 5 of Annex 1	set	1

	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-3 (str. Romană 66)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	- PLC with all necessary modules (please refer to particular specifications)		
	- HMI (please refer to particular specifications)		
2.6	- Measurement equipment (See chapter 5.3.3 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-4 (str. Națională 33)		
	 Wall mounted panel (incl. Mounted accessories and necessary wiring 		
	 PLC with all necessary modules (please refer to particular specifications) 		
2.7	 HMI (please refer to particular specifications) 	set	1
	- Measurement equipment (See chapter 5.3.4 of Annex 1)	500	-
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-5 (str. Romană 112)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	 PLC with all necessary modules (please refer to particular specifications) 		
2.8	- HMI (please refer to particular specifications)	cot	1
2.8	- Measurement equipment (See chapter 5.3.5 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
<u> </u>	Local Data Acquisition and Control Equipment for BPS-6 (str. Ungureanu 9)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	- PLC with all necessary modules (please refer to particular specifications)		
	- HMI (please refer to particular specifications)		
2.9	- Measurement equipment (See chapter 5.3.6 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-7 (str. Cristiuc 11)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	- PLC with all necessary modules (please refer to particular specifications)		
	- HMI (please refer to particular specifications)		
2.10	- Measurement equipment (See chapter 5.3.7 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-8 (str. Boico 5-7)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring		
	 PLC with all necessary modules (please refer to particular specifications). HML (please refer to particular specifications) 		
2.11	 - HMI (please refer to particular specifications - Measurement equipment (See chapter 5.3.8 of Annex 1) 	set	1
	- Measurement equipment (see chapter 5.3.8 of Annex 1) - All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-9 (str. Porumbescu 3)		
	- Wall mounted panel (incl. Mounted accessories and necessary wiring		
	- PLC with all necessary modules (please refer to particular specifications)		
2.12	- HMI (please refer to particular specifications)	set	1
	 Measurement equipment (See chapter 5.3.9 of Annex 1) All necessary consumable for installation 		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-1 (SPAU-1) – (str. Tereza Sobolevschi)		
2.13	- Wall mounted panel (incl. Mounted accessories and necessary wiring)	set	1
	- PLC with all necessary modules (please refer to particular specifications)		
	- i co with an necessary modules (please relet to particular specifications)		

r	UNAL (mlassa mafan ka mankimulan anasifisakiana)		
	- HMI (please refer to particular specifications)		
	- Measurement equipment. (See chapter 5.4.1 of Annex 1)		
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-2 (SPAU-2) – (str. Cetireni)		
	 Wall mounted panel (incl. Mounted accessories and necessary wiring) 		
	 PLC with all necessary modules (please refer to particular specifications) 		
2.14	 HMI (please refer to particular specifications) 	set	1
2.14	- Measurement equipment. (See chapter 5.4.2 of Annex 1)	Set	-
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-3 (SPAU-3) – (str. Ion Neculce)		
	 Wall mounted panel (incl. Mounted accessories and necessary wiring) 		
	- PLC with all necessary modules (please refer to particular specifications)		
0.45	- HMI (please refer to particular specifications)		
2.15	- Measurement equipment. (See chapter 5.4.3 of Annex 1)	set	1
	- All necessary consumable for installation		
	For detailed requirements see chapter 4 and 5 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-4 (str. Ungureanu 15)	1	
	- Wall mounted panel (incl. Mounted accessories and necessary wiring)		
	- PLC with all necessary modules (please refer to particular specifications)		
2.16	- HMI (please refer to particular specifications)	set	1
	- Measurement equipment. (See chapter 5.4.4 of Annex 1)		
	- All necessary consumable for installation		
	For detailed you increase a character 4 and 5 of 4 may 1		
2	For detailed requirements see chapter 4 and 5 of Annex 1 MANDATORY SPARE PARTS		
3.			
2.4	PLC + DI + AI (Programmable logic controller + digital input module + analogic input module		
3.1		set	1
For detailed requirements see chapter 4.12 of Annex 1			
	Pressure transmitter		
	- Type of sensor: ceramic.		
	- Measuring range: suction pipe: 010 bar, pressure pipe: 016 bar.		
	 Process temperature: -20 °C +50 °C. 		
	 Fluid temperature: 0 °C +50 °C. 		
	- Media resistance: high.		
	- Media environment: water.		
3.2	- Protection class: IP 67.	pcs	2
	- Accuracy: 0.5%.		
	 Power supply: 12/24 (24VDC) for probe. 		
	 Output signal: 4-20 mA. 		
	 Standards and Guidelines: DIN EN 60770 (IEC 60770); DIN EN 61003-1. 		
	- Edition: 1993-12; IEC 60529; DIN 16086.		
	For detailed requirements see chapter 4.15 of Annex 1		
	SCHEDULE NO.2 - INSTALLATION AND OTHER SERVICES		
Iter	n No Minimum requirements	Unit	Quantity
:	. CENTRAL DISPATCH AND CONTROL OFFICE (DCO)	1	1
	Detailed design of SCADA system to central DCO		Lump
1			Sum
	For detailed requirements see chapter 2 of Annex 1		Sull
	Detailed design of SCADA system at facilities		1
1	2	-	Lump
	For detailed requirements see chapter 2 of Annex 1		Sum
	Installation and development of SCADA Server software applications according to	1	
	heneficiary requirements		Lump
1 1	3 beneficiary requirements	-	
-	-		Sum
-	For detailed information see Annex 1		Sum

1.4	Installation of SCADA Server Equipment to Central DCO	-	Lum
1.4	For detailed requirements see chapter 6.7 of Annex 1		Sum
	Installation of SCADA software for Operator according to beneficiary requirements		
1.5		-	Lum
	For detailed requirements see chapter 6.7 of Annex 1		Sun
2.	STATIONS		
	Local Data Acquisition and Control Equipment for PS-1 (Stația de Pompare Treapta		
2.1	1)	-	Lum
	For detailed as a locate on the star form d.C.O. of Amount		Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1Local Data Acquisition and Control Equipment for PS-2 (Statia de Pompare Treapta)		_
	II)		Lum
2.2	,	-	Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1		
	Local Data Acquisition and Control Equipment for WTP (Stația de tartare)		Lum
2.3		-	Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1		Jul
	Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga)		Lum
2.4	For detailed requirements and threater 5 and 6.0 -5.4 and	-	Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1		1
2.5	Local Data Acquisition and Control Equipment for BPS-2 (str. Romană 26)	_	Lum
2.5	For detailed requirements see chapter 5 and 6.8 of Annex 1		Sur
	Local Data Acquisition and Control Equipment for BPS-3 (str. Romană 66)		
2.6		-	Lum
	For detailed requirements see chapter 5 and 6.8 of Annex 1		Sur
	Local Data Acquisition and Control Equipment for BPS-4 (str. Națională 33)		
2.7		-	Lum
	For detailed requirements see chapter 5 and 6.8 of The Requirements - Technical		Sur
	Specifications document. Local Data Acquisition and Control Equipment for BPS-5 (str. Romană 112)		
2.8	Elical Data Acquisition and Control Equipment for BF3-5 (str. Komana 112)	-	Lum
2.0	For detailed requirements see chapter 5 and 6.8 of Annex 1		Sur
	Local Data Acquisition and Control Equipment for BPS-6 (Ungureanu 9)		
2.9		-	Lum Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1		Sui
	Local Data Acquisition and Control Equipment for BPS-7 (str. Cristiuc 11)		Lum
2.10		-	Sur
	For detailed requirements see chapter 5 and 6.8 of Annex 1		
	Local Data Acquisition and Control Equipment for BPS-8 (str. Boico 5-7)		Lum
2.11	For detailed requirements see chapter 5 and 6.8 of The Requirements - Technical	-	Sur
	Specifications document.		
	Local Data Acquisition and Control Equipment for BPS-9 (str. Porumbescu 3)		1
2.12		-	Lum Sur
	For detailed requirements see chapter 5 and 6.8 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-1 (SPAU-1) – (str. Tereza		1
2.13	Sobolevschi)	-	Lum Sun
	For detailed requirements see chapter 5 and 6.8 of Annex 1		Juli
	Local Data Acquisition and Control Equipment for WWPS-2 (SPAU-2) – (str.		1
2 1 4	Cetireni)		Lum
2.14		-	Sur
	For detailed requirements see chapter 5 and 6.8 of Annex 1		
	Local Data Acquisition and Control Equipment for WWPS-3 (SPAU-3) – (str. Ion		
2.15	Neculce)	-	Lum
	For detailed requirements see chapter 5 and 6.8 of Annex 1		Sur
	Local Data Acquisition and Control Equipment for WWPS-4 – (str. Ungureanu 15)		Lum
2.16	For detailed requirements see chapter 5 and 6.8 of Annex 1	-	Sur

3.	TRAINING		
3.1	Training For detailed requirements see chapter 7.8 of Annex 1	-	Lump Sum

Detailed Technical Specifications and requirements can be found in Annex 1: Technical Specifications.

[Annex 1: Technical Specifications is attached as a separate document]

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: <u>http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</u>

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: <u>http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</u>

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 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 ITB24/02890

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

Have you duly completed all the returnable bidding forms?	
 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	
Have you provided the required documents to establish compliance with the evaluation criteria in Section 4?	
Have you provided the required documents in support of Form D: Bidder Information?	

Price Schedule:

Form H: Price Schedule	
------------------------	--

FORM C: BID SUBMISSION

Name of bidder:	Click or tap here to enter text.	Date:	Click or tap to enter a date.
ITB reference:	ITB24/02890		

We, the undersigned, offer to supply the goods and related services required for Procurement, installation and implementation of the monitoring, control/command and data acquisition system (SCADA – Supervisory Control and Data Acquisition) for Ungheni Municipality in accordance with your Invitation to Bid No. 24/02798. We hereby submit our bid, which includes this Technical Bid and Price Schedule.

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	
		Requirements and Terms and Conditions: 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.
		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.
		Ethics : 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.
		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 : <u>https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</u> and acknowledge that it provides the minimum standards expected of suppliers to the UN.
		Conflict of interest: 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.
		Prohibitions, Sanctions: I/We hereby declare that our firm, ultimate beneficial owners, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group.
		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);
		Bankruptcy : I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
		Bid Validity Period: I/We confirm that this bid, including the price, remains open for acceptance for the bid validity period.
		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.
		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

ITB Reference	ITB24/02890		
Legal name of bidder	Click or tap here to enter text.		
Legal Address, City, Country	Click or tap here to enter text.		
Website	Click or tap here to enter text.		
Year of registration	Click or tap here to enter text.		
Bidder's Authorized Representative information	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.		
Legal structure	Choose an item.		
Organisational type	Choose an item.		
Current Licenses, if any, and permits (with dates, numbers and expiration dates)	Click or tap here to enter text.		
No. of full-time employees	Click or tap here to enter number.		
No. of staff involved in similar supply contracts	Click or tap here to enter number.		
Are you a UNGM registered vendor?	□ Yes □ No If yes, insert UNGM Vendor Number		
Years of supplying to UN organisations	Click or tap here to enter text.		
Are you a UNDP vendor?	□ Yes □ No If yes, insert Vendor Number		
Countries of operation	Click or tap here to enter text.		
Subsidiaries in the region (please indicate names of subsidiaries and addresses, if relevant to the bid)	Click or tap here to enter text.		
Commercial Representatives in the country: Name/Address/Phone (for international companies only)	Click or tap here to enter text.		
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	Click or tap here to enter text.		
Presence and characteristics of in-house quality control laboratory (if relevant to bid)	Click or tap here to enter text.		
Does your Company have a corporate environmental policy or environmental management system such as ISO 14001 or ISO 14064 or equivalent?	Tick all that apply and provide supporting documentation. Corporate Environmental Policy ISO 14001		

	□ ISO 14064			
	□ Other, specify Click or tap here to enter text.			
Does your organization demonstrate	Attach a formal statement that outlines your organisation's			
significant commitment to sustainability,	commitment to sustainability, where possible providing evidence of			
including the following aspects that have been identified in the UN Sustainable	tangible results that demonstrate progress such as:			
Procurement Framework?	Tick all that are attached:			
Environmental: prevention of	Formal statement			
pollution, sustainable resources;	Sustainability report			
climate change and mitigation and	UN Global Compact Communication on Progress			
the protection of the environment, biodiversity.				
	Other, specify Click or tap here to enter text.			
 Social: human rights and labour issues, gender equality, sustainable 				
consumption, and social health and				
wellbeing.				
• Economic: whole life cycle costing,				
local communities and small or				
medium enterprises, and supply chain sustainability.				
Does your company belong to a diverse				
supplier group including micro, small or	Click or tap here to enter text.			
medium sized enterprise, women or				
youth owned business or other?				
(If yes, please provide details and				
documentation]				
Is your company a member of the UN	Choose an item.			
Global Compact	If yes, please provide a link to your Global Compact profile:			
	Click or tap here to enter text.			
Bank Information	Bank Name: Click or tap here to enter text.			
	Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text.			
	SWIFT/BIC: Click or tap here to enter text.			
	Account Currency: Click or tap here to enter text.			
	Bank Account Number: Click or tap here to enter text.			
Contact manage that Click on tag have to	Name and Title: Click or tap here to enter text.			
Contact person that Click or tap here to enter text. may contact for requests for	Telephone numbers: Click or tap here to enter text.			
clarifications during bid evaluation	Email: Click or tap here to enter text.			
Please attach the following documents:	Annex 2: Technical Responsiveness Table			
Please attach the following documents.	 Bid Confirmation (as per Form A) 			
	 Bid Submission (as per Form C) Bidden before the form the			
	 Bidder Information (as per Form D) 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. Catalogues highlighting
	information related to the proposed products
•	Certificate of Incorporation/ Business Registration
•	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)
-	Official Letter of Appointment as local representative, if Bidder is
	submitting a Bid on behalf of an entity located outside the country Certification or authorization to act as Agent on behalf of the
-	Manufacturer, or Power of Attorney (if Supplier is not the
	manufacturer). Manufacturer Authorization Form (MAF)
	Joint Venture Partner Information Form (as per Form E), if
	applicable
	Evidence of the capacities, capabilities and reputation of the JV
	partners/Subcontractors (if any) should meet respective
	requirements listed in Section 4
	Eligibility and Qualification Form (as per Form F)
-	The 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
	(2021-2023)
•	Details of Previous Relevant Experience within the last three (3)
	years, indicating the Beneficiary name and contact details, scope
	of contract, contract amount and period of contract execution
•	Copies of signed contracts to prove that Offeror meets the similar
	experience requirement (stated under Section 4: Evaluation
	Criteria)
•	At least 2 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 three
	(3) years, by each intended participant Technical Bid (as per Form G)
	Quality Certificate (ISO 9001) and/or other similar certificates,
-	accreditations, awards and citations received by the Bidder, as per
	Annex 1
	Statement confirming the issuance of the Certificate(s) of Origin
	for the proposed equipment
	Statement confirming the issuance of warranty certificates for at
	least twenty-four (24) months from the date of commissioning
	(and 36 months for Operating System of the item 1.2)
-	Detailed delivery schedule (table, GANTT chart) for the detailed
	design and necessary drawings, delivery, installation,
	commissioning, and training on SCADA
•	Duly filled-in Price Schedule (as per Form H)
•	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
•	Export Licenses, if applicable

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:	ITB24/02890		

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)	ress, Proposed proportion of responsibilities (in %) ar type of goods, works and/or services to b 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.	

Name of leading partner	
(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:

 \Box Letter of intent to form a joint venture *OR* \Box 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:	Name of partner:
Signature:	Signature:
Date:	Date:
Name of partner:	Name of partner:
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:	ITB24/02890		

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

History of Non- Performing Contracts

□No non-performing contracts during the last 3 years					
□ Contract(Contract(s) not performed in the last 3 years				
Year	Non- performed portion of contract	Contract Identification	TotalContractAmount(current value in US\$)		
		Name of Client: Address of Client: Reason(s) for non-performance:			

Litigation History (including pending litigation)

□ No litigation history for the last 3 years			
□ Litigation	History as indicated b	elow	
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 3 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 (specify currency)	Period of activity and status (start date – end date/ month, year)	Types of activities undertaken and role (Contractor, sub-contractor or consortium member)

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

Annual Turnover for the last 3 years	2021	USD	Amount
	2022	USD	Amount
	2023	USD	Amount
Latest Credit Rating (if any), indicate the source and date.			

Financial information	Historic information for the last 3 years			
(state currency)				
	2021	2022	2023	
	Information from Balance	Sheet		
Total Assets (TA)				
Total Liabilities (TL)				
Current Assets (CA)				
Current Liabilities (CL)				
	Information from Income	Statement		
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:	ITB24/02890		

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.

			Bidder's response		
Goods, works and/or services to be Supplied	Compliance with technical specifications		Delivery Date	Quality Certificate/Expo	
and Technical Specifications	Yes, we comply	No, we cannot comply (indicate discrepancies)	(confirm that you	rt Licenses, etc. (indicate all that apply and attach)	Comments
Equipment as per Annex 1					

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

Additionally, the Bidder shall fill in the Annex 2: Technical Responsiveness Table, to meet the requirements of Annex 1: 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.

Name of Personnel	[Insert]
Position for this assignment	[Insert]
Nationality	[Insert]
Language proficiency	[Insert]
	[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]
Education/ Qualifications	[Insert]
Professional certifications	 [Provide details of professional certifications relevant to the scope of goods and/or services] Name of institution: [Insert] Date of certification: [Insert]

Format for CV of Proposed Key Personnel

Employment Record/ Experience	[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.] [Insert]		
References	[Provide names, addresses, phone and email contact information for two (2) references] 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:	ITB24/02890		

Bidders shall fill in these Price Schedule Forms in accordance with the instructions indicated. The Price Schedule must include a detailed cost breakdown of all goods and related services to be provided. Separate figures must be provided for each functional grouping or category, if any.

TABLE 1: Offer to Supply Equipment Compliant with Technical Specifications and Requirem	ents

Currency of the Quotation: USD								
INCOTER Item	INCOTERMS: DDP Ungheni Item Unit price, USD Total price							
No	Minimum requirements	UOM	Qty	(VAT 0%)	(VAT 0%)			
	SCHEDULE NO.1 - PLANT AND EQUIPMENT, I	NCLUDIN	G MANDATO					
1.	CENTRAL DISPATCH AND CONTROL OFF							
1.1	Rack IT Enclosure incl. passive elements (accessories)	set	1					
1.2	Server	set	1					
1.3	Network hardware (VPN Router, Ethernet Switch)	set	1					
1.4	Uninterruptible power supply UPS	set	1					
1.5	Operator Workstation	set	1					
1.6	SCADA Software for server	set	1					
1.7	SCADA Software for Operator Workstation	set	1					
2.	STATIONS							
2.1	Local Data Acquisition and Control Equipment for PS-1 (Stația de Pompare Treapta I)	set	1					
2.2	Local Data Acquisition and Control Equipment for PS-2 (Stația de Pompare Treapta II)	set	1					
2.3	Local Data Acquisition and Control Equipment for WTP (Stația de tartare)	set	1					
2.4	Local Data Acquisition and Control Equipment for BPS-1 (str. Nicolae lorga)	set	1					
2.5	Local Data Acquisition and Control Equipment for BPS-2 (str. Romană 26)	set	1					
2.6	Local Data Acquisition and Control Equipment for BPS-3 (str. Romană 66)	set	1					
2.7	Local Data Acquisition and Control Equipment for BPS-4 (str. Națională 33)	set	1					
2.8	Local Data Acquisition and Control Equipment for BPS-5 (str. Romană 112)	set	1					
2.9	Local Data Acquisition and Control Equipment for BPS-6 (str. Ungureanu 9)	set	1					
2.10	Local Data Acquisition and Control Equipment for BPS-7 (str. Cristiuc 11)	set	1					
2.11	Local Data Acquisition and Control Equipment for BPS-8 (str. Boico 5-7)	set	1					
2.12	Local Data Acquisition and Control Equipment for BPS-9 (str. Porumbescu 3)	set	1					
2.13	Local Data Acquisition and Control Equipment for WWPS-1 (SPAU-1) – (str. Tereza Sobolevschi)	set	1					
2.14	Local Data Acquisition and Control Equipment for WWPS-2 (SPAU-2) – (str. Cetireni)	set	1					

2.15	Local Data Acquisition and Control Equipment for	set	1		
2.16	WWPS-3 (SPAU-3) – (str. Ion Neculce) Local Data Acquisition and Control Equipment for	set	1		
	WWPS-4 (str. Ungureanu 15)	361	1		
3.	MANDATORY SPARE PARTS		Γ		
3.1	PLC + DI + AI (Programmable logic controller + digital input module + analogic input module	set	1		
3.2	Pressure transmitter	pcs	2		
	SCHEDULE NO.2 - INSTALLATIO	ON AND O	OTHER SERVIC	ES	
Item No	Minimum requirements	Unit	Quantity	Unit price, USD (VAT 0%)	Total price (VAT 0%)
1.	CENTRAL DISPATCH AND CONTROL OF	FICE (DCC)		
1.1	Detailed design of SCADA system to central DCO	Lump Sum	-		
1.2	Detailed design of SCADA system at facilities	Lump Sum	-		
	Installation and development of SCADA Server		-		
1.3	software applications according to beneficiary	Lump			
	requirements	Sum			
1.4	Installation of SCADA Server Equipment to Central DCO	Lump Sum	-		
	Installation of SCADA software for Operator	Lump	_		
1.5	according to beneficiary requirements	Sum			
2.	ST	ATIONS			
2.1	Local Data Acquisition and Control Equipment for	Lump	-		
2.1	PS-1 (Stația de Pompare Treapta I)	Sum			
2.2	Local Data Acquisition and Control Equipment for	Lump	-		
2.2	PS-2 (Stația de Pompare Treapta II)	Sum			
2.3	Local Data Acquisition and Control Equipment for	Lump	-		
	WTP (Stația de tartare)	Sum			
2.4	Local Data Acquisition and Control Equipment for	Lump	-		
	BPS-1 (Nicolae lorga) Local Data Acquisition and Control Equipment for	Sum			
2.5	BPS-2 (Romană 26)	Lump Sum	-		
2.6	Local Data Acquisition and Control Equipment for BPS-3 (Romană 66)	Lump Sum	-		
	Local Data Acquisition and Control Equipment for	Lump	-		
2.7	BPS-4 (Națională 33)	Sum			
2.0	Local Data Acquisition and Control Equipment for	Lump	-		
2.8	BPS-5 (Romană 112)	Sum			
2.9	Local Data Acquisition and Control Equipment for	Lump	-		
2.5	BPS-6 (Ungureanu 9)	Sum			
2.10	Local Data Acquisition and Control Equipment for	Lump	-		
	BPS-7 (Cristiuc 11)	Sum			
2.11	Local Data Acquisition and Control Equipment for	Lump	-		
	BPS-8 (Boico 5-7) Local Data Acquisition and Control Equipment for	Sum			
2.12	BPS-9 (Porumbescu 3)	Lump Sum	-		
	Local Data Acquisition and Control Equipment for	Lump	-		
2.13	WWPS-1 (SPAU-1) – (Tereza Sobolevschi)	Sum			
	Local Data Acquisition and Control Equipment for	Lump	-		
2.14	WWPS-2 (SPAU-2) – (Cetireni)	Sum			
2.15	Local Data Acquisition and Control Equipment for	Lump	-		
2.15	WWPS-3 (SPAU-3) – (Ion Neculce)	Sum			
2.16	Local Data Acquisition and Control Equipment for WWPS-4 – (Ungureanu 15)	Lump Sum	-		
3.		AINING	I	I	
Э.					

3.1	Training	Lump Sum	-			
				Total Price		
	Transportation Price					
Insurance Price						
	Installation Price					
Training Price						
			Other	Charges (specify)		
		Te	otal Final and A	All-inclusive Price		

I, the undersigned, certify that I am duly authorized by Click or tap here to enter text. to sign this bid and bind Click or tap here to enter text.should Click or tap here to enter text.accept this bid:

Name	:
Title	:
Date	:
Signature	: