



REQUEST FOR QUOTATION (RFQ)

RFQ Reference: 722-2021-UNDP-UKR-RFQ-RPP	Date: 18 October 2021
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SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the provision of procurement of TECHNOLOGICAL EQUIPMENT FOR RESEARCH AND ENVIRONMENTAL CONDITION as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3: Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature: 

Name: **Ms. Agnes Kochan**

Title: **UNDP Ukraine Operations Manager**

Date: **18-Oct-2021**

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SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p>
Deadline for the Submission of Quotation	For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.
Method of Submission	<p>Quotations must be submitted as follows:</p> <p><input checked="" type="checkbox"/> E-tendering</p> <p><input type="checkbox"/> Dedicated Email Address</p> <p><input type="checkbox"/> Courier / Hand delivery</p> <p><input type="checkbox"/> Other Click or tap here to enter text.</p> <p>[For eTendering method, click the link https://etendering.partneragencies.org and insert Event ID information]</p> <ul style="list-style-type: none"> Business Unit Code: UKR10 and Event ID: RFQ722 <p>Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/</p>
Cost of preparation of quotation	UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.
Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an_dinvestigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders

	<p>shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p>Select the applicable GTC:</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions for Contract.</p> <p><input type="checkbox"/> General Terms and Conditions for de minimis contracts (services only, less than \$50,000)</p> <p><input type="checkbox"/> General Terms and Conditions for Works</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days.</p> <p><input checked="" type="checkbox"/> Others: Liquidated damages: up to 0.1% of total contract amount per each day of delay may be applied on discretion of UNDP</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Currency of Quotation	<p>Quotations shall be quoted in</p> <p><input checked="" type="checkbox"/> United States Dollars</p> <p><input type="checkbox"/> Euro</p> <p><input checked="" type="checkbox"/> Local Currency: UAH</p>
Joint Venture, Consortium or Association	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <p>a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</p> <p>b) they have the same legal representative for purposes of this RFQ; or</p>

	<p>c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process;</p> <p>d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or</p> <p>e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</p>
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <p><input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes</p>
Language of quotation	<p><input checked="" type="checkbox"/> English (preferred), and/or <input checked="" type="checkbox"/> Ukrainian, and/or <input checked="" type="checkbox"/> Russian</p> <p>In case of submission in Ukrainian or Russian languages, bidders may be requested for provision of English translation of separate parts of the bid or bid as a whole.</p> <p>All the documentation including catalogues, instructions and operating manuals should be in Ukrainian (and additionally in English/Russian if available)</p>
Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <p><input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed;</p> <p><input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 ;</p> <p><input checked="" type="checkbox"/> A copy of the certificate/extract from the Unified State Register of Legal Entities and Private Entrepreneurs.</p> <p><input checked="" type="checkbox"/> Extract from the Register of VAT payers or single tax payers (not mandatory on submission stage but will be required if Offeror is selected for contract award).</p> <p><input checked="" type="checkbox"/> Company Profile;</p> <p><input checked="" type="checkbox"/> At least 2 positive recommendation letters from previous customers/clients.</p> <p><input checked="" type="checkbox"/> Manufacturer's Authorization of the Company as a Sales Agent (if Supplier is not the manufacturer) – will be an advantage.</p>
Quotation validity period	<p>Quotations shall remain valid for 60 days days from the deadline for the Submission of Quotation.</p>
Price variation	<p>No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.</p>
Partial Quotes	<p><input checked="" type="checkbox"/> Not permitted</p> <p><input type="checkbox"/> Permitted</p>
Alternative Quotes	<p><input checked="" type="checkbox"/> Not permitted</p> <p><input type="checkbox"/> Permitted</p> <p>If permitted, an alternative quote may be submitted only if a conforming quote to the RFQ requirements is submitted. Where the conditions for its acceptance are met, or justifications are clearly established, Click or tap here to enter text. reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as "Main Quote" and "Alternative Quote"</p>
Payment Terms	<p><input checked="" type="checkbox"/> 100% within 30 days after receipt of goods, works and/or services and submission of payment documentation.</p> <p><input type="checkbox"/> Other</p>
Conditions for Release of Payment	<p><input type="checkbox"/> Passing Inspection [specify method, if possible] Complete Installation</p> <p><input type="checkbox"/> Passing all Testing [specify standard, if possible]</p>

	<input type="checkbox"/> Completion of Training on Operation and Maintenance [specify no. of trainees, and location of training, if possible] <input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements. Payment for completed services shall be made through bank transfer to the Contractor's account during 30 (thirty) days from the date of receipt of the original invoice and registered VAT certificate. <input type="checkbox"/> Others [pls. specify]
Contact Person for correspondence, notifications and clarifications	Procurement Unit, UNDP Ukraine E-mail address: <i>procurement.rpp.ua@undp.org</i> Attention: Quotations shall not be submitted to this address. Otherwise, offer shall be disqualified. Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
Clarifications	Requests for clarification from bidders will not be accepted any later than 4 days before the submission deadline. Responses to requests for clarification will be communicated via email procurement.rpp.ua@undp.org by Procurement Unit, UNDP Ukraine by 27 October 2021
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer <input type="checkbox"/> Other Click or tap here to enter text.
Evaluation criteria	Applicable for each Lot. <u>Administrative Requirements:</u> <input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1; <input checked="" type="checkbox"/> Full acceptance of the Contract General Terms and Conditions; <input checked="" type="checkbox"/> Offers must be submitted within the stipulated deadline; <input checked="" type="checkbox"/> Offers must meet required Offer Validity; <input checked="" type="checkbox"/> Offers have been signed by the authorized representative; <input checked="" type="checkbox"/> Offers include requested company/organization documentation as mentioned above in "Documents to be submitted" section; <input checked="" type="checkbox"/> Officially registered company (for Ukrainian companies – company should be registered in the territory controlled by the government of Ukraine). <u>Technical Requirements:</u> <input checked="" type="checkbox"/> Technical responsiveness to stipulated requirements in specification. <input checked="" type="checkbox"/> At least 2 years of experience in the field of supply of similar products. <input checked="" type="checkbox"/> At least 2 positive reference/recommendation letters from previous clients. <input checked="" type="checkbox"/> The warranty period for all equipment must be not less than 12 (twelve) months. <input checked="" type="checkbox"/> All equipment must have official warranty service in Ukraine. <input checked="" type="checkbox"/> Delivery must be carried out during 80 days from the contract signing date.
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	<input type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> <u>Contract Face Sheet</u> (Goods and/or Services) (this template is also utilised for Long-Term Agreement) and if an LTA will be signed, specify the document that will trigger the call-off. E.g., PO, etc.) <input type="checkbox"/> Contract for Works <input type="checkbox"/> Other Type/s of Contract [pls. specify]

Expected date for contract award	22 November 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.

ANNEX 1: SCHEDULE OF REQUIREMENTS

SPECIFICATION

TECHNOLOGICAL EQUIPMENT FOR RESEARCH AND ENVIRONMENTAL CONDITION

1. Background information

The ongoing conflict in eastern Ukraine has had a direct and highly negative impact on social cohesion, resilience, livelihoods, community security, and the rule of law. Recognizing the need to urgently address reconstruction, economic recovery and peacebuilding needs in areas affected both directly and indirectly by the conflict, in late 2014 the government of Ukraine requested technical assistance and financial support from the international community to assess priority recovery needs. In late 2014, the United Nations, the World Bank and the European Union conducted a Recovery and Peacebuilding Assessment, which was endorsed by the Cabinet of Ministers in mid-2015.

UNDP has been active and present in eastern Ukraine for the past decade, prior to the conflict, with a focus on community development, civil society development, and environmental protection. Work on addressing the specific conflict-related development challenges discussed above built on this earlier engagement and established partnerships and started in 2015 through the United Nations Recovery and Peacebuilding Programme or UNRPP. The UNRPP is a multi-donor funded framework programme formulated and led by the United Nations Development Programme (UNDP) in collaboration with the government of Ukraine and in cooperation with partnering UN agencies (UN Women, FAO, and UNFPA).

The UNRPP was designed to respond to and mitigate the causes and effects of the conflict. It is based on findings of the Recovery and Peacebuilding Assessment (RPA) and is aligned to the State Target Programme for Recovery, as well as to the two oblast development strategies up to 2020. The RPP involves three pillars for action: 1) restoration of infrastructure and economic recovery; 2) support to local governance and related capacity building; and 3) social resilience and peacebuilding. It is an integral component of the UNDP Country Programme and is therefore fully aligned with the United Nations Partnership Framework (UNPF). It is closely interlinked with the Democratic Governance and Reform Programme, operating nationally and in all of Ukraine's regions, and is consistent with the SDGs, in particular SDG 16 (Peace, Justice and Strong institutions).

As an area-based programme specifically developed for the conflict-affected areas of eastern Ukraine, the RPP addresses the key stabilization, peacebuilding, economic and governance priority needs in eastern Ukraine following the start of the conflict. It takes into account the opportunities that have arisen from the Minsk Protocol of September 2014 and the renewal of its cease-fire provisions (the latest cease-fire having been agreed in March 2018) and is also fully adjusted to the humanitarian-development nexus.

The Programme's interventions are grouped under the following key Programme components, which reflect the region's priority needs:

Component 1: Economic Recovery and Restoration of Critical Infrastructure

Component 2: Local Governance and Decentralization Reform

Component 3: Community Security and Social Cohesion (CSSC).

The Program is supported by twelve international partners: the European Union (EU), the European Investment Bank (EIB), the USA Embassy in Ukraine, as well as the governments of Denmark, Canada, the Netherlands, Germany, Norway, Poland, Switzerland, Sweden and Japan.

In October 2018, four UN agencies (UNDP, UN Women, FAO and the UNFPA) countersigned a new joint project document, funded by the EU. The overall objective of the project is to restore effective governance and promote reconciliation in the crisis-affected communities of Donetsk and Luhansk regions of Ukraine, thereby enhancing the credibility and legitimacy of local governments in the government-controlled areas (GCAs) of the regions. It will contribute to peace build and prevent the further escalation of conflict in Ukraine through effective and

accountable decentralization, gender-responsive recovery planning, and equal access to services, as well as enhanced community security and social cohesion.

This endeavor will be achieved through the pursuit of the following specific objectives:

1. To enhance local capacity for gender-responsive decentralization and administrative reforms to improve governance, local development and the delivery of services.
2. To stimulate employment and economic growth by providing assistance for Micro, Small and Medium Enterprise (MSME) development through demand-driven business development services and professional skills training.
3. To enhance social cohesion and reconciliation through promotion of civic initiatives.
4. To support sector reforms and structural adjustments in health, education and critical public infrastructure to mitigate direct impacts of the conflict and enhance the capacity of governmental authorities for national coordination of actions to cope with emergencies arising from the conflict zone.
5. To support the implementation of the European Investment Bank's Early Recovery Programme.

One of the priority areas of work is to promote a cleaner environment in the conflict-affected areas through successful decentralized and participatory environmental protection.

The environmental situation in Donetsk and Luhansk oblasts is in a critical state. The presence of combined forces in the area of operation and the pressure of economic conditions without proper environmental control, and the effects of industrial production begin to have a deleterious effect on the environmental situation. Ecology departments will use this equipment to supplement the existing laboratories performing analytical studies of the state of the environment. This equipment will allow a higher quality level of functioning of the system of monitoring, assessment, and forecasting of the state of ecological systems, their elements, the nature of the influence of natural and anthropogenic factors on them.

2. Scope of work

Acquisition of technological equipment by the Contractor in accordance with the technical documentation contained in Table 1.

Delivery of technological equipment to the following settlements:

1. Department of ecology and natural resources of the Donetsk oblast state administration (Kramatorsk, (Bohdana Khmelnytskoho St., 6)
2. Department of communal property, land, property relations, ecology and natural resources of the Luhansk oblast state administration (Severodonetsk, (54,B Tsentralny Ave.))

3. Technical specification

3.1 Technical requirements and specifications for the supply of process equipment

Table 1

	Complete set. The characteristics should not be lower than those listed in the task	Quantity within purchase
1	Laboratory equipment	2
1.1	<p><u>Laboratory three-channel device for measuring pH / ORP / PEP / dissolved oxygen / BSC and temperature.</u></p> <p>1. General characteristics PH / ORP / PEP / dissolved oxygen / BSC and temperature measuring device 1 set</p> <p>2. Technical characteristics PH measuring range -2,000... 20,000 Discreteness of pH 0,001 / 0,01 / 0,1 Measuring range mV -2000.0... 2000.0 Discreteness mV 0.1 / 1 The range of ion concentration measurement is 0... 999999 mg / l, ppm 0... 100 mol / l 0... 100000 mmol / l -2... 20 pH PEP measurement range 0.001... 999999 µS / cm 0.001... 2000 mSm / cm 0.001... 200 cm / m</p>	2

0.001... 200000 mSm / m 0.1... 999999 μ S / m The discreteness of PEP measurement is 0.001... 1 μ S / cm 0.001... 1 mSm / cm 0.0001... 1 cm / m 0.0001... 1 mSm / m 0.001... 1 μ Sm / m Measuring range TDS 0.001... 1000g / L, ppt 0.001... 999999 mg / l, ppm Discreteness of TDS measurement 0.001... 1 g / L, ppt 0.001... 1 mg / l, ppm Salinity measurement range 0.01... 80 psu, ppt Discreteness of salinity measurements 0.01... 0.1 psu, ppt The resistance measurement range is 0.01... 100.0 MO \cdot cm 0.01... 999999 M Ω \cdot cm Resistance of resistance measurement 0.0001... 1 MO \cdot cm 0.01... 1 Ohm \cdot cm Ash measurement range 0.000... 2022% Discreteness of ash content measurement 0.001... 1 Dissolved oxygen measurement range: optical sensor 0.000... 50 mg / L (ppm) polarographic sensor 0.000... 99 mg / L (ppm) Saturated oxygen measurement range 0... 500% Pressure measuring range 500... 1100 mbar Manual temperature registration (MTC) -30.0... 130.0 $^{\circ}$ C Automatic temperature registration (ATC) -5.0... 130.0 $^{\circ}$ C Discreteness of temperature measurement 0.1 $^{\circ}$ C Calibration points pH 5 UEP calibration points 1 Calibration points of the LCD 2 The number of installed buffer groups 8 Number of buffer groups per user 20 Number of established calibration standards 13 Number of calibration standards for the user 20 Enter a cell constant manually Automatic recognition of buffer solutions Isopotential pH point 7.00 Calibration reminder user-defined End point format selection For the timer Serial measurements from a user-specified time interval Choice of stability criterion: Fast Standard Severe Choice of standard temperature 20 / 25 $^{\circ}$ C Choice of temperature compensation: Linear Nonlinear Disabled Clean water Support for direct measurements and methods - 19 pre-installed and 50 custom methods - Measurement series up to 9 samples - User Identification (ID), Sample, Electrode (Name, Serial Number) Automatic ID entry using the keyboard or barcode scanner Support for ISM technology for sensor type recognition, serial number, calibration data storage Support for 13 languages, including Russian and Ukrainian Protect PIN settings: Presence	2
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	<p>Operating modes: Expert / Standard Creating custom: Presence measurement limits Print formats: short, standard, GLP Memory for 20,000 data points, 250 analysis Export data to a USB card RS232 printing, USB, network printer. 2 time formats, 4 date formats Possibility of connection of the automatic feeder to 300 samples - Digital output Mini-LTW Interfaces for RS232, USB-A, USB-B, LAN communication Mini-Din connector for connection to a stirrer controlled from the device - Display Touch TFT 7 Inch 3. Staff training, warranty, service Warranty period, not less than 12 months Certified Service in Ukraine Unlimited personal technical support by phone / email during the warranty period - Availability 4. Delivery set Meter with 3 modules - pH / ORP / Ion, UEP and LCD 1 pc. Protective cover 1 pc. Universal combined pH electrode ("three in one": measuring electrode, reference electrode and temperature sensor in one housing) with polymer unbreakable housing, with non-removable cable 1 pc. The conductometric sensor (4 graphite contacts in the epoxy case, the built-in temperature sensor), is automatically recognized by the device, the range of application is 0,01 ... 1000 mSm / cm, the cast cable of 1 piece. Optical sensor of dissolved oxygen InLab® OptiOx 1 pc. Combined ion-selective electrode on NO3 PerfectION, for ionomer. 1 pc. Combined ionselective electrode on Na PerfectION for ionomer 1 pc. Combined ion-selective electrode on K PerfectION, for ionomer 1 pc. Support for an electrode of 1 piece. Power adapter from the network 220 V 1 pc. Operation manual in Russian/Ukrainian 1 copy. A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied. 1 copy</p>	
1.2	<p><u>Automatic universal titrator</u> № p / p Technical characteristics Requirement of the technical task 1. General characteristics Automatic titrator G20S of the Titration Compact series. 1 pc. 2. Technical characteristics Measurement range: - pH - mass fraction of substances in the sample according to the PES 8194-2002,% from 0 to 14 from 0.0001 to 100.0000 The range of EMF readings of the electrode system, mV from -2000 to +2000 Temperature range, °C from -20 to +130 Limits of relative error of titration,% $\pm 3,0$ The limit of the allowable relative RMS of the random component of the error,% 1.5 The limit of the allowable absolute error of the titrator when measuring pH ± 0.04 Burette capacity, cm³ 1,5,10,20 Dosage discreteness 1/20000 3. Construction The burette drive is integrated into the titrator housing Possibility to connect an additional dosing module. availability The titration stand is mounted directly on the titrator housing Upper drive mixer 5.7-inch fully color graphics touchscreen display, WVGA 640 x 480 pixels 4. Built-in functions Menu in Russian/Ukrainian. 10 (ten) installed user languages to work availability</p>	2

	<p>Ability to start titration / control devices by pressing ONE availability button</p> <p>Ability to save at least 100 user methods</p> <p>Ability to customize at least 12 shortcuts on the desktop display for quick launch methods and operations availability</p> <p>The number of functions in the method is not less than 12</p> <p>The number of formulas stored in the method for calculating the results is not less than 3</p> <p>Number of auxiliary values for calculations not less than 3</p> <p>The number of empty values for calculations is not less than 3</p> <p>Three modes of control of the titrator at the connected external software: from the terminal, from the computer, parallel management from the terminal and from the computer presence</p> <p>The function of automatic recognition of the connected laboratory scales, the printer, the personal computer without reboot</p> <p>Ability to connect laboratory scales</p> <p>5. System integration, data integrity, data transfer</p> <p>Compliance with GOST / ISO IEC 17025-2019 using LabX software availability</p> <p>Full integration into SAP / LIMS systems using LabX software availability</p> <p>Automatic storage of laboratory metadata online without the possibility of deletion in a secure database with the ability to quickly search using LabX software availability</p> <p>Number of users with individual desktop 30</p> <p>Export data to the server without using external software in the formats: .xml, .csv, .pdf availability</p> <p>Export data (results, settings, tests, methods) to a USB card in the following formats: .xml, .csv, .pdf availability</p> <p>Print results on a USB printer check-print, network printer availability</p> <p>6. Dimensions</p> <p>External dimensions no more than 210 mm 333 x 320</p> <p>Weight not more, kg 4.2</p> <p>7. Documentation</p> <p>Operation manual in Russian/Ukrainian</p> <p>A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied. availability</p> <p>8. Service</p> <p>Warranty period, not less than 12 months</p> <p>Unlimited personal technical support by phone / email during the warranty period availability</p> <p>Availability of certified Service center in Ukraine</p> <p>9. Delivery set</p> <p>The titrator complete with the stand for titration and the top-drive mixer of 1 piece.</p> <p>Combined glass pH electrode with diaphragm-section for titration in aqueous medium 1 pc.</p> <p>Combined electrode with a silver ring for argentometry 1 pc.</p> <p>Phototrod. Sensor for titration with color transition and turbidimetric titration; Five wavelengths (manual switching): 520, 555, 590, 620 and 660 nm. Types of analysis: complexometry, turbidimetry, acidimetry, two-phase titration of surfactants, etc. 1 pc.</p> <p>Burette 20ml 2 pcs.</p> <p>Burette 10ml 1 pc.</p> <p>Cups for titration of 100 ml, polypropylene, a set of 120 pieces. 1 set</p> <p>Absorption tube 4 pcs.</p> <p>The holder of an absorbing tube of 4 pieces.</p> <p>Packing of molecular sieves, 250 g. 1 piece.</p> <p>Washing device assembly 1 pc.</p>	
1.3	<p><u>Spectrophotometer SF-Known range</u></p> <p>№ p / p</p> <p>Technical characteristics Requirement of the technical task</p> <p>1. General characteristics</p> <p>UV-Visible Spectrophotometer 1 set</p> <p>2. Technical characteristics</p>	2

<p>2.1 Measuring unit:</p> <p>2.1.1 Radiation source pulsed xenon lamp, resource not less than 1 billion flashes</p> <p>2.1.2 The measuring system is single-beam</p> <p>2.1.3 Detector type 2048-element linear silicon matrix</p> <p>2.1.4. Spectral range Not worse than 190-1100 nm</p> <p>2.1.5 Minimum full spectrum scan time not more than 1 s</p> <p>2.1.6 Open cuvette compartment availability</p> <p>2.1.7 Accuracy of wavelength setting not more than ± 1.0 nm (holmium oxide)</p> <p>2.1.8 The discreteness of the wavelength setting is not more than ± 0.01 nm</p> <p>2.1.9 The reproducibility of the wavelength installation is not more than ± 0.15 nm</p> <p>2.1.10 Photometric range not less than ± 5 A</p> <p>2.1.11 Photometric accuracy not more than $\pm 0,01$ A (potassium dichromate)</p> <p>2.1.12 Photometric reproducibility not more than ± 0.005 A (potassium dichromate)</p> <p>2.1.13 Spectral resolution (toluene in hexane) not less than 1.5</p> <p>2.1.14 The level of scattered radiation is not more than 0.1% (NaI)</p> <p>not more than 0,05% (NaNO₂)</p> <p>2.1.15 Photometric measurement mode measurement of transmission or absorption spectra of samples at one or more (not less than 4) selected wavelengths</p> <p>2.1.16 Spectral measurement mode measurement of transmission or absorption spectra in a given range with the possibility of further processing (determination of the position of highs and lows, etc.)</p> <p>2.1.17 Quantitative concentration calculation based on calibration curve using standard samples with known concentration</p> <p>2.1.18 Color measurement mode (transmission) calculation of color numbers on scales: CIELAB, CIELUV, APHA, Pt / Co, Hazen, Saybolt, Gardner, EBC, ASBC, Hess-Ives</p> <p>2.1.19 Direct measurements possibility of flexible adjustment of parameters for all modes of measurements and saving of the quick start button on the display</p> <p>2.1.20 Possibility of connection of a flowing cell for automatic giving of a sample presence, by means of the pump</p> <p>2.1.21 Ability to measure solid samples, films availability</p> <p>2.1.22 Ability to work with cuvettes with optical path from 10 mm, 20 mm, 30 mm, 40 mm, 50 mm availability</p> <p>2.1.23 Connection of the automatic feeder on 8 cuvettes with a possibility of thermostating 10-80oC presence</p> <p>2.1.24 Possibility to connect Peltier-thermostatic holder cuvette 10 mm</p> <p>2.1.25 Possibility to log in by fingerprint availability</p> <p>2.1.26 Ability to connect an automated module with certified standards to verify performance</p> <p>2.1.27 Software for PC spectrophotometer control, results processing, LIMS integration availability</p> <p>2.1.28 Interfaces built into the main unit interfaces Ethernet, RS-232, USB-A, USB-B, Mini-Din</p> <p>2.1.29 Housing material opaque polymeric material resistant to benzene, toluene, diethyl ether, formic acid, formaldehyde, nitrobenzene</p> <p>2.1.30 Overall dimensions (WxDxH), mm not more than 208x255x228</p> <p>2.1.31 Input voltage, frequency, power 100-240V, 50-60Hz</p> <p>2.1.32 Weight, kg not more than 6.4</p> <p>2.2 Control unit:</p> <p>2.2.1 Color touch TFT terminal availability</p> <p>2.2.2 Control of all functions of the spectrophotometer from the LCD display of the terminal availability</p> <p>2.2.3 The size of the terminal display is at least 7 inches</p> <p>2.2.4 The resolution of the terminal display is not less than 800x480 pixels</p> <p>2.2.5 Launch methods and operations at the touch of a key</p> <p>2.2.6 Shortcuts to quickly start methods and operations at least 12</p> <p>2.2.6 User interface languages at least 10 languages, including Russian</p> <p>2.2.8 Number of users with configured access levels not less than 30, not less than 3 access levels</p> <p>2.2.9 Number of user methods not less than 20 user methods</p>	
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2.2.10 Storage of results not less than 20 2.2.11 Sound indication of the end of the analysis 2.2.12 Export of data and methods to a USB-card from the terminal in PDF, CSV, XML format 2.2.13 Automatic color indication of readiness of the spectrophotometer to work on the control terminal working on the principle of a traffic light (green, yellow, red) presence 2.2.14 Control modes only from the terminal, only from the PC, simultaneous control from the terminal and from the computer 3. Warranty obligations, service 3.1 Warranty period Not less than 12 months 3.2 Unlimited personal technical support from the manufacturer's representative by phone / email during the warranty period availability 3.3 Availability of certified Service center in Ukraine 4. Delivery set 4.1 Spectrophotometer complete with cuvette holder for cuvette 10mm 1pc 4.2 Cuvette holder for cuvette 10-50 mm 1pc 4.3 Fastening for the cuvette holder of 1 piece 4.4 Instructions for installation, operation in Russian/Ukrainian - Availability 4.5 A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied. 4.6 Ditch quartz 10mm 10 pcs	
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3.2 Delivery of equipment and software shall be made within 80 days of the date of signing the contract.

3.3 The Supplier is obliged to ensure the supply of equipment and software in accordance with Table 1 to the Terms of Reference.

3.4 All equipment to be delivered must have warranty cards. All necessary technical documentation must be provided by the supplier on the day of delivery. The warranty period for the entire list of equipment must be at least 1 year.

3.5 Equipment must be delivered in accordance with the UNDP agreed specification.

3.6 Required delivery and unloading of equipment.

3.7 The factory packaging of the equipment manufacturers, instructions for its use and warranty cards for each unit of equipment must be handed over to the recipients of the equipment in accordance with the delivery addresses.

3.8 Delivery will be supervised by a UNDP representative.

3.9 The supplier must have at least three years experience in supplying such equipment.

4. Price offer and payment schedule

- The contract price should remain fixed for the duration of the contract.
- Bidders must include all costs related to the performance of the works in their quotation (delivery of all materials and equipment, transport costs, unloading at the delivery site, etc.)
- Payments should be made as follows:
 - 100% payment of the total contract amount will be made by UNDP within thirty (30) calendar days from the date of acceptance of the equipment by UNDP at the address – Ukraine:
 - Department of ecology and natural resources of the Donetsk oblast state administration (Kramatorsk, (Bohdana Khmelnytskoho St., 6)
 - Department of communal property, land, property relations, ecology and natural resources of the Luhansk oblast state administration (Severodonetsk, (54,B Tsentralny Ave.)) 6 and submission of the original invoice, acceptance certificate, and tax invoice (if any).

Considering that the purchase of services will be carried out within the framework of the international technical assistance project, quotations/invoices for payment should be submitted without VAT.

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall deliver the goods within 80 (eighty) calendar days upon Contract signing.
Delivery Terms (INCOTERMS 2020)	DDP
Customs clearance (must be linked to INCOTERM)	<input type="checkbox"/> Not applicable Shall be done by: <input type="checkbox"/> Name of organisation (where applicable) <input checked="" type="checkbox"/> Supplier/bidder <input type="checkbox"/> Freight Forwarder
Exact Address(es) of Delivery Location(s)	1.Department of ecology and natural resources of the Donetsk oblast state administration (Kramatorsk, (Bohdana Khmelnytskoho St., 6) 2.Department of communal property, land, property relations, ecology and natural resources of the Luhansk oblast state administration (Severodonetsk, (54,B Tsentralny Ave.))
Distribution of shipping documents (if using freight forwarder)	N/A
Packing Requirements	Packaging must comply with the rules for the safe transport of goods offered.
Training on Operations and Maintenance	<input checked="" type="checkbox"/> All necessary technical documentation is to be provided in Ukrainian or Russian and English languages by the supplier on the day of delivery. The supplied equipment should be confirmed by quality certificates (if applicable)
Warranty Period	<input checked="" type="checkbox"/> The warranty period for all equipment must be not less than 12 (twelve) months. <input checked="" type="checkbox"/> Delivery of equipment/goods should be accompanied by manufacturer's warranty certificates
After-sales service and local service support requirements	<input checked="" type="checkbox"/> All equipment must have official warranty service in Ukraine
Preferred Mode of Transport	Land

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	722-2021-UNDP-UKR-RFQ-RPP	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of Bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
VAT payer status	Click or tap here to enter text.
Contract person name	Click or tap here to enter text.
Contact person email	Click or tap here to enter text.
Contact person phone	Click or tap here to enter text.
Company's core activities	Click or tap here to enter text.
Profile – describing the nature of business, field of expertise.	Click or tap here to enter text.
Business Licenses – Registration Papers, Extract from the Register of VAT payers or single tax payers, etc.	EDRPOU, ID tax number. Copies of State registration and Extract from the Register of VAT payers or single tax payers should be attached
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its	<input type="checkbox"/> Yes <input type="checkbox"/> No

Environmental Policy? <i>(If yes, provide a Copy)</i>				
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues <i>(If yes, provide a Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Is your company a member of the UN Global Compact	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.			
References	At least two recommendation letters from previous clients/customers.			
Previous relevant experience				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value	Period of activity	Types of activities undertaken

Bidder's Declaration

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Requirements and Terms and Conditions: I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	Ethics: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct : https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	Conflict of interest: I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict

Yes	No	
		of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	Prohibitions, Sanctions: I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER – GOODS

Bidders are requested to complete this form, sign it and return it as part of their quotation along with Annex 2 Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	722-2021-UNDP-UKR-RFQ-RPP	Date: Click or tap to enter a date.

Table 1 Conformity to the Specification (Technical requirements and specifications for the supply of process equipment)

#	Technical requirements (Features at least)	Conformity (Yes/No)	Offered Brand, Model and Exact characteristics (Technical characteristics should not be less/worse than those listed in the assignment)
1.	<p><u>Laboratory three-channel device for measuring pH / ORP / PEP / dissolved oxygen / BSC and temperature.</u></p> <p>1. General characteristics PH / ORP / PEP / dissolved oxygen / BSC and temperature measuring device 1 set</p> <p>2. Technical characteristics PH measuring range -2,000... 20,000 Discreteness of pH 0,001 / 0,01 / 0,1 Measuring range mV -2000.0... 2000.0 Discreteness mV 0.1 / 1 The range of ion concentration measurement is 0... 999999 mg / l, ppm 0... 100 mol / l 0... 100000 mmol / l -2... 20 pH PEP measurement range 0.001... 999999 µS / cm 0.001... 2000 mSm / cm 0.001... 200 cm / m 0.001... 200000 mSm / m 0.1... 999999 µS / m The discreteness of PEP measurement is 0.001... 1 µS / cm 0.001... 1 mSm / cm 0.0001... 1 cm / m 0.0001... 1 mSm / m 0.001... 1 µSm / m Measuring range TDS 0.001... 1000g / L, ppt 0.001... 999999 mg / l, ppm Discreteness of TDS measurement 0.001... 1 g / L, ppt 0.001... 1 mg / l, ppm Salinity measurement range 0.01... 80 psu, ppt Discreteness of salinity measurements 0.01... 0.1 psu, ppt The resistance measurement range is 0.01... 100.0 MO · cm 0.01... 999999 Mm · cm Resistance of resistance measurement 0.0001... 1 MO · cm 0.01... 1 Ohm · cm Ash measurement range 0.000... 2022% Discreteness of ash content measurement 0.001... 1 Dissolved oxygen measurement range: optical sensor 0.000... 50 mg / L (ppm) polarographic sensor 0.000... 99 mg / L (ppm)</p>		

<p> Saturated oxygen measurement range 0... 500% Pressure measuring range 500... 1100 mbar Manual temperature registration (MTC) -30.0... 130.0 °C Automatic temperature registration (ATC) -5.0... 130.0 °C Discreteness of temperature measurement 0.1 °C Calibration points pH 5 UEP calibration points 1 Calibration points of the LCD 2 The number of installed buffer groups 8 Number of buffer groups per user 20 Number of established calibration standards 13 Number of calibration standards for the user 20 Enter a cell constant manually Automatic recognition of buffer solutions Isopotential pH point 7.00 Calibration reminder user-defined End point format selection For the timer Serial measurements from a user-specified time interval Choice of stability criterion: Fast Standard Severe Choice of standard temperature 20 / 25°C Choice of temperature compensation: Linear Nonlinear Disabled Clean water Support for direct measurements and methods - 19 pre-installed and 50 custom methods - Measurement series up to 9 samples - User Identification (ID), Sample, Electrode (Name, Serial Number) Automatic ID entry using the keyboard or barcode scanner Support for ISM technology for sensor type recognition, serial number, calibration data storage Support for 13 languages, including Russian and Ukrainian Protect PIN settings: Presence Operating modes: Expert / Standard Creating custom: Presence measurement limits Print formats: short, standard, GLP Memory for 20,000 data points, 250 analysis Export data to a USB card RS232 printing, USB, network printer. 2 time formats, 4 date formats Possibility of connection of the automatic feeder to 300 samples - Digital output Mini-LTW Interfaces for RS232, USB-A, USB-B, LAN communication Mini-Din connector for connection to a stirrer controlled from the device - Display Touch TFT 7 Inch 3. Staff training, warranty, service Warranty period, not less than 12 months Certified Service in Ukraine Unlimited personal technical support by phone / email during the warranty period - Availability 4. Delivery set Meter with 3 modules - pH / ORP / Ion, UEP and LCD 1 pc. Protective cover 1 pc. Universal combined pH electrode ("three in one": measuring electrode, reference electrode and temperature sensor in </p>		
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	<p>one housing) with polymer unbreakable housing, with non-removable cable 1 pc.</p> <p>The conductometric sensor (4 graphite contacts in the epoxy case, the built-in temperature sensor), is automatically recognized by the device, the range of application is 0,01 ... 1000 mSm / cm, the cast cable of 1 piece.</p> <p>Optical sensor of dissolved oxygen InLab® OptiOx 1 pc.</p> <p>Combined ion-selective electrode on NO3 PerfectION, for ionomer. 1 pc.</p> <p>Combined ionselective electrode on Na PerfectION for ionomer 1 pc.</p> <p>Combined ion-selective electrode on K PerfectION, for ionomer 1 pc.</p> <p>Support for an electrode of 1 piece.</p> <p>Power adapter from the network 220 V 1 pc.</p> <p>Operation manual in Russian/Ukrainian 1 copy.</p> <p>A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied. 1 copy</p>		
2.	<p>Automatic universal titrator</p> <p>№ p / p Technical characteristics Requirement of the technical task</p> <p>1. General characteristics</p> <p>Automatic titrator G20S of the Titration Compact series. 1 pc.</p> <p>2. Technical characteristics</p> <p>Measurement range:</p> <ul style="list-style-type: none"> - pH - mass fraction of substances in the sample according to the PES 8194-2002,% <p>from 0 to 14</p> <p>from 0.0001 to 100.0000</p> <p>The range of EMF readings of the electrode system, mV</p> <p>from -2000 to +2000</p> <p>Temperature range, 0C from -20 to +130</p> <p>Limits of relative error of titration,% $\pm 3,0$</p> <p>The limit of the allowable relative RMS of the random component of the error,% 1.5</p> <p>The limit of the allowable absolute error of the titrator when measuring pH ± 0.04</p> <p>Burette capacity, cm3 1,5,10,20</p> <p>Dosage discreteness 1/20000</p> <p>3. Construction</p> <p>The burette drive is integrated into the titrator housing</p> <p>Possibility to connect an additional dosing module. availability</p> <p>The titration stand is mounted directly on the titrator housing</p> <p>Upper drive mixer</p> <p>5.7-inch fully color graphics touchscreen display, WVGA 640 x 480 pixels</p> <p>4. Built-in functions</p> <p>Menu in Russian/Ukrainian. 10 (ten) installed user languages to work availability</p> <p>Ability to start titration / control devices by pressing ONE availability button</p> <p>Ability to save at least 100 user methods</p> <p>Ability to customize at least 12 shortcuts on the desktop display for quick launch methods and operations availability</p> <p>The number of functions in the method is not less than 12</p> <p>The number of formulas stored in the method for calculating the results is not less than 3</p> <p>Number of auxiliary values for calculations not less than 3</p>		

	<p>The number of empty values for calculations is not less than 3</p> <p>Three modes of control of the titrator at the connected external software: from the terminal, from the computer, parallel management from the terminal and from the computer presence</p> <p>The function of automatic recognition of the connected laboratory scales, the printer, the personal computer without reboot</p> <p>Ability to connect laboratory scales</p> <p>5. System integration, data integrity, data transfer</p> <p>Compliance with GOST / ISO IEC 17025-2019 using LabX software availability</p> <p>Full integration into SAP / LIMS systems using LabX software availability</p> <p>Automatic storage of laboratory metadata online without the possibility of deletion in a secure database with the ability to quickly search using LabX software availability</p> <p>Number of users with individual desktop 30</p> <p>Export data to the server without using external software in the formats: .xml, .csv, .pdf availability</p> <p>Export data (results, settings, tests, methods) to a USB card in the following formats: .xml, .csv, .pdf availability</p> <p>Print results on a USB printer check-print, network printer availability</p> <p>6. Dimensions</p> <p>External dimensions no more than 210 mm 333 x 320</p> <p>Weight not more, kg 4.2</p> <p>7. Documentation</p> <p>Operation manual in Russian/Ukrainian</p> <p>A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied. availability</p> <p>8. Service</p> <p>Warranty period, not less than 12 months</p> <p>Unlimited personal technical support by phone / email during the warranty period availability</p> <p>Availability of certified Service center in Ukraine</p> <p>9. Delivery set</p> <p>The titrator complete with the stand for titration and the top-drive mixer of 1 piece.</p> <p>Combined glass pH electrode with diaphragm-section for titration in aqueous medium 1 pc.</p> <p>Combined electrode with a silver ring for argentometry 1 pc.</p> <p>Phototrod. Sensor for titration with color transition and turbidimetric titration; Five wavelengths (manual switching): 520, 555, 590, 620 and 660 nm. Types of analysis: complexometry, turbidimetry, acidimetry, two-phase titration of surfactants, etc. 1 pc.</p> <p>Burette 20ml 2 pcs.</p> <p>Burette 10ml 1 pc.</p> <p>Cups for titration of 100 ml, polypropylene, a set of 120 pieces. 1 set</p> <p>Absorption tube 4 pcs.</p> <p>The holder of an absorbing tube of 4 pieces.</p> <p>Packing of molecular sieves, 250 g. 1 piece.</p> <p>Washing device assembly 1 pc.</p>		
3.	<p><u>Spectrophotometer SF-Known range</u></p> <p>№ p / p</p> <p>Technical characteristics Requirement of the technical task</p> <p>1. General characteristics</p> <p>UV-Visible Spectrophotometer 1 set</p> <p>2. Technical characteristics</p>		

<p>2.1 Measuring unit:</p> <p>2.1.1 Radiation source pulsed xenon lamp, resource not less than 1 billion flashes</p> <p>2.1.2 The measuring system is single-beam</p> <p>2.1.3 Detector type 2048-element linear silicon matrix</p> <p>2.1.4. Spectral range Not worse than 190-1100 nm</p> <p>2.1.5 Minimum full spectrum scan time not more than 1 s</p> <p>2.1.6 Open cuvette compartment availability</p> <p>2.1.7 Accuracy of wavelength setting not more than ± 1.0 nm (holmium oxide)</p> <p>2.1.8 The discreteness of the wavelength setting is not more than ± 0.01 nm</p> <p>2.1.9 The reproducibility of the wavelength installation is not more than ± 0.15 nm</p> <p>2.1.10 Photometric range not less than ± 5 A</p> <p>2.1.11 Photometric accuracy not more than $\pm 0,01$ A (potassium dichromate)</p> <p>2.1.12 Photometric reproducibility not more than ± 0.005 A (potassium dichromate)</p> <p>2.1.13 Spectral resolution (toluene in hexane) not less than 1.5</p> <p>2.1.14 The level of scattered radiation is not more than 0.1% (NaI)</p> <p>not more than not more than 0,05% (NaNO₂)</p> <p>2.1.15 Photometric measurement mode measurement of transmission or absorption spectra of samples at one or more (not less than 4) selected wavelengths</p> <p>2.1.16 Spectral measurement mode measurement of transmission or absorption spectra in a given range with the possibility of further processing (determination of the position of highs and lows, etc.)</p> <p>2.1.17 Quantitative concentration calculation based on calibration curve using standard samples with known concentration</p> <p>2.1.18 Color measurement mode (transmission) calculation of color numbers on scales: CIELAB, CIELUV, APHA, Pt / Co, Hazen, Saybolt, Gardner, EBC, ASBC, Hess-Ives</p> <p>2.1.19 Direct measurements possibility of flexible adjustment of parameters for all modes of measurements and saving of the quick start button on the display</p> <p>2.1.20 Possibility of connection of a flowing cell for automatic giving of a sample presence, by means of the pump</p> <p>2.1.21 Ability to measure solid samples, films availability</p> <p>2.1.22 Ability to work with cuvettes with optical path from 10 mm, 20 mm, 30 mm, 40 mm, 50 mm availability</p> <p>2.1.23 Connection of the automatic feeder on 8 cuvettes with a possibility of thermostating 10-80oC presence</p> <p>2.1.24 Possibility to connect Peltier-thermostatic holder cuvette 10 mm</p> <p>2.1.25 Possibility to log in by fingerprint availability</p> <p>2.1.26 Ability to connect an automated module with certified standards to verify performance</p> <p>2.1.27 Software for PC spectrophotometer control, results processing, LIMS integration availability</p> <p>2.1.28 Interfaces built into the main unit interfaces Ethernet, RS-232, USB-A, USB-B, Mini-Din</p> <p>2.1.29 Housing material opaque polymeric material resistant to benzene, toluene, diethyl ether, formic acid, formaldehyde, nitrobenzene</p> <p>2.1.30 Overall dimensions (WxDxH), mm not more than 208x255x228</p> <p>2.1.31 Input voltage, frequency, power 100-240V, 50-60Hz</p>		
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	<p>2.1.32 Weight, kg not more than 6.4</p> <p>2.2 Control unit:</p> <p>2.2.1 Color touch TFT terminal availability</p> <p>2.2.2 Control of all functions of the spectrophotometer from the LCD display of the terminal availability</p> <p>2.2.3 The size of the terminal display is at least 7 inches</p> <p>2.2.4 The resolution of the terminal display is not less than 800x480 pixels</p> <p>2.2.5 Launch methods and operations at the touch of a key</p> <p>2.2.6 Shortcuts to quickly start methods and operations at least 12</p> <p>2.2.6 User interface languages at least 10 languages, including Russian</p> <p>2.2.8 Number of users with configured access levels not less than 30, not less than 3 access levels</p> <p>2.2.9 Number of user methods not less than 20 user methods</p> <p>2.2.10 Storage of results not less than 20</p> <p>2.2.11 Sound indication of the end of the analysis</p> <p>2.2.12 Export of data and methods to a USB-card from the terminal in PDF, CSV, XML format</p> <p>2.2.13 Automatic color indication of readiness of the spectrophotometer to work on the control terminal working on the principle of a traffic light (green, yellow, red) presence</p> <p>2.2.14 Control modes only from the terminal, only from the PC, simultaneous control from the terminal and from the computer</p> <p>3. Warranty obligations, service</p> <p>3.1 Warranty period Not less than 12 months</p> <p>3.2 Unlimited personal technical support from the manufacturer's representative by phone / email during the warranty period availability</p> <p>3.3 Availability of certified Service center in Ukraine</p> <p>4. Delivery set</p> <p>4.1 Spectrophotometer complete with cuvette holder for cuvette 10mm 1pc</p> <p>4.2 Cuvette holder for cuvette 10-50 mm 1pc</p> <p>4.3 Fastening for the cuvette holder of 1 piece</p> <p>4.4 Instructions for installation, operation in Russian/Ukrainian - Availability</p> <p>4.5 A copy of the Module B type-examination certificate, a copy of the Module F certificate of conformity and the original of the declaration of conformity shall be supplied.</p> <p>4.6 Ditch quartz 10mm 10 pcs</p>		
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Table 2. Financial offer for the supply of goods in accordance with the technical specification and requirements (TECHNOLOGICAL EQUIPMENT FOR RESEARCH AND ENVIRONMENTAL CONDITION)

INCOTERMS: DDP				
No	Product name and specification requirements	Q-ty (pcs)	Unit price without VAT, <i>indicate the currency</i>	Total price, without VAT, <i>indicate the currency</i>
1	Laboratory three-channel device for measuring pH / ORP / PEP / dissolved oxygen / BSC and temperature <i>Indicate Brand, Model and parameters</i>	2		
2	Automatic universal titrator <i>Indicate Brand, Model and parameters</i>	2		
3	Spectrophotometer SF-Known range <i>Indicate Brand, Model and parameters</i>	2		

	Cost of delivery (if not included in the price of the goods)			
Other Charges (specify if needed), <i>indicate the currency</i>				
Total Final and All-inclusive Price excluding VAT, <i>indicate the currency</i>				

Dear Partners!

The UN Office in Ukraine kindly informs you, that the purchase of goods and services, announced in the UN Office Tenders, is conducted within the framework of international technical assistance project.

Provisions of the Tax Code of Ukraine (paragraph 197.11) foresee the VAT tax exemption for operations, financed by material and technical assistance.

The procedure for obtaining the tax exemption right for operations, performed in the framework of international technical assistance projects, is regulated by the Decree #153 of the Cabinet of Ministers of Ukraine dated February 15, 2002.

In case you already have the right to apply this VAT allowance, on the date of UNDP prepayment receipt you should prepare and register a tax invoice (hereinafter - TI) in the United Register of Tax Invoices (URTI), filled in as follows:

- *the column "Comprised on the operation, exempted from taxation" on the upper left part - with the mark "Without VAT";*
- *Section A of the TI table section (lines I-X) should contain the summarizing data on TI transactions, namely: line I - the total amount to be paid, including VAT; line IX - the total volume of goods and services delivered. Lines II-VIII of section A are not filled;*
- *in column 2 of section B – supplier's (seller's) services nomenclature;*
- *in section 3.3 of section B - service code according to the SCPS. Box 3.3 should be filled in at all stages of the services delivery;*
- *in columns 4 and 5 - unit of services measurement;*
- *in column 6 - quantity (volume) of services delivery;*
- *in column 7 - the price of the service unit supply, excluding VAT;*
- *in column 8 - VAT rate code 903;*
- *in column 9 – tax allowance code according to the Handbook of other tax benefits, approved by the SFS as of the date of TI submission - "14060523".*
- *in column 10 - supply volume, excluding VAT (prepayment amount).*

Detailed instructions to be found in the materials "Tax invoice - 2017: instruction on filling out" and "New tax invoice in the samples."

Credit against VAT tax, applied on the materials purchase for the relevant construction works performance, cannot be compensated as per the paragraph #198.5 of Tax Code of Ukraine. According to the Tax Code paragraph #198.5, goods and services supply operations, exempted from VAT based on the Tax Code paragraph #197.11, the rules for calculating tax liabilities do not apply.

Using the materials bought with VAT, there is no need to compensate the credit against VAT, as well as no need to accrue tax liabilities.

Considering all mentioned above, you are kindly asked to submit your tender applications / invoices for payment without VAT, referring to the Ukrainian legislation provisions, stated in the mentioned regulatory acts.

Should you have any additional questions, please contact the offices of the State Fiscal Service of Ukraine at the place of your enterprise registration for additional clarifications of Article 52 of the Tax Code of Ukraine.

Table 3. Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Minimum Technical Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS) DDP – Department of ecology and natural resources of the Donetsk oblast state administration (Kramatorsk, (Bohdana Khmelnytskoho St., 6) DDP – Department of communal property, land, property relations, ecology and natural resources of the Luhansk oblast state administration (Severodonetsk, (54,B Tsentralny Ave.))	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time (Delivery of goods must be carried out within 80 (eighty) calendar days from PO/Contact signature date)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
The warranty period for all goods must be not less than 12 (twelve) months	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
All goods must have official warranty service in Ukraine	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation (min. 60 days)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
<i>Exact name and address of company</i> Company Name: Click or tap here to enter text. Address: Click or tap here to enter text. Click or tap here to enter text. Phone No.: Click or tap here to enter text. Email Address: Click or tap here to enter text.	Authorized Signature: Date: Click or tap here to enter text. Name: Click or tap here to enter text. Functional Title of Authorised Signatory: Click or tap here to enter text. Email Address: Click or tap here to enter text.

