



RFQ Reference: RFQ/064/22 - PROCUREMENT OF LABORATORY EQUIPMENT	Date: 26 September 2022
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REQUEST FOR QUOTATION (RFQ)

SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the provision of goods, works and/or services 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

Annex 4: Check-list for Bidder

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.

UNDP Uzbekistan

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	<p>No later than 18:00 (GMT+5) Tashkent time on October 10, 2022</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p> <p>For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.</p>
Method of Submission	<p>Quotations must be submitted as follows:</p> <ul style="list-style-type: none"> <input type="checkbox"/> E-tendering <input checked="" type="checkbox"/> Dedicated Email Address <input type="checkbox"/> Courier / Hand delivery <input type="checkbox"/> Other Click or tap here to enter text. <p>Bid submission address: bids.uz@undp.org</p> <ul style="list-style-type: none"> ▪ File Format: *.pdf ▪ 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. ▪ Max. File Size per transmission: 20 mb ▪ Mandatory subject of email: RFQ/064/22 ▪ Multiple emails must be clearly identified by indicating in the subject line “email no. X of Y”, and the final “email no. Y of Y. ▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible. ▪ The bidder should receive an email acknowledging email receipt. <p>[For eTendering method, click the link https://etendering.partneragencies.org and insert Event ID information]</p> <ul style="list-style-type: none"> • Insert BU Code and Event ID number <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: https://www.undp.org/content/undp/en/home/procurement/business/resources-for-bidders</p>
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier’s preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>
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</p>

	http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an_dinvestigation.html#anti
Gifts and Hospitality	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.
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
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 type="checkbox"/> Others [pls. specify]</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 ultimate beneficial owners, employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative [amend in case of other eligibility requirements].</p>
Currency of Quotation	<p>Quotations shall be quoted in</p> <p><input checked="" type="checkbox"/> Foreign companies: in USD or in EUR.</p> <p><input checked="" type="checkbox"/> Local companies registered in Republic of Uzbekistan: in Uzbek sums (UZS).</p>
Joint Venture, Consortium	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

or Association	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. Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.
Only one Bid	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. Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following: 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 c) they have the same legal representative for purposes of this RFQ; or d) 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; e) 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 f) 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.
Duties and taxes	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: All prices must: <input checked="" type="checkbox"/> be inclusive of VAT for companies registered in Uzbekistan as VAT payers <input checked="" type="checkbox"/> be exclusive of VAT for foreign companies not registered in Uzbekistan
Language of quotation	Click or tap here to enter text Including documentation including catalogues, instructions and operating manuals.
Documents to be submitted	Bidders shall include the following documents in their quotation: <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <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 <input checked="" type="checkbox"/> Company Profile. <input checked="" type="checkbox"/> Registration certificate; <input checked="" type="checkbox"/> List and value of projects performed for the last 3 (three) years plus client's contact details who may be contacted for further information on those contracts; <input checked="" type="checkbox"/> List and value of ongoing Projects with UNDP and other national/multi-national organization with contact details of clients and current completion ratio of each ongoing project; <input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top 3 (three) clients in terms of Contract value in similar field;
Quotation validity period	Quotations shall remain valid for 60 days from the deadline for the Submission of Quotation.
Price variation	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.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted <input type="checkbox"/> Permitted Insert conditions for partial quotes and ensure that the requirements are properly listed in lots to allow partial quotes
Alternative Quotes	<input type="checkbox"/> Not permitted <input checked="" type="checkbox"/> Permitted

	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, UNDP reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as “Main Quote” and “Alternative Quote”
Payment Terms	<input checked="" type="checkbox"/> 100% within 30 days after receipt of goods, works and/or services and submission of payment documentation. <input type="checkbox"/> Other Click or tap here to enter text.
Conditions for Release of Payment	<input checked="" type="checkbox"/> Passing Inspection [specify method, if possible] Complete Installation <input type="checkbox"/> Passing all Testing [specify standard, if possible] <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 <input type="checkbox"/> Others [pls. specify]
Contact Person for correspondence, notifications and clarifications	E-mail address: pu.uz@undp.org Attention: Quotations shall not be submitted to this address but to the address for quotation submission above. 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 3 (three) working days before the submission deadline. Responses to request for clarification will be communicated during 2 (two) working days by pu.uz@undp.org
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	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract <input type="checkbox"/> Comprehensiveness of after-sales services <input type="checkbox"/> Earliest Delivery /shortest lead time <input type="checkbox"/> Others Click or tap here to enter text.
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, Click or tap here to enter text. 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 checked="" type="checkbox"/> Purchase Order <input type="checkbox"/> Contract Face Sheet (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.	Click or tap to enter a date.
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.
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ANNEX 1: SCHEDULE OF REQUIREMENTS

ANNEX 1.1.: TECHNICAL REQUIREMENTS

Important Note: Any manufacturer's names, trade names, brand names or catalogue numbers used in the specifications are for the purpose of describing and establishing general performance and quality levels. Such references are not intended to be restrictive. Offers are invited on these and comparable brands or products provided the quality of the proposed products meet or exceed the quality of the specifications listed for any item.

PROCUREMENT OF EQUIPMENT FOR MODERNIZATION OF SCIENTIFIC LABORATORIES AND STRENGTHENING OF THE RESEARCH INSTITUTE OF IRRIGATION AND WATER PROBLEMS OF THE RUZ AND THE SCIENTIFIC AND TECHNICAL BASE OF THE RESEARCH INSTITUTE OF PLANT, GRAIN AND VEGETABLE GROWING IN THE REPUBLIC OF UZBEKISTAN.

Technical Specifications for Goods:

No.	Name / purpose	Minimum technical requirements		Unit	Qty
		Description	Index		
1	Electronic turbidimeter (turbidimeter) portable To determine the turbidity of water caused by very fine particles Model Turbiquant 1100 IR or equivalent	Infrared light source with wavelength \pm	860 nm	PCS	2
		Light source	IR LED		
		turbidity measurement range NTU \pm	0.02-1100		
		permission	0.01 in the range 0.01-99.99 NTU ; 0.1 in the range 100-999.99 NTU ; 1 in the range of 1000-1100 NTU		
		accuracy of measurements, %	± 2 or ± 0.1 NTU in the range 0 - 500 NTU ; ± 3 in the range 500 - 1100 NTU ;		
		calibration points \pm	1-3		
		response time, sec \pm	fourteen		
		sample volume, ml \pm	fifteen		
		standard cuvette dimensions, mm \pm	25x45		
		LCD display; protection IP 67 (robust waterproof housing)			
		power supply - 4 alkaline batteries, type AAA			
		Delivery set: turbidimeter, cuvettes 2 pcs., case, batteries 4 pcs.			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
2	soil moisture meter Capacitive sensor for measuring moisture in individual soil horizons and determining soil water permeability Model AQUATERR M-350 or equivalent	Stainless steel electrode length Steel \pm	5 cm	PCS	2
		Overall length of the moisture meter \pm	91 cm		
		Electrode diameter \pm	3 cm		
		Humidity range \pm	0 - 100%		
		Response \pm	2-3 sec		
		LCD display shows water percentage			
		Measurement accuracy \pm	1.5%		
		Power-Battery \pm	9 V		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
3	soil moisture meter Designed to measure soil moisture with the function of connecting to a GPS navigation system, based on high-frequency volumetric measurement with capacitance. Substrat Moisture Meter Model TDR 300 or equivalent	Positioning accuracy \pm	up to 3 m	PCS	1
		The device is made in the form of a rod with probes installed in its base. The data is transferred to a PC for analysis. The software displays moisture maps.			
		Contents of delivery: Volumetric water content sensor - Humidity probes - vary in length from 3.8 to 20 cm. Special software installation THEGARMINGPS 72 H The navigator is connected to the moisture meter AA batteries, operating time up to 16 hours.			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
4	Soil moisture meters Designed to measure soil moisture Model MC -7828 or equivalent	Complete set: Main block; sensor; carrying case (B 04)		PCS	1
		Sensor type	Pin		
		Accuracy	+/- (0.5% n +1)		
		Soil moisture measurement range	0~80%		
		Operating Humidity Range	less than 80%		
		Resolution \pm	0.1		

		Memory ±	99 measurements		
		Batteries ±	4*1.5V AAA(UM-4)		
		Display	digital backlit		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
5.	Portable conductivity/salinometer Designed for rapid assessment of the salinity of water and solutions (soil through a water extract) Model ECscan 40 or equivalent	Measuring range mS/cm ±	from 0.00 to 19.90	PCS	2
		Resolution mS/cm ±	0.10		
		Measurement accuracy	±1%FS		
		Temperature measurement ±	0...60C° (ATK)		
		Salinity	Range: 0~ 10ppt ; accuracy ±1% F . S ; resolution0.01 ppt		
		Power supply ±	2x1.5V "AAA" batteries		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
6.	Water quality meter (PH -, EU, temperature) Model Used to measure pH & EC & TEMP solution or equivalent	Kit: pH & EC & TEMP meter, Mini screwdriver		PCS	3
		pH range	0.00 ~ 14.00p EC: 0.00 ~ 19990µs/cm		
		Temperature	-50 degree ~ 70 degree		
		pH resolution	0.01pEC: 10us/cm		
		pH accuracy	± 0.1pH EC: ± 2%		
		Source of power ±	6 V DC		
		Battery	4 × 1.5 V ag-13 tablet		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
7.	pH-METER and CONDUCTOMETER (EC-meter) Model D -54 or equivalent multifunctional field meter with laboratory precision and rugged housing	Measuring ranges:		PCS	2
		pH measuring range ±	0 - 14		
		Conductivity:	± 0.05% ES or EC		
		Accuracy / Repeatability	± 0.01 pH ± 1 digit		
		Auto temperature compensation:	0° to 100°C		
		pH Calibration - 2:59	automatic		
		Conductivity:	1 µS/cm to 100 mS/cm mV - ± 1999		
		Temperature ±	32 - 194°F (0.0 - 90.0°C)		
		Includes meter, pH and EC electrodes, pH 4 and 7 calibration standards; EU standard 1.41 mS, 9-volt battery			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
8.	Portable ph meter Model PHscan 30 S - E E or equivalent	Measuring range ±	1.0-15.0	PCS	1
		error ±	± 0.01 pH		
		automatic tamper			
		compensation from ±	0 to 60°C		
		3 point calibration ±	4.0, 7.0 and 10.0		
		Dust and moisture protection ±	class IP67		
		Accompanying documents (passport, certificate, operation manual)			
9.	Set of manual soil drills-samplers For testing all types of soils above the aquifer and sticky soils below the aquifer Model Eijkelkamp 01.11. S O or equivalent	Package contents: 4 types of Edelman samplers (for clayey rocks, sands, coarse-grained sandy soils and mixed soils), a tool for sampling in coastal areas, for stony soils, a spiral-shaped drill, a piston-shaped sampler and a half-cylindrical drill		PCS	1
		Drilling diameter, mm ±	70		
		Maximum sample depth, not less than mm ±	3000		
		Sample length, mm	100		
		Sampler position	vertical		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
10.	Aluminum bottles Used in laboratory research, for storage and transportation of samples Model BG50*20 (VS-1) or equivalent	Buks aluminum d =50mm, h =20mm		PCS	2
		Diameter, mm	fifty		
		Cup height range, mm	20-40		
		Volume, ml	70		
		Made from aluminum alloy	withstand temperatures up to 650°		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
11.	Set of cutting rings for soil sampling	Scope of delivery: cutting ring 3 pcs, ring cover 1 pc, anvil handle 1 pc.		PCS	3
		Outer diameter, mm	58		

	For laboratory studies of soil with a volume of 100 cm3 Model PG-100 or equivalent	Inner diameter, mm	54±0.25		
		Wall thickness mm	2		
		Height, mm	44		
		Sharpening angle of the outer cutting edge, no more	30°		
		Cover height mm	25		
		Volume, cm3	100		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
12.	Soil tensiometer Measures water tension Caipos GmbH Model 200 SS or equivalent	Measuring range:	MIN: 0 Pa (0 psi) MAX: 239,000 Pa (35 psi)	PCS	1
		Accompanying documents (passport, certificate, operation manual)			
13.	Soil sieve set Designed to determine the grain composition of bulk materials, sieve analysis in construction laboratories JV model or equivalent	Set of SP sieves for soil (0.1; 0.25; 0.5; 1; 2; 3; 5; 7; 10mm; tray; cover) Shell d =120mm, h =38mm - stainless steel; mesh, perforated sheet - stainless steel.		PCS	2
		Cell size, mm	0.1; 0.25; 0.5; one; 2; 3; 5; 7; ten		
		Screen element type	0.1...2.0 - Grid; 3.0...10.0 - Perforation		
		Shell size, mm	120		
		Shell height, mm	38		
		Weight, kg, no more	2.3		
		Screening element material	Stainless steel		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
14.	Digital high pressure water pressure gauge Model YK-100B or equivalent	pressure range	-0.1~0MPa 0~260MPa	PCS	5
		Accuracy	±0.1%FS; ±0.05%FS		
		output signal	RS485,RS232, 4~20mA		
		Diameter	100MM		
		material	stainless steel		
		Additional features: storage, peak recording function			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
15.	Ring samplers Designed for the selection of soils for the purpose of studying their physical properties in laboratories, when an undisturbed sample of a certain size and volume is required Model 07.53.SC or equivalent	Sampling soft soils at depth	up to 2 m	PCS	2
		Ring diameter	53, 60 and 84 mm		
		Scope of supply : set for different types of soils (sets with index SC), including those under the aquifer. Possible ring diameters - 53, 60 and 84 mm			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
16.	Stretch infiltrometer Tension infiltrometer For measuring water infiltration in soils during irrigation Model SW 080B or equivalent	Type of	membrane	PCS	2
		Disc diameter	20 cm		
		Frame	plexiglass and polycarbonate		
		inside diameter water reservoir	5.1cm		
		Inside diameter bubbling tower	2.54cm		
		Length water reservoir	81cm		
		Bubbling pressure membrane	30 cm H2O		
		Reading accuracy	1mm		
		Weight	3.75 kg		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian			
17.	High Resolution Laboratory Binocular Biological Microscope Designed to magnify microscopic objects visible in transmitted light to control plant cell growth and division Model TXS07-01B or equivalent	Increase	from 40 to 1000 times.	pcs	2
		objective system:	4X, 10X, 40X(S), 100X		
		Lightbar:	2-30mm Iris Diaphragm		
		Magnification:	40x-1600x		
		illumination:	6V/20W halogen lamp, 20W incandescent lamp, 1WLE		
		focus system:	20mm		
		material:	ABS+metal,Glass		
		eyepiece system:	WF10X (Optional :WF16X)		
		observation head:	30° Inclined., 360° Rotatable		
		Stage:	XY: 60X30 mm.		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages			

18	Temperature and Humidity Sensor with Portable Platform Designed to measure pH, redox potential (Eh) and temperature Model: JXBS-3001-SCY-PT or equivalent	output signal:	RS485	pcs	1	
		type:	soil detector			
		protection grade:	IP68			
		response time:	≤3s			
		power supply:	1.5V 3 AAA batteries			
		operating temperature	-20oC~50oC			
		working humidity	<90% non-condensing			
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages				
19	Scales For recipe weighing and percentage calculations Model VLTE-1100 or equivalent	Maximum weight limit, g	1100	pcs	1	
		Minimum weight limit, g	0,5			
		deviation during primary control, mg	no more than 10			
		Measuring cup size, mm	175x145			
		Permissible error limits, mg	±30			
		Power scheme - combined: network, PC and external battery. If necessary, a standard RS-232 port is built in for external communication				
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages				
20	Thermostat dry-air electro cooling, Designed to obtain and maintain the temperature required for research inside the working chamber Model TSO- 1/80 SPU or equivalent	Working chamber size	L80	pcs	1	
		The maximum temperature deviation of any point - the average value of the working chamber, ° C	C ±0.4			
		Limiting volume of stable thermal state, °C	-1.5 to +1.5			
		Set temperature	°C 0.1			
		Temperature	from +5 to +60 degrees.			
		Operating mode establishment time, min	no more than 180			
		Operation within the specified temperature range				
		Full camera coverage				
		Voice alerts, i.e. warning in emergency situations				
		Digital display of desired temperature				
		Constant control of the temperature level in the chamber				
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages				
21	Illuminated LED Magnifier Research is being carried out to identify plant diseases and pests in the field. Model VOLANTEXRC or equivalent	Lens material	glass	pcs	2	
		Magnification power	30 times			
		Size, cm within	22x11x3			
22	Electronic volumetric grain meter For electronic bulk density measurement Model: GHCS-1000 or equivalent	Maximum weighing load	1000±2g	pcs	1	
		Weighing resolution	1g			
		Density barrel volume	1000±1.5ml			
		power	AC 220V±10V 50Hz			
		working temperature	5°C - 40°C			
		Working relative humidity	<90%RH			
		Blanking mouth diameter	particles 30mm large particles 50mm			
		Measuring mode	combined measurement			
Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages						
23	Grain moisture meter Designed to determine moisture content, bulk density, whole grain temperature Model GRANOMAT or equivalent	High accuracy	error 0.1%	pcs	1	
		Sample loading capacity	600 ml			
		Food	110 / 230V, 50/60 Hz			
		Memory	over 200 calibrations			

		Moisture measurement of various types of grains and oilseeds: wheat, rye, barley, oats, corn, rice, sunflower, peanuts, flax, rapeseed and others (up to 250 crops)		
		Connecting to a computer or printer via built-in ports		
		No need to grind grain, full automatic		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages		
24	Grain cleaning machine PETKUS for processing seed material Model K-547 / 527 or equivalent	Mass flow -	2.8 kg/s (10 tons per hour)	
		Electric motors: fan	11 kW; 1440 rpm	
		sieve mill	1.5 kW	
		Screen cleaning mechanism	ZG I KMR 63G 4 0.55kW	
		Lighting: incandescent lamp	AS 240 V, 60 W	
		Screen sizes, mm: within	Length - 714 Width -1530	
		Number of sieves, pcs:	Top - 3, Middle - 2, Bottom 2	
		Sieve tilt, degrees:	Top - 4, Middle and bottom - 6.50	
		Sieve oscillation frequency, min	1 290/320 (stepped)	
		Oscillation amplitude, mm	15	
		Equipment: 2 cyclones, 1 kW fan, air ducts, 35 sieves for grain crops.		
		Accompanying documents (passport, certificate, operation manual) must be in English or Russian languages		
				pcs
				1

ANNEX 1.2.: DELIVERY REQUIREMENTS

1. Delivery date and time	Bidder shall deliver the goods during 60 calendar days after Contract signature.
2. Delivery Terms(INCOTERMS 2020)	CIP Tashkent, Uzbekistan
3. Customs clearance (must be linked to INCOTERM)	<input checked="" type="checkbox"/> UNDP
4. Exact Address(es) of Delivery Location(s)	United Nations Development Program (UNDP) Republic of Uzbekistan, 100029, Tashkent, st. Taras Shevchenko, 4
5. Distribution of shipping documents (if using freight forwarder)	N/A
6. Packing Requirements	Manufacturer/supplier standard packaging
7. Training on Operations and Maintenance	N/A
8. Warranty Period	The warranty period is minimum 1 (one) year. The Vendor shall cover the warranty on delivered goods for 1 (one) year. Within the warranty period, the Vendor will repair or replace without cost to UNDP any product or parts to be defective covered by the warranty period with Vendor's finds. In case of Goods that require ongoing or ad-hoc maintenance or repair, the selected vendor shall confirm response to callouts for any maintenance or repair within 7 business days. The warranty period should start from the moment of the signing of acceptance report and transfer of goods to end user on "turn-key" basis. Bidders are required to clearly state the Original Equipment Manufacturer (OEM) warranty period from the date of acceptance and the related terms and conditions of the offer.
9. After-sales service and local service support requirements	Elimination of inconsistencies and comments during the warranty period, including delivery and replacement; replacement with a new product if previously supplied does not meet Specification or is not repairable. The vendor shall provide after-sales support under the warranty, which may include any ongoing repair/maintenance, upgrades at no charge and guarantee the workmanship and parts for a period of 14 business days.
10. Preferred Mode of Transport	Any: ground; air

ANNEX 1.3. Technical Evaluation Criteria

IMPORTANT NOTE TO BIDDERS: The Bidder must complete and sign the criteria specified below. All requested supporting documentation that verifies the claims must also be attached to the offer. Bidder shall provide reference page number of their supporting document to each criterion specified in Table below.

Minimum Mandatory Requirements	Supporting documents, if applicable, Bidder to specify page number where information can be found on their offer. Bidder can add other comment here or in additional page	Compliant	
		YES	NO
1. The Bidder has read and fully understood all Sections of the RFQ instructions and data, data and requirement, Technical and Delivery Requirements.		<input type="checkbox"/>	<input type="checkbox"/>
2. Bidder possesses all relevant certifications/licenses/registrations in line with local laws and regulations. Legal entity certificate from the relevant authority (Enclose a copy).		<input type="checkbox"/>	<input type="checkbox"/>
3. Bidder avails professional experience of organization in implementation of similar goods indicated in Terms of RFQ Reference. Please provide at least three positive reference letters. (Enclose a copies)		<input type="checkbox"/>	<input type="checkbox"/>
4. Bidder has at least three years of professional experience for provision of similar goods. Please provide one-page executive summary, background, credits, similar experience relevant to this requirementof the company's background.		<input type="checkbox"/>	<input type="checkbox"/>
5. Bidder has a minimum of 3 purchase orders/contracts awarded for similar goods. Please, enclose copies of purchase orders/contracts and contact addresses (e-mail) of clients whom the Bidder delivered similar goods.		<input type="checkbox"/>	<input type="checkbox"/>
6. Bidder confirms availability of a minimum 12-months factory warranty for the offered goods, indicating the legal address of the local representative for service as per Annex 1.2. Delivery Requirements and After-Sales Requirements as defined in requirements no. 9 in Annex 1.2. page#9;		<input type="checkbox"/>	<input type="checkbox"/>
7. Latest Expected Delivery Date and Time <i>(if delivery time exceeds this, quote may be rejected by UNDP): not later than 60 calendar days</i> as defined in requirements no. 1 in Annex 1.2. page #8 from the issuance of the Purchase Order (PO) and signature by both parties		<input type="checkbox"/>	<input type="checkbox"/>
8. A statement whether any import or export licenses are required in respect of the goods to be purchased including any restrictions on the country of origin, use/dual use nature of goods or services, including and disposition to end users		<input type="checkbox"/>	<input type="checkbox"/>
9. Period of Validity of Quotes 60 calendar days as defined in requirements no. 17 in Section 2. Page#5 starting the Submission Date: Please note that prices cannot be changed once the quotation has been submitted. The price shall remain <u>fixed</u> for the entire period of the Contract and shall include all costs, expenses, charges or fees that the Bidder may incur in connection with this requirement		<input type="checkbox"/>	<input type="checkbox"/>
10. The standard UN terms of payment are net 30 calendar days as defined in requirements no. 21 in Section 2. <i>Page#5</i> , following satisfactory delivery of goods and submission of an invoice, whichever is later. Payment for goods by the UN will not be deemed an acceptance of the goods.		<input type="checkbox"/>	<input type="checkbox"/>
11. Delivery Term (INCOTERMS) CIP TASHKENT as defined in requirements no. 2 in Annex 1.2. page#8		<input type="checkbox"/>	<input type="checkbox"/>

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:	Click or tap here to enter text.	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade	<input type="checkbox"/> Yes <input type="checkbox"/> No

institutions promoting such issues <i>(If yes, provide a Copy)</i>				
Is your company a member of the UN Global Compact		<input type="checkbox"/> Yes <input type="checkbox"/> No		
Bank Information		Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.		
Previous relevant experience: 3 contracts				
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 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, ultimate beneficial owners, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.

Yes	No	
<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 bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	Click or tap here to enter text.	Date: Click or tap to enter a date.

ANNEX 3.1. FINANCIAL OFFER-GOODS

Quote currency:		Specify Offer Currency - Uzbek Sum / US Dollar or EURO						
INCOTERMS:		CIP TASHKENT, UZBEKISTAN						
Item No.	Description	UNIT	Qty	Model	Warranty Period	Manufacturer	Unit price	Sum
1	Electronic turbidimeter (turbidimeter) Model Turbiquant 1100 IR or Equivalent (please specify the model if you are offering alternate item)		2					-
2	moisture meter Model AQUATERR M -350 or Equivalent (please specify the model if you are offering alternate item)		2					-
3	Substrat Moisture Meter Model TDR 300 or Equivalent (please specify the model if you are offering alternate item)		1					-
4	Soil moisture meters Model MC-7828 or Equivalent (please specify the model if you are offering alternate item)		1					-
5	Portable Conductivity/Salinometer Model ECscan40 or Equivalent (please specify the model if you are offering alternate item)		2					-
6	Water quality meter (PH-, EU, temperature)		3					-
7	pH METER and CONDUCTOMETER (EC meter) Model D-54 or Equivalent (please specify the model if you are offering alternate item)		2					-
8	Portable ph meter Model PHscan30S-E E or Equivalent (please specify the model if you are offering alternate item)		1					-
9	Hand Soil Sampler Set Model Eijkelkamp 01.11.SO or Equivalent (please specify the model if you are offering alternate item)		1					-
10	Aluminum bottles Model BG50*20 (VS-1) or Equivalent (please specify the model if you are offering alternate item)		2					-
11	Set of cutting rings for soil sampling Model PG-100 or Equivalent (please specify the		3					-

	<i>model if you are offering alternate item)</i>							
12	Soil tensiometer Model 200SS <i>(please specify the model if you are offering alternate item)</i>		1					-
13	Soil sieve set Model SP or Equivalent <i>(please specify the model if you are offering alternate item)</i>		2					-
14	High Water Pressure Digital Gauge Model YK-100B or Equivalent <i>(please specify the model if you are offering alternate item)</i>		5					-
15	Ring Samplers Model 07.53.SC or Equivalent <i>(please specify the model if you are offering alternate item)</i>		2					-
16	Tension infiltrometer Model SW 080B or Equivalent <i>(please specify the model if you are offering alternate item)</i>		2					-
17	High-Resolution Laboratory Binocular Biological Microscope Designed to magnify microscopic objects visible in transmitted light to control plant cell growth and division Model TXS07-01B or equivalent <i>(please specify the model if you are offering alternate item)</i>		2					
18	Temperature and Humidity Sensor with Portable Platform Designed to measure pH, redox potential (Eh) and temperature Model: JXBS-3001-SCY-PT or equivalent <i>(please specify the model if you are offering alternate item)</i>		1					
19	Scales For recipe weighing and percentage calculations Model VLTE-1100 or equivalent <i>(please specify the model if you are offering alternate item)</i>		1					
20	Thermostat dry-air electron cooling Designed to obtain and maintain the temperature required for research inside the working chamber Model TSO- 1/80 SPU or equivalent <i>(please specify the model if you are offering alternate item)</i>		1					
21	Illuminated LED Magnifier Research is being carried out to identify plant diseases and pests in the field. Model VOLANTEXRC or equivalent <i>(please specify the model if you are offering alternate item)</i>		2					
22	Electronic volumetric grain meter For electronic bulk density measurement Model: GHCS-1000 or equivalent <i>(please specify the model if you are offering alternate item)</i>		1					
23	Grain moisture meter Designed to determine moisture content, bulk density, whole grain temperature		1					

	Model GRANOMAT or equivalent <i>(please specify the model if you are offering alternate item)</i>								
24	Grain cleaning machine PETKUS for processing seed material Model K-547 / 527 or equivalent <i>(please specify the model if you are offering alternate item)</i>		1						
								Total price	-
								Shipping cost	-
								Insurance cost	-
								Other fees (specify if any)	-
								VAT (applicable for VAT payers registered in the territory of the Republic of Uzbekistan)	-
								Total final price including all costs	-

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)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty and After-Sales Requirements	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation	<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.
Other requirements <i>[pls. specify]</i>	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

Other Information:

Estimated weight/volume/dimension of the Consignment:	Click or tap here to enter text.
Country/ies of Origin: <i>(if export licence required this must be submitted if awarded the contract)</i>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
Exact name and address of company Company Name: Click or tap here to enter text. Address: Click or tap here to enter text. 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.