



RFQ Reference: RFQ/062/22 – various equipment for cotton growing

Date: 20 September 2022

## 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

1	<b>Introduction</b>	<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 <a href="#">UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</a></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>
2	<b>Deadline for the Submission of Quotation</b>	<p>No later than 18:00 (GMT+5) Tashkent time on October 4, 2022          If any doubt exists as to the time zone in which the quotation should be submitted, refer to <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a>.</p>
3	<b>Method of Submission</b>	<p>Quotations must be submitted as follows:</p> <p><input type="checkbox"/> E-tendering  <input checked="" type="checkbox"/> Dedicated Email Address  <a href="mailto:Bids.uz@undp.org">Bids.uz@undp.org</a></p> <p><input checked="" type="checkbox"/> Courier / Hand delivery</p> <p>You can deliver your proposal physically in a sealed envelope or by post by courier to the address below:</p> <p>United Nations Development Program (UNDP)          Republic of Uzbekistan,          100029, Tashkent,          st. Taras Shevchenko, 4</p> <p><input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a></p> <p>Bid submission address: <a href="mailto:Bids.uz@undp.org">Bids.uz@undp.org</a></p> <ul style="list-style-type: none"> <li>▪ File Format: pdf</li> <li>▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>▪ All files must be free of viruses and not corrupted.</li> <li>▪ Max. File Size per transmission: 20 Mb</li> <li>▪ Mandatory subject of email: <a href="#">RFQ/062/22</a></li> <li>▪ 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”.</li> <li>▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible.</li> <li>▪ The bidder should receive an email acknowledging email receipt.</li> </ul>
4	<b>Cost of preparation of quotation</b>	<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>
5	<b>Supplier Code of Conduct, Fraud, Corruption,</b>	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes <b>principles on labour, human rights, environment and ethical conduct</b> may be found at: <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a></p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP’s Anti-Fraud Policy can be found at <a href="http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti">http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti</a></p>
6	<b>Gifts and Hospitality</b>	<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</p>

		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.
7	<b>Conflict of Interest</b>	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. 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>
8	<b>General Conditions of Contract</b>	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract Select the applicable GTC: <input checked="" type="checkbox"/> <a href="#">General Terms and Conditions / Special Conditions for Contract.</a></p> <p>Applicable Terms and Conditions and other provisions are available at <a href="#">UNDP/How-we-buy</a></p>
9	<b>Special Conditions of Contract</b>	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days
10	<b>Eligibility</b>	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the 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. 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>
11	<b>Currency of Quotation</b>	<p>Quotations shall be quoted in <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 soums (UZS).</p>
12	<b>Joint Venture, Consortium or Association</b>	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for 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 <a href="#">Solicitation policy</a> for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
13	<b>Only one Bid</b>	<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>
14	<b>Duties and taxes</b>	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <p><input checked="" type="checkbox"/> be inclusive of VAT for companies registered in Uzbekistan as VAT payers</p> <p><input checked="" type="checkbox"/> be exclusive of VAT for foreign companies not registered in Uzbekistan</p>
15	<b>Language of quotation</b>	<p><input checked="" type="checkbox"/> English; or</p> <p><input checked="" type="checkbox"/> Russian</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>
16	<b>Documents to be submitted</b>	<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"/> Company Profile.</p> <p><input checked="" type="checkbox"/> Registration certificate;</p> <p><input checked="" type="checkbox"/> List and value of projects performed for the last <b>3 (three)</b> years plus client's contact details who may be contacted for further information on those contracts;</p> <p><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;</p> <p><input checked="" type="checkbox"/> Statement of satisfactory Performance (Certificates) from the top <b>3 (three)</b> clients in terms of Contract value in similar field;</p> <p><input type="checkbox"/> Completed and signed CVs for the proposed key Personnel;</p> <p><input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a></p>
17	<b>Quotation validity period</b>	Quotations shall remain valid for <b>60 (sixty)</b> calendar days from the deadline for the Submission of Quotation.
18	<b>Price variation</b>	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
19	<b>Partial Quotes</b>	<p><input checked="" type="checkbox"/> Not permitted</p> <p><input type="checkbox"/> Permitted <a href="#">Insert conditions for partial quotes and ensure that the requirements are properly listed in lots to allow partial quotes</a></p>
20	<b>Alternative Quotes</b>	<p><input type="checkbox"/> Not permitted</p> <p><input checked="" 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, 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"</p>
21	<b>Payment Terms</b>	<p><input checked="" type="checkbox"/> 100% within 30 days after receipt of goods, works and/or services and submission of payment documentation.</p> <p>- For local suppliers in Uzbek soums (registered in Uzbekistan)</p> <p>- For foreign suppliers in USD or EURO (registered outside Uzbekistan)</p>
22	<b>Conditions for Release of Payment</b>	<p><input checked="" type="checkbox"/> Passing Inspection [<a href="#">specify method, if possible</a>] Complete Installation</p> <p><input type="checkbox"/> Passing all Testing [<a href="#">specify standard, if possible</a>]</p> <p><input type="checkbox"/> Completion of Training on Operation and Maintenance [<a href="#">specify no. of trainees, and location of training, if possible</a>]</p> <p><input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements</p> <p><input type="checkbox"/> Others [pls. specify]</p>
23	<b>Contact Person for correspondence, notifications and clarifications</b>	<p>E-mail address: pu.uz@undp.org</p> <p>Attention: Quotations shall not be submitted to this address but to the address for quotation submission above. Otherwise, offer shall be disqualified.</p> <p>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.</p>

24	<b>Clarifications</b>	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
25	<b>Evaluation method</b>	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer <input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a>
26	<b>Evaluation criteria</b>	<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 checked="" type="checkbox"/> Comprehensiveness of after-sales services <input checked="" type="checkbox"/> Earliest Delivery /shortest lead time <input type="checkbox"/> Others <a href="#">Click or tap here to enter text.</a>
27	<b>Right not to accept any quotation</b>	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
28	<b>Right to vary requirement at time of award</b>	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25% )of the total offer, without any change in the unit price or other terms and conditions.
29	<b>Type of Contract to be awarded</b>	<input checked="" type="checkbox"/> Purchase Order
30	<b>Expected date for contract award.</b>	20 October 2022
31	<b>Publication of Contract Award</b>	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.
32	<b>Policies and procedures</b>	This RFQ is conducted in accordance with <a href="#">UNDP Programme and Operations Policies and Procedures</a>
33	<b>UNGM registration</b>	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 <a href="http://www.ungm.org">www.ungm.org</a> . 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.
34	<b>Additional requirement for Construction Bids</b>	<input type="checkbox"/> All work must work in accordance with the requirements for health, safety and environmental protection of the Republic of Uzbekistan <input type="checkbox"/> All work must be in accordance with construction codes and norms of the Republic of Uzbekistan <input type="checkbox"/> The following materials are prohibited, prohibited materials are not limited to the following: - Asbestos or materials, asbestos - Polychlorinated biphenyls (PCBs) - Mercury and mercury compounds - Cadmium and cadmium compositions - Lead compositions - Stainless steel materials with radioactive contamination. <input type="checkbox"/> The contractor is responsible for the disposal of all waste in accordance with the legislation of the Republic of Uzbekistan
35	<b>Additional requirement for Environmental protection</b>	<input checked="" type="checkbox"/> Suppliers must offer products with the lowest greenhouse and carbon dioxide emissions

## ANNEX 1. SCHEDULE REQUIREMENTS

### ANNEX 1.1.: TECHNICAL REQUIREMENTS

#### TECHNICAL DESCRIPTION OF EQUIPMENT

#### GOAL: MODERNIZATION OF SCIENTIFIC LABORATORIES AND STRENGTHENING OF THE SCIENTIFIC AND TECHNICAL BASE OF THE RESEARCH INSTITUTE FOR COTTON GROWING

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.

#### ANNEX 1.1.: TECHNICAL REQUIREMENTS

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
1	Digital soil testing kit for the analysis of the complex composition of the soil  <b>Model: Harvesto digital soil testing kit or equivalent</b>	Soil testing for parameters	Organic carbon (OC), nitrogen (N), phosphorus (P), potassium (K), zinc (Zn), sulfur (S), boron (B), copper ( Cu ), iron (Fe), manganese ( Mn ) , Electrical conductivity (EC)	2
		Acid Soil Testing	need for lime	
		Alkaline Soil Testing	plaster needs	
		Types of crops, not less than	100	
		Battery power not less than	5-6 hours	
		Mobile communication via Bluetooth		
		Connecting to a computer via USB		
		Built-in thermal printer		
		Solar charger		
		Built-in 6 hour backup battery		
Accompanying documents (passport, certificate, operation manual)				
2	Precision balances For measuring soil and other samples with high accuracy  <b>Model: NV2201 or equivalent</b>	Maximum weighing limit (LEL)	2200g	3
		Discreteness no more	0.1g	
		Calibration	external	
		LCD display with backlight	external	
		Interface		
		Battery life not less than	270 hours	
		Stabilization time no more	1 sec	
		Protection class not lower	IP67	
<b>Accompanying documents English or Russian languages (passport, certificate, operation manual)</b>				

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
3	Nitrate ionmeter in soil LAQUAtwin , Used to quickly determine the content of nitrates in the soil in the field  <b>Model: HORIBA LAQUAtwin B-743 or equivalent</b>	Measuring principle	ion-selective measurement method	2
		Minimum sample volume not less than	0.3 ml	
		Range +/-	6 – 9,900 ppm (mg/l) NO <sub>3</sub> - Resolution 1, 10 or 100 ppm	
		Working temperature ±	+5°C... +40°C	
		Relative humidity ±	85%	
		Frame	waterproof	
		Power supply 2 x CR2032		
		1 or 2 point calibration		
		Accuracy ± 10% of meas. data		
		Backlit monochrome digital display		
		Accompanying documents: English or Russian languages (passport, certificate, operation manual)		
		4	Case for determination of nitrates in plants (Nitrachek) To determine the content of nitrates in plants and fruits, as well as water.  <b>Model Nitrachek - 404 or equivalent</b>	
Measuring range ±	0-500 mg/l			
Calibration ±	100 mg/l			
Accuracy	±10%;			
Permission ±	1 mg/l			
battery, not less	9 V			
Scales: Weighing accuracy ± 0.1 g				
Weighing range ± 100-6000 g				
Reproducibility ± 0.1 g				
Linearity ±0.3g				
The minimum weight of portions when summing pieces is ± 0.2 g				
Heating time no more than 2 hours				
Household blender with ± 800 W motor provides rotation of knives up to ± 25,000 rpm				
Cup with heating function with a volume of at least 1200 ml				
Mixing bowl with a vacuum valve with a volume of at least 700 ml				
6-bladed stainless steel blade with titanium coating				
Bowl with 2-bladed blade (capacity ± 200 ml)				
Vacuum unit				
Accompanying documents: English or Russian languages (passport, certificate, operation manual)				

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.		
		Description	Index			
5	<p>Spent pH/ E C- meter/conductivity meter/salinometer Designed to measure the concentration of alkalinity and acidity of the soil (p H ), total salt content, specific electrical conductivity (SEC) and temperature of the aquatic environment</p> <p><b>Model: HI 991301 (pH/EC/TDS/T) or equivalent</b></p>	Sensor (included ) HI 1288		2		
		Conductivity measuring range ±	0 ... 20 mS /cm			
		Measuring range TDS ±	0 ... 10 ppt (g/l)			
		pH measuring range ±	0.0 ... 14.0 pH			
		Temperature	° C 0.0 ... 60.0 °C			
		conductivity accuracy	±2% of span			
		Accuracy, TDS	±2% of span			
		Accuracy, pH	±0.1 pH			
		Accuracy °C	±1°C			
		Calibration, conductivity automatic	1 point			
		TDS factor	from 0.45 to 1.00			
		Temperature compensation	Automatic, 0 to 50°C, β = 0 to 2.4%/°C			
		Calibration, pH	automatic, 2 point			
		Battery/Lifetime	1 x 9V/max. 150 hours			
Accompanying documents English or Russian languages (passport, certificate, operation manual)						
6	<p>Potassium ion meter Used for rapid determination of potassium content in the field For analysis of soil, plant sap to evaluate the effectiveness of fertilizers and provide crops with nutrients</p> <p><b>Model HORIBA LAQUAtwin B -731 or equivalent</b></p>	Standard solutions	K+150 ppm K+2000 ppm 1			
		Measuring principle	Ion-electrode method			
		Minimum sample volume	0.05, 0.3 ml or more			
		Measuring range	39 ppm (mg/l) to 3900 ppm (mg/l) , 20 kg/10a to 2000 kg/10a			
		Display range	0 ppm to 9900 ppm			
		Permission	0 to 1.0ppm : 0.1ppm			
			0 to 99ppm : 1ppm			
			100 to 990ppm: 10ppm			
			1000 to 9900ppm:100ppm			
		Calibration	By two points			
		Error	±10% of measured value			
		Operating Temperature/Humidity	5°C to 40°C, 85% RH or less, non-condensing			
		Power supply	Batteries CR2032 (2 pcs.)			
		Battery life	At least 400 hours of continuous use			
		Basic materials	ABS epoxy			
		Main Functions Temperature conversion (2%/°C fixed), waterproof, reading hold, auto power off				
		Display Individual (monochrome) digital LCD				
		Kit: Probe S030, Storage box, Batteries CR2032 Pipette, Sheet B for sample (5 sheets)				
Accompanying documents English or Russian languages (passport, certificate, operation manual)						



**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
7	<p>Chlorophyll meter Measures leaf chlorophyll, an important indicator of plant health, without damaging the leaf. Non-destructive measurement of plant chlorophyll in the field</p> <p><b>Model SPAD-502Plus or equivalent</b></p>	Measuring principle	optical density difference at two wavelengths (red) 650 nm and (IR) 940 nm	2
		Measurement area (plant leaf)	2 mm x 3 mm (approximately 3/32" x 1/8")	
		The maximum thickness of the sample (green sheet) is not more than	1.2 mm	
		Light source	2 LEDs	
		Receptor	1 silicon photodiode	
		Source of power	2 AA alkaline-manganese batteries (1.5 V)	
		Repeatability in	within ± 0.3 SPAD	
		Reproducibility	within ± 0.5 SPAD	
		SPAD Display	4-digit LCD display of the relative chlorophyll content index from -9.9 to 199.9	
		Accuracy	V ± 1.0 SPAD units	
		Repeatability accuracy	V ± 0.3 SPAD units	
		Accompanying documents (passport, certificate, operation manual)		
8	<p><b>Stationary ultrasonic water flow meter</b></p> <p>in open channels Designed to measure water flow in open channels in a non-contact way: flow speed and direction, data transmission to the control room for reporting and control</p> <p><b>Model SLS -700F STREAMLUX or equivalent</b></p>	Fluid Velocity Measurement Range	±0.005 - ±32 m/s, round trip	2
		Forward and reverse liquid level measurement range	25.4...4570 mm	
			203.2...3660 mm	
		Errors	±1%	
		Channel cross-sectional shape	Keystone or other user-defined	
		Display	Backlit LCD to display flow rate , accumulative flow rate, flow rate, setting options	
		Keyboard	five-key tactile membrane	
		Input signals	Flow sensors (2)	
			Temperature sensors (2)	
		Exit	Current 0-20 or 4-20mA	
			Analog converts current to 1 - 5 V output	
			Frequency	
			customizable	
			Relay	
			Adjustable, normally closed	
			RS-232 (RS-485)	
			The exchange protocol is attached	
Sound				
Built-in speaker, programmable				
Controller Power	~100...240 V, 50/60 Hz; on request =9...32 V			
Sensor operating temperature	-30 ... +90			
Accompanying documents English or Russian languages (passport, certificate, operation manual)				

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.	
		Description	Index		
9	<p>Wireless Weather Station To detect wind speed, direction, precipitation, temperature, humidity, UV and solar radiation from an outdoor sensor array wirelessly, as well as barometric pressure, humidity and temperature from an indoor sensor</p> <p><b>Model DAVIS Instruments Vantage Pro2 6163EU or equivalent</b></p>	Connect to Wi -Fi, upload data to the Internet, the display receives wind speed, direction, precipitation, temperature, humidity, UV and solar radiation from the outdoor sensor array wirelessly, as well as barometric pressure, humidity and temperature from the indoor sensor		2	
		Complete set: weather station control unit			
		sensor unit: temperature sensor			
		relative humidity sensor			
		atmospheric pressure sensor			
		precipitation sensor; anemometer with 12 m cable.			
		solar radiation sensor; UV sensor			
		mounting kit for UV and solar radiation sensors; fixture.			
		Parameters measured by the weather station:			
		Atmosphere pressure			
		Outdoor and room air temperature			
		Outdoor and indoor relative humidity			
		Wind speed and direction			
		Dew point temperature			
		Amount and intensity of precipitation			
		date and time			
		Weather forecast			
		Moon phase			
		Sunrise and sunset times			
		"Imaginary" temperature and "coolness" of the wind			
		Solar radiation intensity			
		Evaporation rate			
		With optional UV sensor:			
		Dose of ultraviolet radiation			
		UV radiation index			
		Temperature range:			-40~+60°C
		Accuracy and Resolution			+/- 1°C and 0.1°C
		Humidity range			10% ~ 99%
		Accuracy and Resolution:			+/- 5% and 1%
		Rain volume:			0 - 6000 mm
		Resolution: 0.3 mm (if rain volume <1000 mm), 1 mm (if rain volume >=1000 mm).			
		Accuracy:			+/- 10%
		Wind speed:			0-50m/s (0~100MPH).
Accuracy: +/-1m/s (speed <5m/s), +/-10% (speed>=5m/s)					
Direction of the wind		0 to 359 degrees			
Light: 0-120k Lux. Accuracy: +/-15%					
UVI: 0-15. Accuracy: +/-15%					
Measurement interval:		16 sec			
Accompanying documents English or Russian languages (passport, certificate, operation manual)					

### ANNEX 1.1.: TECHNICAL REQUIREMENTS

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
10	Soil moisture sensor Device for determining soil moisture and temperature  <b>Model TDR310S or equivalent</b>	Volumetric water content	0 to 100% with 0.1% resolution	6
		The dielectric constant	1 to 80 with a resolution of 0.1 units	
		Soil electrical conductivity aka . Bulk EC	(from 0 to 5000 $\mu\text{S} / \text{cm}$ - resolution depends on the reading range).	
		soil temperature	-40 to +60 degrees C with 0.1 degree resolution	
		Pore water conductivity	0 to 55000 $\mu\text{S} / \text{cm}$	
		Typical rise time of an incident wave to the ground	350ps	
		The input bandwidth for the digital signal converter is also unlimited due to the lack of a coaxial cable.		
		Reading time	0.7 seconds. current.	
		Voltage requirements:	6 to 15 volts DC.	
		No-load current consumption	6-15 Vdc	
		Read current consumption	100 mA at 12 V DC	
		Energy consumption at idle	15 J per day at 6 V DC	
		Read power consumption	0.7 joules reading at 6 VDC, 0.8 joules reading at 12 VDC	
		The thermistor is located within 2mm of the outer shaft of the waveguide where it enters the epoxy housing		
		Performance: typical $\pm 0.2$ degrees C, maximum error $\pm 0.3$ degrees C from -12 to +50C. EC Reporting Accuracy: $\pm 25\mu\text{S} / \text{cm}$ from 0 to 1000 $\mu\text{S} / \text{cm}$ , $\pm 2.5\%$ from 1000 $\mu\text{S} / \text{cm}$ to 6000 $\mu\text{S} / \text{cm}$		
Accompanying documents English or Russian languages (passport, certificate, operation manual)				
11	Pheromone photo trap For biological protection of cotton from pests and remote monitoring of their distribution  <b>Model: iSCOUT or equivalent</b>	Memory	1 GB	4
		Connection to internet	UMTS/LTE and GPS receiver	
		Electronics dimensions	18 cm L x 13 cm W x 35 cm H	
		Transmission interval	Maximum 3 times a day (usually once a day)	
		resolution camera	10 megapixels	
		Power source: a 6V 4.5Ah lead-acid battery ; with solar panels 7.2 volts, 333 mA		
		The devices integrate sticky plate and electronics. They run on a battery that is charged by a solar panel. The equipment is equipped with a camera with a resolution of 10 megapixels , which allows you to take pictures with high detail. All images are automatically sent for information analysis to the FieldClimate cloud storage platform via UMTS. The results are displayed on the screen. The device is controlled in real time, which allows you to track the state of the trap and the number of insects in it.		
		Kit: Internet monitor, solar panel, battery, GPRS Logger, web service including GPS sensor		
		Accompanying documents English or Russian languages (passport, certificate, operation manual)		

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
12	Jingauz For separation _ fiber a from seeds  <b>Model: DW040 or equivalent</b>	Moisture returns of raw cotton	≤12%	2
		Saw diameter not less than	φ280mm _	
		Saw qty at least	18pcs	
		Saw speed not lower	518rpm	
		Brush wheel diameter not less	φ286mm _	
		Brush wheel speed not lower	1,320rpm	
		Dust cage diameter not less	φ280mm _	
		Dust cage speed not below	27rpm	
		Motor not less	1.5kw, max. 1,420rpm	
		Ginning time	50±7s/kg	
		power supply	AC380V, 50Hz, 3phase	
		Accompanying documents (passport, certificate, operation manual)		
13	Portable digital refractometer for quick timing of watering when measuring plant cell sap  <b>Model HI96800 or equivalent</b>	Sugar content range from 0.0 to 85.0% Brix ; 1.3300 to 1.5080 nD ; 1.3330 to 1.5040 nD <sub>20</sub>		2
		Sugar content resolution 0.1% Brix ; 0.0001nD ; _ 0.0001 nD <sub>20</sub>		
		Sugar content accuracy (at 25°C / 77°F) ± 0.2% Brix ; ± 0.0005nD ; ± 0.0005 nD <sub>20</sub>		
		Operating temperature range	0 to 80°C (32 to 176°F)	
		Temperature resolution	0.1°C (0.1°F)	
		Temperature measurement accuracy	±0.3°C (±0.5°F)	
		temperature compensation	from 10 automatic up to 40 °C (50 to 104 °F)	
		Measurement time	1.5 seconds	
		Minimum sample volume	100 µl (to completely cover the prism)	
		Light source	yellow LED	
		sample cell	stainless steel ring and clear glass prism	
		Automatic shutdown	after 3 minutes of inactivity	
		Battery type / durability	9V / approximately 5000 measurements	
		Accompanying documents English or Russian languages (passport, certificate, operation manual)		

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
14	Photosynthesis monitor Permanent monitoring of photosynthesis makes it possible to optimize any adjustable parameters growing plants, most common of which are: • in open ground: irrigation and application at fertilizers  <b>Model: PTM- 50 or equivalent</b>	Working mode	continuous	2
			auto	
		Number of leaf chambers	2 (min.) to 4 (max.)	
		Leaf chamber type	motorized, usually open	
		Duration	about 20 s	
		camera measurement cycle		
		Measurement interval	from 5 to 120 min,	
		window area sheet	user defined	
		Cameras not less than	10 cm <sup>2</sup>	
		Standard length	4 m, Ø=2.4 mm	
		hose and inner diameter within		
		Measuring range	from 0 to 1,000 ppm	
		CO2 concentration		
		Measuring range	-70 to 70	
		CO 2 exchange	µmolCO2 m <sup>-2</sup> s <sup>-1</sup>	
		Measuring principle H <sub>2</sub> O	built-in sensor	
			temperature and humidity	
			air	
Flow control	adaptive, from 0.25 l/min to 0.5 l/min			
air				
Working temperature	from 10°C to 40°C			
Protection index	IP55			
environment				
15	High-resolution spectroradiometer for measuring spectral properties of plants without the need to deliver samples to the laboratory allow collect complete information about the state and development of plants  <b>Model: Spectroradiometer Hi-Res NG ASD FieldSpec 4 or equivalent</b>	Spectral range	350-2500 nm	2
		Spectral resolution	3 nm at 700 nm	
			6 nm at 1400/2100 nm	
		Spectral sampling (bandwidth)	1.4 nm at 350-1000 nm	
			1.1 nm at 1001-2500 nm	
		Scan time	100 milliseconds	
		Ambient light specification	VNIR 0.02%, SWIR 1 and 2 0.01%	
		Wavelength reproducibility	0.1 nm ... 0.5 nm	
		Wavelength accuracy	VNIR 2X Solar, SWIR 10X Solar	
		Maximum Radiance	VNIR 1.0 X10 <sup>-9</sup> W/cm2/ nm /sr at 700 nm	
		Radiation Noise Equivalent ( NEDL )	SWIR 1 8.0 X10 <sup>-9</sup> W/cm2/ nm /sr at 1400 nm	
			SWIR 2 8.0 X10 <sup>-9</sup> W/cm2/ nm /sr at 2100 nm	
		Calibrations	Wavelength, absolute reflectivity, brightness*, illuminance*. All calibrations are tracked by NIST. (*radiometric calibrations are optional)	
		A computer	Laptop with 64-bit Windows® 10 (instrument controller)	
Detectors	VNIR detector (350–1000 nm ): 512 element silicon array			
	SWIR 1 detector (1001–1800 nm ): InGaAs photodiode with gradient refractive index, two-stage TE			
	Cooled detector SWIR 2 (1801–2500 nm ): InGaAs photodiode with gradient refractive index, two-stage TE cooled			
Accompanying documents English or Russian languages (passport, certificate, operation manual)				

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
16	<p>PNEUMATIC SEEDER A-300 Ensures accurate placement of each seed in the planting row. The fertilizer application system consists of a dosing roller for each row.</p> <p><b>Model «PLANTER-3M» 4-row or equivalent</b></p>	Number of rows at least	four	2
		Chassis width within , mm	2900	
		Distance between rows, mm	250-900	
		The volume of the bunker for seeds is not less than	liters 30	
		Fertilizer hopper capacity ,	at least 2x190 liters	
		PTO speed rpm	At least 540	
		Tractor power h.p.	Not less than 60	
17	<p><b>Mounted field sprayer Used for spraying drugs in chemical control of harmful insects</b></p> <p><b>Model: BADILLI CLASS 600 12m or equivalent</b></p>	Volume of the tank	Not less than 600 l	2
		Boom width	Not less than 12 m	
		Consumption	55-81 l, min	
		Regulator	4-position with the possibility of superstructure + pressure gauge	
		PTO rotation speed	At least 540 rpm	
		Fluid flow	55-81 liters per minute	
		Minimum tractor power	24 HP _	
		Accompanying documents English or Russian languages (passport, certificate, operation manual)		
18	<p><b>Wetting front detector (WFD) A device that detects moisture in a layer of soil</b></p>	The kit contains the following:		10
		red funnel ( x 2)		
		base part with steel strainer ( x 2)		
		black extension tubes ( x 5)		
		retaining ring ( x 2)		
		indicator cover ( x 2)		
		foam floats ( x 14)		
		green flexible tube ( x 2)		
		syringe ( x 1)		
		bag filtering sand (x1)		
		Accompanying documents (passport, certificate, operation manual)		

**ANNEX 1.1.: TECHNICAL REQUIREMENTS**

No.	Name/Description	Characteristics		Quantity, pcs.
		Description	Index	
19	<b>Water pump</b> centrifugal single stage for watering fields  <b>Model: Ebara 3DP4HSW/H 65-200/2,2R or equivalent</b>	Voltage	3~380V	1
		Engine power	<u>22 kW</u>	
		Engine frequency	– ~1450 or ~2900 rpm.	
		It creates a head from 1.4 to 70.0 m and operates with a capacity in the range from 3.0 to 138.0 m <sup>3</sup> /h.		
		Accompanying documents (passport, certificate, operation manual)		
20	Binocular digital microscope with monitor Designed for ichthyopathological research  <b>Model NLCD-370 or equivalent</b>	Built-in CMOS chip	at 5 MP	2
		Binocular head, tilt angle	30°	
		interpupillary distance	52-75mm	
		wide field eyepiece	WF10x/18	
		Revolving device	for 4 lenses	
		Coaxial screws for fine and coarse focusing with a range of movement	20 mm	
		9.7" touchscreen LCD monitor-tablet with Android OS and built-in mini microscope software.		
		Control can be carried out not only by touch, but also using the keyboard or mouse (not included), so it can be used as a small computer. Semi-planned achromatic objectives, optical system. Condenser Abbe NA 1,25.. S-LED lighting, dimmable. Output: USB 2.0., Mini HDMI, 3.5mm headphone jack. Software: S-EYE. WiFi , Bluetooth.		
		Accompanying documents English or Russian languages (passport, certificate, operation manual)		

## ANNEX 1.2.: DELIVERY REQUIREMENTS

<b>1. Delivery date and time</b>	Bidder shall deliver the goods during 60 calendar days after Contract signature.
<b>2. Delivery Terms (INCOTERMS 2020)</b>	CIP Tashkent, Uzbekistan
<b>3. Customs clearance (Must be linked to INCOTERM 2020)</b>	<input checked="" type="checkbox"/> UNDP
<b>4. Exact Address(es) of Delivery Location(s)</b>	United Nations Development Program (UNDP) Republic of Uzbekistan, 100029, Tashkent, st. Taras Shevchenko, 4
<b>5. Distribution of shipping documents (if using freight forwarder)</b>	N/A
<b>6. Packing Requirements</b>	Manufacturer/supplier standard packaging
<b>7. Training on Operations and Maintenance</b>	N/A
<b>8. Warranty Period</b>	The warranty period is a 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 the acceptance report and transfer of goods to end user on a "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.
<b>9. After-sales service and local service support requirements</b>	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 days.
<b>10. Preferred Mode of Transport</b>	Any: land; 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. <b>Legal entity certificate from the relevant authority (Enclose a copy).</b>		<input type="checkbox"/>	<input type="checkbox"/>
3. Bidder avails professional experience of organization in implementation of similar goods indicated in Terms of RFQ Reference. <b>Please provide at least three positive reference letters. (Enclose a copies)</b>		<input type="checkbox"/>	<input type="checkbox"/>
4. Bidder has at least three years of professional experience for provision of similar goods. <b>Please provide one-page background, credits, similar experience relevant to this requirement of the company's background.</b>		<input type="checkbox"/>	<input type="checkbox"/>
5. Bidder has a minimum of 3 purchase orders/contracts awarded for similar goods. <b>Please, enclose copies of purchase orders/contracts and contact addresses (e-mail) of clients whom the Bidder delivered similar goods.</b>		<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 <b>as per Annex 1.2. Delivery Requirements and After-Sales Requirements</b> as defined in requirements <b>no. 9 in Annex 1.2. page#9;</b>		<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</i> ): <b>not later than 60 calendar days</b> as defined in requirements <b>no. 1 in Annex 1.2. page #8</b> 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 <b>Quotes 60 calendar days as defined in requirements no. 17 in Section 2. Page#5</b> 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 <b>net 30 calendar</b> 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 ( <b>INCOTERMS</b> ) <b>CIP TASHKENT</b> as defined in requirements <b>no. 2 in Annex 1.2. page#8</b>		<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:	RFQ/062/22 – various equipment for cotton growing	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.		
<b>Previous relevant experience: 3 contracts</b>				
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"/>	<b>Requirements and Terms and Conditions:</b> I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Ethics:</b> In submitting this 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 : <a href="https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct">https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</a> and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Conflict of interest:</b> I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this 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"/>	<b>Prohibitions, Sanctions:</b> 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"/>	<b>Bankruptcy:</b> I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Offer Validity Period:</b> I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

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

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

### 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:	RFQ/062/22 – various equipment for cotton growing	Date: Click or tap to enter a date.

#### ANNEX 3.1. FINANCIAL OFFER-GOODS

#	Description	UO M	Qty	Model	Warrantyperiod	Manufacturer	Unit price	Total price
1	Digital soil testing kit for the analysis of the complex composition of the soil <b>Model Harvesto digital soil testing kit or equivalent</b> (please indicate the model type if you offer equivalent)							-
2	Precision balances For measuring soil and other samples with high accuracy <b>Model NV2201 or equivalent</b> (please indicate the model type if you offer equivalent)							-
3	Nitrate ionmeter in soil LAQUAtwin, Used to quickly determine the content of nitrates in the soil in the field <b>Model HORIBA LAQUAtwin B -743 or equivalent</b> (please indicate the model type if you offer equivalent)							-
4	Case for determination of nitrates in plants (Nitrachek) To determine the content of nitrates in plants and fruits, as well as water. <b>Model Nitrachek - 404 or equivalent</b> (please indicate the model type if you offer equivalent)							-
5	Spent pH/ E C-meter/conductivity meter/salinometer Designed to measure the concentration of alkalinity and acidity of the soil (p H), total salt content, specific electrical conductivity (SEC) and temperature of the aquatic environment <b>Model HI 991301 or equivalent</b> (please indicate the model type if you offer equivalent)							-
6	Potassium ion meter Used for rapid determination of potassium content in the field For analysis of soil, plant sap to evaluate the effectiveness of fertilizers and provide crops with nutrients (please indicate the model type if you offer equivalent) <b>Model HORIBA LAQUAtwin B -731 or equivalent</b> (please indicate the model type if you offer equivalent)							-

**ANNEX 3.1. FINANCIAL OFFER-GOODS**

<b>Item No</b>	<b>Description</b>	<b>UOM</b>	<b>Qty</b>	<b>Model</b>	<b>Warrantyperiod</b>	<b>Manufacturer</b>	<b>Unit price</b>	<b>Total price</b>
7	Chlorophyllmeter Measures leaf chlorophyll, an important indicator of plant health, without damaging the leaf. Non-destructive measurement of plant chlorophyll in the field <b>Model SPAD-502Plus or equivalent</b> (please indicate the model type if you offer equivalent)							-
8	Stationary ultrasonic water flow meter in open channels Designed to measure water flow in open channels in a non-contact way: flow speed and direction, data transmission to the control room for reporting and control <b>Model SLS -700F STREAMLUX or equivalent</b> (please indicate the model type if you offer equivalent)							-
9	Wireless Weather Station To detect wind speed, direction, precipitation, temperature, humidity, UV and solar radiation from an outdoor sensor array wirelessly, as well as barometric pressure, humidity and temperature from an indoor sensor <b>Model DAVIS Instruments Vantage Pro2 6163EU or equivalent</b> (please indicate the model type if you offer equivalent)							-
10	Soil moisture sensor Device for determining soil moisture and temperature <b>Model TDR310S or equivalent</b> (please indicate the model type if you offer equivalent)							-
11	Pheromone photo trap For biological protection of cotton from pests and remote monitoring of their distribution <b>Model iSCOUT or equivalent</b> (please indicate the model type if you offer equivalent)							-

**ANNEX 3.1. FINANCIAL OFFER-GOODS**

<b>Item No</b>	<b>Description</b>	<b>UOM</b>	<b>Qty</b>	<b>Model</b>	<b>Warrantyperiod</b>	<b>Manufacturer</b>	<b>Unit price</b>	<b>Total price</b>
12	Jingauz For separation a fiber from seeds <b>Model DW040 or equivalent</b> <i>(please indicate the model type if you offer equivalent)</i>							-
13	Portable digital refractometer for quick timing of watering when measuring plant cell sap <b>Model HI96800 or equivalent</b>							-
14	Photosynthesis monitor Permanent monitoring of photosynthesis makes it possible to optimize any adjustable parameters growing plants, most common of which are: in open ground: irrigation and application at fertilizers <b>Model PTM- 50 or equivalent</b> <i>(please indicate the model type if you offer equivalent)</i>							-
15	High resolution spectroradiometer for measuring spectral properties of plants without the need to deliver samples to the laboratory allow collect complete information about the state and development of plants <b>Model: Spectroradiometer Hi-Res NG ASD FieldSpec 4 or equivalent</b> <i>(please indicate the model type if you offer equivalent)</i>							-
16	PNEUMATIC SEEDER A-300 Ensures accurate placement of each seed in the planting row. The fertilizer application system consists of a dosing roller for each row. <b>Model «PLANTER-3M» 4-row or equivalent</b> <i>(please indicate the model type if you offer equivalent)</i>							-

**ANNEX 3.1. FINANCIAL OFFER-GOODS**

No.	Description	UOM	Qty	Model	Warranty period	Manufacturer	Unit price	Total price
17	Mounted field sprayer Used for spraying drugs in chemical control of harmful insects <b>Model BADILLI CLASS 600 12m or equivalent</b> (please indicate the model type if you offer equivalent)							-
18	Full stop Wetting front detector (WFD) A device that detects moisture in a layer of soil (please indicate the model type if you offer equivalent)							-
19	Water pump centrifugal single stage for watering fields <b>Model: Ebara 3DP4HSW/H 65-200/2,2R or equivalent</b> (please indicate the model type if you offer equivalent)							-
20	Binocular digital microscope with monitor Designed for ichthyopathological research <b>Model NLCD-370 or equivalent</b> (please indicate the model type if you offer equivalent)							-
Total Price								-
Transportation Price								
Insurance Price								
Other Charges (specify)								-
<b>Total Final and All-inclusive Price</b>								-



**ANNEX 3.2. CHECKLIST FOR COMPLIANCE WITH RFQ REQUIREMENTS**

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter-offer
Delivery Term (INCOTERMS) <b>CIP TASHKENT</b> as defined in requirements no. 2 in Annex 1.2. page#8	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time <b>within 60 (sixty) calendar days</b> as defined in requirement no. 1 in Annex 1.2. page #8	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty period <b>1 (one) year</b> as defined in requirements no. 8 in Annex 1.2. page#8;	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
After-Sales Requirements are defined in requirements no. 9 in Annex 1.2. page#9;	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms as defined in requirements no. <b>21 in Section 2. Page#5;</b>	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

**ANNEX 3.4. 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.	
<p><i>Exact name and address of company</i></p> <p>Company Name: Click or tap here to enter text.</p> <p>Address: Click or tap here to enter text.</p> <p>Click or tap here to enter text.</p> <p>Phone No.: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>	<p>Authorized Signature:</p> <p>Date: Click or tap here to enter text.</p> <p>Name: Click or tap here to enter text.</p> <p>Functional Title of Authorised Signatory: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>

#### ANNEX 4. CHECK-LIST FOR BIDDER.

The submission of the following documents is mandatory:

Item	Description	Checklist
1	<b>ANNEX1: TECHNICAL EVALUATION CRITERIA</b> —must be duly completed and signed	<input type="checkbox"/>
2	<b>ANNEX 2: QUOTATION SUBMISSION FORM</b> —must be duly completed and signed	<input type="checkbox"/>
3	<b>ANNEX 3.1. FINANCIAL OFFER-GOODS</b> —must be duly completed and signed;	<input type="checkbox"/>
4	<b>Legal entity certificate</b> from the relevant authority (enclose a copy) as defined in criterion no. 2 in ANNEX 1;	<input type="checkbox"/>
5	<b>Contact addresses</b> (e-mail) of clients whom the Bidder delivered similar goods as defined in criterion no. 5 in ANNEX 1;	<input type="checkbox"/>
6	At least <b>three (3) Purchase Orders/ contracts and contact addresses (e-mail) of clients whom the Bidder delivered similar goods</b> as defined in criterion no. 5 in ANNEX 1;	<input type="checkbox"/>
7	Please provide <b>at least three positive reference letters</b> as defined in criterion no. 3 in ANNEX 1 (Enclose a copies)	<input type="checkbox"/>
8	<b>Executive Summary</b> of the company's background, credits, and similar experience relevant to this requirement as defined in criterion no. 4 in ANNEX 1.	<input type="checkbox"/>