



REQUEST FOR QUOTATION (RFQ)

RFQ Reference: RFQ/011/21 – Supply and installation of Fodder Production Complex with production capacity of 6500 kg / day to Karakalpakstan.	Date: 23 February 2021
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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

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

Thank you and we look forward to receiving your quotations.

Issued by:

UNDP Uzbekistan Procurement Unit

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>18.00 (GMT 5+), 09 March 2021</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> <p><input type="checkbox"/> E-tendering</p> <p><input checked="" type="checkbox"/> Dedicated Email Address</p> <p><input checked="" type="checkbox"/> Courier / Hand delivery</p> <p>Bid submission address: 4, Taras Shevchenko Street, Tashkent city, 100029, Republic of Uzbekistan Procurement Unit</p> <p>Email 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: no more than 10 MB ▪ Mandatory subject of email: RFQ/011/21 – Supply and installation of Fodder Production Complex with production capacity of 6500 kg / day to Karakalpakstan ▪ 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.
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</p>

	<p>of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	<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 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"/> Liquidated Damages</p> <ul style="list-style-type: none"> - Penalty will be applied as percentage of contract price per day of delay: 0.1%, but up to maximum 20% of total contract value - Next course of action: penalty and termination of contract and return of advance payment if applicable <p><input checked="" type="checkbox"/> Cancellation of PO/Contract if amount of penalty for delay if delivery exceeds 20% from total contract value</p>
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p>

	<p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Currency of Quotation	<p>Quotations shall be quoted in</p> <p><input checked="" type="checkbox"/> Foreign companies : in USD.</p> <p><input checked="" type="checkbox"/> Local companies registered in Republic of Uzbekistan: in Uzbek soums (UZS).</p>
Joint Venture, Consortium or Association	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association.</p> <p>Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association.</p> <p>Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <p>a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</p> <p>b) they have the same legal representative for purposes of this RFQ; or</p> <p>c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process;</p> <p>d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or</p> <p>e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</p>
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <p><input checked="" type="checkbox"/> be 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>
Language of quotation	<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>
Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <p><input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed</p> <p><input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1</p>

	<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 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 2 clients in terms of Contract value in similar field;
Quotation validity period	<p>Quotations shall remain valid for 60 calendar days from the deadline for the Submission of Quotation.</p> <p>In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.</p>
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
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted
Payment Terms	<input checked="" type="checkbox"/> 100% within 30 days after delivery and acceptance of goods by UNDP
Conditions for Release of Payment	<input checked="" type="checkbox"/> Passing Inspection. Complete Installation <input checked="" type="checkbox"/> Completion of Training on Operation and Maintenance: Republic of Karakalpakstan, Bozataw district, Rural gathering of citizens "Kuskana Tau" <input checked="" type="checkbox"/> Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements
Contact Person for correspondence, notifications and clarifications	<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>
Clarifications	Requests for clarification from bidders will not be accepted any later than 3 calendar days before the submission deadline. Responses to request for clarification will be communicated within 3 days by Email.
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer.
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 checked="" type="checkbox"/> Comprehensiveness of after-sales services <input checked="" type="checkbox"/> Earliest Delivery /shortest lead time
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 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-

at time of award	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
Expected date for contract award.	31 March 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.
Additional requirement for Construction Bids	<input checked="" type="checkbox"/> All work must work in accordance with the requirements for health, safety and environmental protection of the Republic of Uzbekistan <input checked="" 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 checked="" type="checkbox"/> The contractor is responsible for the disposal of all waste in accordance with the legislation of the Republic of Uzbekistan
Additional requirement for Environmental protection	<input checked="" type="checkbox"/> Suppliers must offer products with the lowest greenhouse and carbon dioxide emissions

ANNEX 1: SCHEDULE OF REQUIREMENTS

Technical Specifications for Goods:

Fodder Production Complex with production capacity of 6500 kg / day			
Item No	Minimum technical requirements	Unit	Quantity
1	<p>Portable Hydroponic Unit with a production capacity of 1000 kg/day (container type):</p> <p>Multi-tiered hydroponic system: Production capacity – 1000 kg/day. Placed in containers-grow boxes: 2 pcs. Overall dimensions of the container: Length: 12.2-13.7 m. Width: 2.4-2.5 m. Height: 2.6-2.9 m. Overall dimensions of the complex: Length: 12.2 - 13.7 m. Width: 5 - 5.5 m. Height: 2.6 - 2.9 m. Thermal and hydro insulation: Provided by covering the walls and ceilings inside the plant with combined sandwich panels with a thickness of 45-50 mm Internal partitions and walls: Covered with anti-corrosive paint outside. Floor: Covered with epoxy paint, with slotted gutters. Doors: Made from an aluminium profile: 2000 x 900 mm – 2 pcs. Window: Made from an aluminium profile: 1800 x 500 mm – 4 pcs. Shelving unit: Made from an anodized aluminium profile, with a wall thickness of no less than 1,8 mm. Equipped with a PP piping system for even water supply, with detachable horizontal sprayers: Sprayer capacity: 50-120 l / h Working radius: 360 degrees Irrigation diameter: 1.5-2 meters Daily rate of grain consumption: 200-220 kg. The amount of finished product per 1 kg of laid grain: 4-6 kg of green biomass. Overall germination cycle: No more than 6-7 days.</p> <p>Power supply system: - Voltage stabilizer 75 Kv / A - Electrical panel with circuit breaker - Voltage regulator - Waterproof electrical cable (wire)</p> <p>Shelving unit lighting system for germination:</p>	set	1

	Waterproof LED phyto lamps - 32 pcs.		
	Lighting system for working area: Waterproof lamps with LED fluorescent lamps - 8 pcs.		
	Automatic control system for all operations: Automatic control unit with a touch panel, designed for monitoring and controlling the irrigation system, water temperature, water ozonation, water level, room temperature and humidity, lighting and fresh air supply to the unit's room.		
	Air conditioning and climate control: Ductable air conditioner BTU 48 (British thermal unit): Production capacity – not less than 700 – 1000 m ³ / h. Power consumption within 4-6 kW. Designed to ensure optimal microclimate and fresh air supply, as well as to maintain the required CO ₂ level. Operating temperature range: -15 ÷ + 60 ° C; Air duct system made of plastic pipes with a diameter of 200 mm; serves for uniform air supply and distribution inside the unit		
	Air purification system Pocket Air Filters - 2 pcs.		
	An inlet air disinfection system: Germicidal lamps 6 pcs, length 1500 mm, 220 V, 50 W, temperature range -20 to +40, 100 LM / W		
	Air temperature and humidity control system, equipped with sensors: - Control of air humidity - Air temperature control Application: Control of the applied temperature and humidity modes The sensor set must include a set of shielded connection cables with a nominal electrical resistance up to 15 Ohm		
	Air recuperation and exchange system: Recuperator with a capacity of 200 m ³ / h Power consumption 0.75 kW / h Equipped with air ducts d 150 mm		
	Heating system in winter: Fan heater "Volcano" or analogue. powered by a double-circuit gas boiler		
	Hot water supply system in winter: Double-circuit gas boiler;		
	Water heating system: - Tubular electric heaters with a power capacity of 2 kW installed in each tank, controlled in automatic mode. - Water temperature control sensor;		
	Water filtration system: Filters for water purification from mechanical impurities;		

	Water aeration system: -Aerator for water aerating in tanks for irrigation by supplying air through special diffusers;		
	Water ozonation system: Ozone generator with capacity: up to 20 g O3 per hour;		
	Water and grain disinfection system: Hydrolysis unit for generating sodium hypochlorite		
	A system ensuring even irrigation: - Electrovalves to control irrigation in automatic mode. - Manometer for monitoring water pressure in the irrigation system.		
	Water drainage system		
	Saltwater purification system: - Installation of a reverse osmosis system with a capacity of 500 l / h.		
	Grain cleaning system: Grain cleaner with a capacity of 500 kg / hour.		
	Grain washer: A washing container for grains equipped grain sparging and moistening systems		
	Automatic grain sparging system: -Placed on the container for grain moistening PP piping d 25 mm for the supply of air under pressure in automatic mode. - Booster pump for air supply to PP-piping, power consumption 0.55 kW / h, capacity 110 m3 per hour		
	Grain moistening system after sparging: -Placed on the container for grain moistening PP piping with sprinklers for water supply from the pump to moisten the grain in automatic mode. - Centrifugal pump, power consumption from 0.75 to 1.2 kW / h, single phase		
	Planting system for germinated grain: - wear-resistant polypropylene pallet (630-700) x (375-400) x (50-60) mm.		
2	Vitamin-herbal granule production line with a capacity of 4000 kg/day:	set	1
	40-foot container with thermal and hydro insulation		
	Grass grinder: Capacity 300-400 kg per hour, 3 kW, 380 V, 50-60 Hz		
	Grinder for hydroponic green fodder: Capacity 400 kg per hour, 3 kW, 380 V, loading capacity from 50-100 kg/cycle.		
	Horizontal mixer: bunker volume - 1-1.5 m3,		

	power consumption- 6-9 kW, production capacity- up to 500 kg / h, loading capacity - up to 150 kg/cycle, mixing time - 3 min, homogeneity - 95-98%.		
	Dryer: Capacity - 200 kg per hour power - 10 kW.		
	Granulator: Capacity - 200-300 kg per hour Total power consumption - 12 kW / hour Granule size - not less than 6 and more than 10 mm		
	Electric bag closer sewing machine: Dimensions and weight - 268 x 160 x 330 mm, weight up to 10 kg. Production capacity - 30-40 bags / hour. The thickness of the sewn material - up to 8 mm. Engine power - 90 W. Lubrication - manual.		
	Scales for weighing bags on packaging: Overall dimensions - 820x615x610 mm Weight capacity – no less than 70 kg Accuracy – no more than 0,2% Productivity – 420 bags/hour Weight of the scales – no more than 80 kg.		
3	Fermented protein feed production line with a capacity of 1000-1500 kg/day.	set	1
	Fermentation Vessel equipped with thermometer: Form – rectangular Made from – painted metal Construction height 1800-1900 mm Vessel dimensions 750 x 750 x 750 mm		
	Reduction drive: Rotation - 3000 rpm.		
	Electric motor: 11-13 kW, three-phase, 1500 rpm		
	Mechanical rotary valve: d 50 mm		
	Storage tank for finished products: Material - plastic Volume -1 m3		
	Grain auger: Rotation speed - from 20 to 90 rpm Capacity - 0.5 m3 / hour		
	Enzyme preparation: Amount – not less than 150kg (annual volume)		

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall deliver the goods 80 calendar days after Contract signature.
Delivery Terms (INCOTERMS 2020)	<input checked="" type="checkbox"/> DDP Karakalpakstan, Uzbekistan for earlier imported goods or local products. <input checked="" type="checkbox"/> DAP Karakalpakstan, Uzbekistan for international suppliers registered outside of Uzbekistan.
Customs clearance (must be linked to INCOTERM)	<input checked="" type="checkbox"/> Customs clearance , if needed, shall be done by UNDP for Foreign Suppliers (Company registered outside Uzbekistan)
Exact Address(es) of Delivery Location(s)	Republic of Karakalpakstan, Bozataw district, Rural gathering of citizens “Kuskana Tau”
Distribution of shipping documents (if using freight forwarder)	Goods are supposed to be exported to the end-user with invoice (2 originals) and packing list (2 originals), with other quality confirmation documents if required. In addition, all documents under INCOTERMS 2020.
Packing Requirements	<input checked="" type="checkbox"/> Standard factory packaging
Training on Operations and Maintenance	<input checked="" type="checkbox"/> Required
Warranty Period	<input checked="" type="checkbox"/> Warranty on Goods and spare parts for a minimum period of 12 consecutive months;
After-sales service and local service support requirements	<input checked="" type="checkbox"/> Technical Support; <input checked="" type="checkbox"/> Elimination of inconsistencies and malfunctions during the warranty period, including delivery and replacement; replacement with completely new item if the delivered one does not comply with the Specification or cannot be repaired.
Preferred Mode of Transport	<input checked="" type="checkbox"/> LAND <input checked="" type="checkbox"/> SEA

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/011/21 – Supply and installation of Fodder Production Complex with production capacity of 6500 kg / day to Karakalpakstan.	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	<input type="checkbox"/> Yes <input type="checkbox"/> No

empowerment, renewable energies or membership of trade 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.

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

Signature: _____

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their 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/011/21 – Supply and installation of Fodder Production Complex with production capacity of 6500 kg / day to Karakalpakstan.	Date: Click or tap to enter a date.

Currency of the Quotation: Click or tap here to enter text.					
INCOTERMS: Click or tap here to enter text.					
Fodder Production Complex with production capacity of 6500 kg / day					
Item No	Description	UO M	Qty	Unit price	Total price
1.	Portable Hydroponic Unit with a production capacity of 1000 kg/day (container type)	Set	1		
2.	Vitamin-herbal granule production line with a capacity of 4000 kg/day	Set	1		
3.	Fermented protein feed production line with a capacity of 1000-1500 kg/day.	set	1		
Total Price for 1 set of Complex:					
Transportation Price:					
Cost of installation on Turnkey basis, commissioning, training: Republic of Karakalpakstan, Bozataw district, Rural gathering of citizens “Kuskana Tau”					
Other Charges (specify)					
Total Final and All-inclusive Price					

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 2020)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time - 80 calendar days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty and After-Sales Requirements - 12 months	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation – 60 days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
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Other Information:

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

Technical compliance of the offered goods:

Description / Specifications of Goods (required by UNDP)		Description / Specifications of Goods (offered by Supplier) ¹ Please indicate parameters of the offered goods Please indicate for the offered goods: Model: _____ Manufacturer: _____ Country of origin: _____	
Fodder Production Complex with production capacity of 6500 kg / day			
Portable Hydroponic Unit with a production capacity of 1000 kg/day (container type)			
Multi-tiered hydroponic system:		Multi-tiered hydroponic system:	
Production capacity	1000 kg/day.	Production capacity	Click or tap here to enter text.
Placed in containers-grow boxes:	2 pcs	Placed in containers-grow boxes:	Click or tap here to enter text.
Overall dimensions of the container:		Габариты контейнера	
Length:	12.2-13.7 m.	Length:	Click or tap here to enter text.
Width:	2.4-2.5 m.	Width:	Click or tap here to enter text.
Height:	2.6-2.9 m.	Height:	Click or tap here to enter text.

¹ Please provide description of offered product, model and brand name, that must meet minimum technical specifications provided in Annex 1 above

Overall dimensions of the complex:		Габариты комплекса	
Length:	12,2 – 13,7 m;	Length:	Click or tap here to enter text.
Width:	5 – 5,5 m;	Width:	Click or tap here to enter text.
Height:	2,6 – 2,9 m;	Height:	Click or tap here to enter text.
Thermal and hydro insulation:		Thermal and hydro insulation:	
Provided by covering the walls and ceilings inside the plant with combined sandwich panels with a thickness of:	45-50 mm	Provided by covering the walls and ceilings inside the plant with combined sandwich panels with a thickness of:	Click or tap here to enter text.
Internal partitions and walls:		Internal partitions and walls:	
Covered outside with:	anti-corrosive paint	Covered outside with:	Click or tap here to enter text.
Floor:		Floor:	
Covered with	epoxy paint, with slotted gutters.	Covered with	Click or tap here to enter text.
Doors:		Doors:	
Material	an aluminium profile	Material	Click or tap here to enter text.
Dimensions	2000 x 900 mm	Dimensions	Click or tap here to enter text.
Amount	2 pcs.	Amount	Click or tap here to enter text.
Window:		Window:	
Material	an aluminium profile	Material	Click or tap here to enter text.
Dimensions	1800 x 500 mm	Dimensions	Click or tap here to enter text.
Amount	4 pcs.	Amount	Click or tap here to enter text.
Shelving unit:		Shelving unit:	
Material	anodized aluminium profile	Material	Click or tap here to enter text.

Wall thickness	no less than 1,8 mm.	Wall thickness	Click or tap here to enter text.
Equipped with a PP piping system for even water supply, with detachable horizontal sprayers:		Equipped with a PP piping system for even water supply, with detachable horizontal sprayers:	
Sprayer capacity:	50-120 l / h	Sprayer capacity:	Click or tap here to enter text.
Working radius:	360 degrees	Working radius:	Click or tap here to enter text.
Irrigation diameter:	1.5-2 meters	Irrigation diameter:	Click or tap here to enter text.
Другие параметры		Другие параметры	
Daily rate of grain consumption	200-220 kg.	Daily rate of grain consumption	Click or tap here to enter text.
The amount of finished product per 1 kg of laid grain:	4-6 kg of green biomass.	The amount of finished product per 1 kg of laid grain:	Click or tap here to enter text.
Overall germination cycle:	No more than 6-7 days.	Overall germination cycle:	Click or tap here to enter text.
Power supply system:		Power supply system:	
Voltage stabilizer	75 Kv/A	Voltage stabilizer	Click or tap here to enter text.
Electrical panel with circuit breaker	1 комплект	Electrical panel with circuit breaker	Click or tap here to enter text.
Voltage regulator	1 комплект	Voltage regulator	Click or tap here to enter text.
Waterproof electrical cable (wire)	1 комплект	Waterproof electrical cable (wire)	Click or tap here to enter text.
Shelving unit lighting system for germination:		Shelving unit lighting system for germination:	
Waterproof LED phyto lamps	32 pcs.	Waterproof LED phyto lamps	Click or tap here to enter text.
Lighting system for working area:		Lighting system for working area:	
Waterproof lamps with LED fluorescent lamps	8 pcs.	Waterproof lamps with LED fluorescent lamps	Click or tap here to enter text.
Automatic control system for all operations:		Automatic control system for all operations:	
Automatic control unit with a touch panel, designed for monitoring and controlling the irrigation system, water temperature, water ozonation, water level, room		Automatic control unit with a touch panel, designed for monitoring and controlling the irrigation system, water temperature, water	

temperature and humidity, lighting and fresh air supply to the unit's room.		ozonation, water level, room temperature and humidity, lighting and fresh air supply to the unit's room.	
Air conditioning and climate control:		Air conditioning and climate control:	
Ductable air conditioner	BTU 48 (British thermal unit)	Ductable air conditioner	Click or tap here to enter text.
Production capacity	not less than 700 – 1000 m ³ / h.	Production capacity	Click or tap here to enter text.
Power consumption	within 4-6 kW.	Power consumption	Click or tap here to enter text.
Application	Designed to ensure optimal microclimate and fresh air supply, as well as to maintain the required CO ₂ level.	Application	Click or tap here to enter text.
Operating temperature range	-15 ÷ +60 °C;	Operating temperature range	Click or tap here to enter text.
Air duct system made of plastic pipes with a diameter of:	200 mm;	Air duct system made of plastic pipes with a diameter of:	Click or tap here to enter text.
Air purification system		Air purification system	
Pocket Air Filters	2 pcs.	Pocket Air Filters	Click or tap here to enter text.
An inlet air disinfection system:		An inlet air disinfection system:	
Germicidal lamps (220 V, 50 W)	6 шт	Germicidal lamps (220 V, 50 W)	Click or tap here to enter text.
Length	1500 mm	Length	Click or tap here to enter text.
temperature range	от -20 до +40, 100 LM/W	temperature range	Click or tap here to enter text.
Air temperature and humidity control system,		Air temperature and humidity control system,	
equipped with sensors:	- Control of air humidity - Air temperature control	equipped with sensors:	Click or tap here to enter text.
Application:	Control of the applied temperature and humidity modes The sensor set must include a set of shielded connection cables with a	Application:	Click or tap here to enter text.

	nominal electrical resistance up to 15 Ohm		
Air recuperation and exchange system:		Air recuperation and exchange system:	
Recuperator with a capacity	200 m ³ / h	Recuperator with a capacity	Click or tap here to enter text.
Power consumption	0.75 kW / h	Power consumption	Click or tap here to enter text.
Equipped with air ducts	d 150 mm	Equipped with air ducts	Click or tap here to enter text.
Heating system in winter:		Heating system in winter:	
Fan heater	"Volcano" or analogue	Fan heater	Click or tap here to enter text.
powered by	a double-circuit gas boiler	powered by	Click or tap here to enter text.
Hot water supply system in winter:		Hot water supply system in winter:	
Double-circuit gas boiler;		Click or tap here to enter text.	
Water heating system:		Water heating system:	
Tubular electric heaters installed in each tank, controlled in automatic mode. with a power capacity of	2 kW	Tubular electric heaters installed in each tank, controlled in automatic mode. with a power capacity of	Click or tap here to enter text.
Equipped with	Water temperature control sensor	Equipped with	Click or tap here to enter text.
Water filtration system:		Water filtration system:	
Filters for water purification from mechanical impurities.		Click or tap here to enter text.	
Water aeration system:		Water aeration system:	
Aerator for water aerating in tanks for irrigation by supplying air through special diffusers;		Click or tap here to enter text.	
Water ozonation system:		Water ozonation system:	
Ozone generator with capacity:	up to 20 g O ₃ per hour;	Ozone generator with capacity:	Click or tap here to enter text.
Water and grain disinfection system:		Water and grain disinfection system:	
Hydrolysis unit for generating sodium hypochlorite		Click or tap here to enter text.	

A system ensuring even irrigation:		A system ensuring even irrigation:	
Electrovalves to control irrigation in automatic mode.		Click or tap here to enter text.	
Manometer for monitoring water pressure in the irrigation system.		Click or tap here to enter text.	
Water drainage system		Click or tap here to enter text.	
Saltwater purification system:		Saltwater purification system:	
Installation of a reverse osmosis system with a capacity	500 l / h.	Installation of a reverse osmosis system with a capacity	Click or tap here to enter text.
Grain cleaning system:		Grain cleaning system:	
Grain cleaner with a capacity	500 kg / hour.	Grain cleaner with a capacity	Click or tap here to enter text.
Grain washer:		Grain washer:	
A washing container for grains equipped grain sparging and moistening systems		Click or tap here to enter text.	
Automatic grain sparging system:		Automatic grain sparging system:	
Placed on the container for grain moistening PP piping		Click or tap here to enter text.	
PP piping diameter	25 mm	PP piping diameter	Click or tap here to enter text.
Application	the supply of air under pressure in automatic mode	Application	Click or tap here to enter text.
Booster pump for air supply to PP-piping		Booster pump for air supply to PP-piping	
power consumption	0.55 kW / h	power consumption	Click or tap here to enter text.
capacity	110 m3 per hour	Capacity	Click or tap here to enter text.
Grain moistening system after sparging:		Grain moistening system after sparging:	
PP piping with sprinklers		Click or tap here to enter text.	
Application	water supply from the pump to moisten the grain in automatic mode.	Application	Click or tap here to enter text.
Centrifugal pump		Centrifugal pump	
power consumption	from 0.75 to 1.2 kW / h, single phase	power consumption	Click or tap here to enter text.

Planting system for germinated grain:		Planting system for germinated grain:	
wear-resistant polypropylene pallet	(630-700) x (375-400) x (50-60) mm;	wear-resistant polypropylene pallet	Click or tap here to enter text.
Automatic water level control system:		Automatic water level control system:	
Electronic water level controller - prevents the irrigation pump from functioning in case the lack of water in the tanks.		Click or tap here to enter text.	
Water Level Controller:		Water Level Controller:	
Mechanical float– stops the water supply into the tank when the required water level is reached.		Click or tap here to enter text.	
Irrigation water supply system:		Irrigation water supply system:	
-Water tank with an equipment for water treatment - Centrifugal pump, power consumption from 3 to 5 kW / hour, three-phase.		Click or tap here to enter text.	
Water supply system:		Water supply system:	
-Storage tank for storing the water supplied for irrigation – 1 set Capacity – 3 m3. -Storage tank for water circulation 3 m3. -Centrifugal pump-2 pcs., 2-2.5 kW / h -Electric Water Level Controller (electric float) - 2 pcs - Water filter- 2 pcs.		Click or tap here to enter text.	
Vitamin-herbal granule production line with a capacity of 4000 kg/day			
40-foot container with thermal and hydro insulation		Click or tap here to enter text.	
Grass grinder: Capacity 300-400 kg per hour, 3 kW, 380 V, 50-60 Hz		Click or tap here to enter text.	
Grinder for hydroponic green fodder: Capacity 400 kg per hour, 3 kW, 380 V, loading capacity from 50-100 kg/cycle.		Click or tap here to enter text.	
Horizontal mixer: bunker volume - 1-1.5 m3, power consumption- 6-9 kW, production capacity- up to 500 kg / h, loading capacity - up to 150 kg/cycle, mixing time - 3 min, homogeneity - 95-98%.		Click or tap here to enter text.	
Dryer: Capacity - 200 kg per hour		Click or tap here to enter text.	

power - 10 kW.	
Granulator: Capacity - 200-300 kg per hour Total power consumption - 12 kW / hour Granule size - not less than 6 and more than 10 mm	Click or tap here to enter text.
Electric bag closer sewing machine: Dimensions and weight - 268 x 160 x 330 mm, weight up to 10 kg. Production capacity - 30-40 bags / hour. The thickness of the sewn material - up to 8 mm. Engine power - 90 W. Lubrication - manual.	Click or tap here to enter text.
Scales for weighing bags on packaging: Overall dimensions - 820x615x610 mm Weight capacity – no less than 70 kg Accuracy – no more than 0,2% Productivity – 420 bags/hour Weight of the scales – no more than 80 kg.	Click or tap here to enter text.
40-foot container with thermal and hydro insulation	Click or tap here to enter text.
Fermented protein feed production line with a capacity of 1000-1500 kg/day.	
Fermentation Vessel equipped with thermometer: Form – rectangular Made from – painted metal Construction height 1800-1900 mm Vessel dimensions 750 x 750 x 750 mm	Click or tap here to enter text.
Reduction drive: Rotation - 3000 rpm.	Click or tap here to enter text.
Electric motor: 11-13 kW, three-phase, 1500 rpm	Click or tap here to enter text.
Mechanical rotary valve: d 50 mm	Click or tap here to enter text.
Storage tank for finished products: Material - plastic Volume -1 m3	Click or tap here to enter text.
Grain auger: Rotation speed - from 20 to 90 rpm Capacity - 0.5 m3 / hour	Click or tap here to enter text.
Enzyme preparation: Amount – not less than 150kg (annual volume)	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 NameClick or tap here to enter text.	Authorized Signature: Date:Click or tap here to enter text.

<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>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>
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