



REQUEST FOR QUOTATION (RFQ)
**Supply, Delivery, Installation, Testing and Commissioning of Cooling
Chambers FOR COOPERATIVES of CMDP Project sites**

RFQ Reference: NPL10-37-2021

Date: 10 September 2021

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:

Irene Kajuna

Signature: _____

Name: Irene Kajuna

Title: Procurement Associate

Date: 10 September 2021

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>5.30 pm Nepal Time, 26 September 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 checked="" type="checkbox"/> E-tendering</p> <p><input type="checkbox"/> Dedicated Email Address</p> <p><input type="checkbox"/> Courier / Hand delivery</p> <p><input type="checkbox"/> Other Click or tap here to enter text.</p> <p>Bid submission address: https://etendering.partneragencies.org, Event ID No. NPL10-37-2021</p> <ul style="list-style-type: none"> ▪ File Format: PDF Format ▪ 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: 35 MB ▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible. <p>For eTendering method, click the link https://etendering.partneragencies.org and insert Event ID information</p> <ul style="list-style-type: none"> • Insert BU Code and Event ID number: NPL10-37-2021 <p>In case your company is not registered in the e-Tendering Module, please use the following temporary username and password to register your company/firm: Username: event.guest Password: why2change</p> <p>Bidders who will be registered on the e-Tendering will be able to download the complete bidding documents from the e-Tendering website at: https://etendering.partneragencies.org. Bidders can download the complete tender documentation from the e-Tendering upon registration.</p> <p>Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources</p>
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>

Supplier Code of Conduct, Fraud, Corruption,	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an_dinvestigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p>Select the applicable GTC:</p> <p><input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions for Contract.</p> <p><input type="checkbox"/> General Terms and Conditions for de minimis contracts (services only, less than \$50,000)</p> <p><input type="checkbox"/> General Terms and Conditions for Works</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input type="checkbox"/> Cancellation of PO/Contract if the service is delayed by [XXX days]</p> <p><input type="checkbox"/> Others []</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	Quotations shall be quoted in Nepalese Rupees
Joint Venture, Consortium or Association	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. Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.
Only one Bid	The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association. Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following: a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or b) they have the same legal representative for purposes of this RFQ; or 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; 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 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.
Duties and taxes	Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below: All prices must: <input checked="" type="checkbox"/> be inclusive of VAT and other applicable indirect taxes <input type="checkbox"/> be exclusive of VAT and other applicable indirect taxes
Language of quotation	English Including documentation including catalogues, instructions and operating manuals.
Documents to be submitted	Bidders shall include the following documents in their quotation: <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Company Profile <input checked="" type="checkbox"/> Registration certificate <input checked="" type="checkbox"/> Tax registration and the latest tax clearance certificate <input checked="" type="checkbox"/> Audit Reports for the last 3 years <input checked="" type="checkbox"/> List and value of similar projects/services performed for the last three year services plus client's contact details who may be contacted for further information on those contracts <input checked="" type="checkbox"/> Certificate of Distributorship in the Country or Letter of Manufacturer's Authorization (If applicable, and If Supplier is not the manufacturer) <input checked="" type="checkbox"/> Letter from the manufacturer stating availability of spare parts for the next five years. <input checked="" type="checkbox"/> Confirmation on provision of support service for maintenance/ repair for the next 5 years after installation

	<input checked="" type="checkbox"/> Minimum 3 Cooling Chambers of 100 MT capacity and 25 Cooling Chambers of 1000 cft capacity implemented over last three years. Experience letter for the same shall be submitted mandatorily. <input checked="" type="checkbox"/> Quality Certificates (ISO, etc.) for machine and the PIR panels shall be submitted separately. <input checked="" type="checkbox"/> Written self -declaration of having proper service centres set up with minimum team of 5 technicians. At least 2 of them shall have been trained from the machine manufacturer. Training certificate or letter from the machine manufacturer for the same is mandatory. <input checked="" type="checkbox"/> Names and curriculum vitae of individuals who will be involved in completing the installation, commissioning of the Cooling Chambers and training <input checked="" type="checkbox"/> Proposed Implementation Schedule <input checked="" type="checkbox"/> Product brochure and specifications, and related documents <input checked="" type="checkbox"/> All Relevant Certificates <input checked="" type="checkbox"/> Provide warranty on parts and labor for minimum period of 1 year <input checked="" type="checkbox"/> Minimum Average Annual Turnover of NPR 34,000,000.00 (In words – Nepali rupees thirty four million only)
Quotation validity period	Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
Partial Quotes	<input checked="" type="checkbox"/> Permitted Bidders can submit price for item 1 or item 2 or item 3, or item 4, or item 5, or a combination of all five items. See price schedule form. "However, bidders will not be allowed to provide quote on partial basis of each item. For instance, if for item 1 the quantity required is 3, bidders will have to submit a price for all 3 cooling chambers and not less. The partial quote within a lot will not be allowed."
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted <input type="checkbox"/> Permitted
Payment Terms	<input checked="" type="checkbox"/> Lump-sum basis <input type="checkbox"/> Other Click or tap here to enter text.
Conditions for Release of Payment	<input type="checkbox"/> Passing Inspection (as mentioned in the specifications), Complete Installation <input checked="" type="checkbox"/> Passing all Testing <input type="checkbox"/> Satisfactory Performance on Monthly basis <input checked="" type="checkbox"/> Written Acceptance of Installation and commissioning of Cooling Chambers based on full compliance with RFQ requirements

	<input type="checkbox"/> Others
Contact Person for correspondence, notifications and clarifications	E-mail address: query.procurement.np@undp.org Attention: Quotations shall not be submitted to this address but to the address for quotation submission above. Otherwise, offer shall be disqualified. Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
Clarifications	Requests for clarification from bidders will not be accepted any later than 9 days before the submission deadline. Responses to request for clarification will be communicated by posting queries and UNDP responses in UNDP procurement page by 5:30pm Nepal Time, 17 September 2021.
Evaluation method	<input checked="" type="checkbox"/> The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer for each segment. <input type="checkbox"/> Other Click or tap here to enter text.
Evaluation criteria	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract <input checked="" type="checkbox"/> Comprehensiveness of after-sales services <input checked="" type="checkbox"/> After-sale services Requirements - <input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of One year <input checked="" type="checkbox"/> Technical Support for minimum period of 5 years (1 year under warranty coverage plus 4 years of chargeable service) <input type="checkbox"/> Others Click or tap here to enter text.
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	<input checked="" type="checkbox"/> Purchase Order <input type="checkbox"/> Contract Face Sheet (Goods and-or Services) (this template is also utilised for Long-Term Agreement) and if an LTA will be signed, specify the document that will trigger the call-off. E.g., PO, etc.) <input type="checkbox"/> Contract for Works <input type="checkbox"/> Other Type/s of Contract
Expected date for contract award.	By October 15, 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.

ANNEX 1: SCHEDULE OF REQUIREMENTS1. Supply, Delivery, Installation & Commissioning of Cooling Chamber for *Banana*:

S. No.	Criteria	Requirement	Offered Specification	Brand Proposed
1	External Room Dimensions (Lx W x H) in Feet	12' x 12' x 10'		
2	Product	Banana		
3	Room Temperature Reqd.	+2 to +20 Deg C		
6	Storage Pattern	Crates & Pallets		
7	Maximum Ambient Temp	+45 Deg. C		
8	Product Entering Temp	+14 to +18 Deg C		
9	Pull Down Time	24 HRs		
10	Wall & Ceiling Panels Insulation thickness	80 mm PPGI/PPGI with 0.5 mm sheet PIR panels for wall and ceiling with Density of 45 Kgs / m³ Continuous Panels having male female groove of 1" or more. PIR PANELS SHOULD BE MADE WITH 1100MM SHEET WIDTH FOR ENHANCED COMPRESSIVE AND BENDING STRENGTH		
11	Panel Density	45± 2 per M ³		
12	Thermal Conductivity of Panel	0.018 K.cal/m.hr0c		
13	Floor Insulation	80 mm PIR Panel with 1.6 mm Aluminum chequered sheet on the top.		
14	Adhesion Strength	2.9 Kd/Cm ² foam to steel		
15	Water Absorption	Less than 2%		
12	Door Type & Size	1200 x 2100 x 80mm Sliding door having sheet thickness of 0.6mm		
13	No of Door's	1 nos: 1200 x 2100 x 60mm Sliding door of 200gsm sheet with Thickness of 0.6mm .Door with imported Accessories, with emergency Lock opener from inside & SS Kick Plate both sides		

15	Panel Finish	PPGI, with 120 Sheet GSM and 0.5mm sheet thickness both side	
16	Machine Make	Branded	
17	Cooling Capacity of Refrigeration Unit in HP	20,000 BTUH X 1 set each room	
18	No of Fans in Indoor unit	350mm x 3 Fans in indoor unit	
19	Air Volume / Air Flow	3900 CFM @ 25 Pascal Static Pressure	
20	Humidifier	4 Ltrs per hr capacity	
22	Compressor Type	Hermetic Reciprocating Compressor	
	Machine Refrigeration Capacity	5.50 KW @ -5 Deg. c. SST & 50 Deg. C Condensing temperature	
	Condensing unit Specification	Machine to come fitted with 5/8" Suction valve, 1/2" Discharge Line & 3/8" Liquid Line. Machine should have factory fitted suction accumulator, Filter Drier, HP-LP, & Electrical control panel including MCB, Contractor & Phase sequence controller (Should be fit in single phase system)	
18	Total Number of machines in each room	1 Set	
19	Power Consumption per Unit	3.0 Kw each machine	
20	Defrosting	Air Defrost (Auto)	
21	Refrigerant	R-404 A	
22	Electricity Supply	410V / 3 Phz / 50 Hz	
23	Cold Room Lights	IP 65 approved- Light fittings- 2 numbers per chamber.	

Note: Above all items are not available in same markets. So vender need to assemble different items from different market to make it complete.

2. Supply, Delivery, Installation & Commissioning of Cooling Chamber for **Mushroom**:

S. No.	Criteria	Requirement	Offered Specification	Brand Proposed
1	External Room Dimensions (Lx W x H) in Feet	40' x 18' x 12'		
2	Product	Mushroom		
3	Room Temperature Reqd.	+14 to +20 Deg C		
6	Storage Pattern	Racks		
7	Maximum Ambient Temp	+45 Deg. C		
8	Product Entering Temp	+14 to +18 Deg C		
9	Pull Down Time	Up to 72 HRs		
10	Wall & Ceiling Panels Insulation thickness	80 mm PPGI/PPGI with 0.5 mm sheet PIR panels for wall and ceiling with Density of 45 Kgs / m³ Continuous Panels having male female groove of 1" or more. PIR PANELS SHOULD BE MADE WITH 1100MM SHEET WIDTH FOR ENHANCED COMPRESSIVE AND BENDING STRENGTH		
11	Thermal Conductivity of Panel	0.018 K.cal/m.hr0c		
12	Floor Insulation	Not required		
13	Adhesion Strength	2.9 Kd/Cm ² foam to steel		
14	Water Absorption	Less than 2%		
15	Door Type & Size	1 nos: 1200 x 2100 x 80mm Sliding door of 200gsm sheet with Thickness of 0.6mm. Door with imported Accessories, with emergency Lock opener from inside & SS Kick Plate both sides		
16	Lightning	IP 65 approved- Light fittings- 12 numbers per chamber		
17	Machine Make	Branded		
18	Nos. of machine	1 Set each chamber		
19	Type of Compressor	Hermetic Scroll		
20	Condenser type	Copper Tube & Aluminum Fins		
21	Machine to be offered	10.59 KW @ -5 Deg.c. SST & 50 Deg. C Condensing temperature.		
22	Cooling Capacity of Refrigeration Unit in HP	5 HP – 1 Set each room		

23	Air flow	9000 CFM @ 25 Pascal static pressure. (test report to be submitted) Air though up to 40 Fett	
24	Fan Motor	400 mm x 3fans each unit	
25	Evaporator FPI	8	
26	Evaporator Body	GI , Powder Coated , RAL Code 9003	
27	Power Consumption per Unit	6 Kw each machine	
28	Defrosting	Air Defrost (Auto)	
29	Refrigerant	R-404A / R410A (CFC Free)	
30	Electricity Supply	410V / 3 Phz / 50 Hz	
31	Cold Room relative humidity	90% to 95 %	
32	Machine Specification including control panel	Machine to come fitted with 5/8" Suction valve, 1/2" Discharge Line & 3/8" Liquid Line. Machine should have factory fitted suction accumulator, Filter Drier, HP-LP, & Electrical control panel including MCB, Contractor & Phase sequence controller (Should be fit in single phase system)	
33	Humidifier	6 Ltr per Hr Capacity required	
34	Humidity Meter	Standard Quality	
35	Co2 Sensor	10,000 PPM CO2 Sensor required	
36	Co2 release	18" x 18" – 2 Nos Automatic Aluminum dampers with Actuator and Motor (210V/1Ph/50Hz) required	
37	Fresh Air Intake	2000CFM Fresh Air intake System along with Pre-filter	
38	Temperature Meter	Standard Quality	

3. Supply, Delivery, Installation & Commissioning of Cooling Chamber for **Strawberry**

S. No.	Criteria	Requirement	Offered Specification	Brand Proposed
1	External Room Dimensions (Lx W x H) in Feet	20' x 12' x 8'		
2	Product	STRAWBERRY		

3	Room Temperature Reqd.	+2 to +20 Deg C	
6	Storage Pattern	Crates & Pallets	
7	Maximum Ambient Temp	+45 Deg. C	
8	Product Entering Temp	+20 to +25 Deg C	
9	Pull Down Time	24 HRs	
10	Wall & Ceiling Panels Insulation thickness	80 mm PPGI/PPGI with 0.5 mm sheet PIR panels for wall and ceiling with Density of 45± 2 Kgs / m³ Continuous Panels having male female groove of 1" or more. PIR PANELS SHOULD BE MADE WITH 1100MM SHEET WIDTH FOR ENHANCED COMPRESSIVE AND BENDING STRENGTH	
11	Panel Density	45± 2 per M ³	
8	Thermal conductivity of panel	0.018 K.cal / m.hrOC	
9	Adhesion Strength	2.9 Kd/ Cm ² Foam to steel	
12	Door Type & Size	1000 x 2100 x 80mm SWING door having sheet thickness of 0.6mm	
13	No of Door's	1 No for each Room	
14	Floor Insulation	80 mm PIR Panel with 1.6 mm Aluminum chequered sheet on the top.	
15	Panel Finish	PPGI	
16	Machine Make	Branded	
17	Cooling Capacity of Refrigeration Unit in HP	20,000 BTUH @-5 SST and 50 Condensing X 1 set each room	
18	Total Number of machines in each room	1 Set	
19	Power Consumption per Unit	3.5 Kw each machine	
20	Defrosting	Air Defrost (Auto)	
21	Refrigerant	R-404 A	

22	Electricity Supply	410V / 3 Phz / 50 Hz	
23	Cold Room Lights	IP 65 approved- Light fittings - 2 numbers per chamber.	
24	Refrigeration capacity	5.50 KW @ -5 Deg. c. SST & 50 Deg. C Condensing temperature.	
25	Machine Specification including control panel	Machine to come fitted with 5/8" Suction valve, 1/2" Discharge Line & 3/8" Liquid Line. Machine should have factory fitted suction accumulator, Filter Drier, HP-LP, & Electrical control panel including MCB, Contractor & Phase sequence controller (Should be fit in single phase system)	
26	Expansion Valve	Should be Factory fitted	
27	Fan motor	350 mm x 3 Fans in each indoor unit	
28	Evaporator Air Flow	3950 CFM @ 25 Pascal static pressure. (test report to be submitted) and air throw up to 27 Feet	

4. Supply, Delivery, Installation & Commissioning of **Curd** Incubation room with heater & SS body machine:

S. No.	Criteria	Requirement	Offered Specification	Brand Proposed
1	External Room Dimensions (W x D x H)	12' X 10' X 8'		
2	Product	Curd incubation		
3	Product incoming temperature	16 to 20 Deg C		
4	Room Temperature Req'd.	38-42 Deg C		
5	Pull Down Time	12 Hours		
6	No. of Door opening	3to 4 times per batch		

7	Wall & Ceiling Panels(Thickness, surface type, panel and corner plate)	80 mm PPGI/PPGI with 0.5 mm sheet PIR panels for wall and ceiling with Density of 45 Kgs / m ³ Continuous Panels having male female groove of 1” or more. PIR PANELSARE MADE WITH 1100MM SHEET WIDTH FOR ENHANCED COMPRESSIVE AND BENDING STRENGTH.	
8	Thermal conductivity of panel	0.018 K.cal / m.hr0C	
9	Adhesion Strength	2.9 Kd/ Cm2 Foam to steel	
10	Water Absorption	Less than 2%	
11	Floor	80 mm PIRPanel with 1.6 mm Aluminum chequered sheet on the top.	
12	Doors	1 no : 80 mm thick– Overlap Swing door with 0.6mm sheet thickness 900 x 2100 mm. Door with imported Accessories, with emergency Lock opener from inside & SS Kick Plate both sides	
13	Pressure Relief port	Pressure relief port to balance the air pressure in the room to reduce damage of panel due to vacuum.	
14	Lighting	IP 65 approved- Light fittings- 2 numbers per chamber.	
15	Heat Load	8 KW / Chamber- Heating	
17	Type of compressor	NA	
18	Condenser Type	NA	
19	Machine to be offered	NA	
20	Evaporator	NA (8 KW Air cooler with heater)	
21	Refrigerant	NA	
22	Machine Specification including control panel	Machine to be in SS -304 body with 8 KW heater for the curd incubation. Machine must come with factory fitted thermostat and controller for temp. controlling.	
23	Cold Room Relative Humidity	70% to 80%	

5. Supply, Delivery, Installation & Commissioning of **Curd** storage chamber:

S. No.	Criteria	Requirement	Offered Specification	Brand Proposed
1	External Room Dimensions (W x D x H)	12' x 10' x 8'		
2	Product	Fruits & Vegetables		
3	Product incoming temperature	16 to 20 Deg C		
4	Room Temperature Reqd.	2-4 Deg C		
5	Pull Down Time	12 Hours		
6	No. of Door opening	3to 4 times in a day		
7	Wall & Ceiling Panels (Thickness, surface type, panel and corner plate)	80 mm PPGI/PPGI with 0.5 mm thick PIR insulated panels for wall and ceiling with Density of 45 Kgs / m ³ Continuous Panels having male female groove of 1" or more. PIR panel made with 1100 mm width for enhanced compressive and bending strength.		
8	Thermal conductivity of panel	0.018 K.cal / m.hr0C		
9	Adhesion Strength	2.9 Kd/ Cm2 Foam to steel		
10	Water Absorption	Less than 2%		
11	Floor	80 mm PUF Panel with 1.6 mm Aluminum checkered sheet on the top.		
12	Doors	1 no : 80 mm thick– Overlap Swing door with 0.6mm thick panel of 900 mm x 2100 mm. Door with imported Accessories, with emergency Lock opener from inside & SS Kick Plate both sides		
13	Pressure Relief port	Pressure relief port to balance the air pressure in the room to reduce damage of panel due to vacuum.		
14	Lighting	IP 65 approved- Light fittings- 4 numbers per chamber.		
15	Heat Load	5 KW / Chamber		

17	Type of compressor	Hermetic Reciprocating	
18	Condenser Type	Copper Tube & Aluminum Fins	
19	Machine to be offered	5.50 KW @ -5 Deg.c. SST & 50 Deg. C Condensing temperature.	
20	Evaporator	5.50 KW @ -5 Deg.c. SST & 50 Deg. C Condensing temperature.	
21	Refrigerant	R 404 A	
22	Machine Specification including control panel	Machine to come fitted with 5/8" Suction valve, 1/2" Discharge Line & 3/8" Liquid Line. Machine should have factory fitted suction accumulator, Filter Drier, HP-LP, & Electrical control panel including MCB, Contractor & Phase sequence controller (Should be fit in single phase system)	
23	Cold Room Relative Humidity	70% to 80%	

Note:

Certification Requirement	Quality Certificates (ISO, etc.) for machine and the PIR panels
Installation Requirements	Bidder
Testing Requirements	CMDP authorized/contracted Consulting company or Consultant
Scope of Training on Operation and Maintenance	The Bidder shall provide necessary training programme to the client on the operation and maintenance
Commissioning	Bidder
Warranty Period	One Year
Local Service Support	Servicing Center, availability of spare parts
Technical Support Requirements	Online, Offline
After-sale services Requirements	<input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of One year <input checked="" type="checkbox"/> Technical Support for minimum period of 5 years (1 year under warranty coverage plus 4 years of chargeable service)

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall deliver the goods within 45 days after Contract/PO signature.
Delivery Terms (INCOTERMS 2020)	DDP
Customs clearance (must be linked to INCOTERM)	<input checked="" type="checkbox"/> Not applicable Shall be done by: <input type="checkbox"/> Name of organisation (where applicable) <input type="checkbox"/> Supplier/bidder <input type="checkbox"/> Freight Forwarder
Exact Address(es) of Delivery Location(s)	1. Banana Ripening Chambers: Pithuwa, Ratna Nagar Municipality, Chitwan. 2. Strawberry Storage Chambers: Kakani, Nuwakot 3. Mushroom Farming Chambers: Chapagaun, Godawari, Lalitpur 4. Curd Incubation room with heater : Bhimphedi Municipality, Makwanpur 5. Cold Storage room : Bhimphedi Municipality, Makwanpur
Distribution of shipping documents (if using freight forwarder)	Click or tap here to enter text.
Packing Requirements	Click or tap here to enter text.
Training on Operations and Maintenance	Required
Warranty Period	As indicated in Annex 1: Schedule of Requirement
After-sales service and local service support requirements	As indicated in Annex 1: Schedule of Requirement
Preferred Mode of Transport	

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:	NPL10-37-2021	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.

Year of Registration	Click or tap here to enter text.			
Legal structure	Choose an item.			
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number			
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Is your company a member of the UN Global Compact	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.			
Previous relevant experience: 3 contracts				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value	Period of activity	Types of activities undertaken

Bidder's Declaration

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

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:	NPL10-37-2021	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.					
Item No	Description	UOM	Qty	Unit price	Total price (NPR)
1.	Supply, Installation, testing and Commissioning of Cooling Chamber for Banana Ripening	No	3		
2.	Supply, Installation, testing and Commissioning of Cooling Chamber for Mushroom Cultivation	No	1		
3.	Supply, Installation, testing and Commissioning of Cooling Chamber for Strawberry Cultivation	No	1		
4.	Supply, Installation, testing and Commissioning of Cooling Chamber for Curd incubation room with heater	No	1		
5.	Supply, Installation, testing and Commissioning of Cooling Chamber for Curd storage room	No	1		
Total Price					
VAT					
Total Final and All-inclusive Price					

For Annual Maintenance Cost from second year

Currency of the Quotation: Click or tap here to enter text.					
INCOTERMS: Click or tap here to enter text.					
Item No	Description	UOM	Qty	Unit price	Total price (NPR)
1.	AMC for cooling chamber of Banana Ripening	Year	4		

2.	AMC for cooling chamber of Mushroom Cultivation	Year	4		
3.	AMC for cooling chamber of Strawberry Cultivation	Year	4		
4.	AMC for cooling chamber of Curd incubation room with heater	Year	4		
5.	AMC for cooling chamber of Curd storage room	Year	1		
Total Price					
VAT					
Total Final and All-inclusive Price for AMC					

Compliance with Requirements

	Your Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Minimum Technical Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty and After-Sales Requirements	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Other requirements <i>[pls. specify]</i>	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.