

## REQUEST FOR QUOTATION

### BASATINE – Packaging Machines

RFQ- Batch 3- 006

**Under**

BASATINE Program

**Funded By**

[AFD - Agence Française de Développement]

<b>RFQ Release Date:</b>	26 August 2024
<b>Delivery Deadline:</b>	10 October 2024
<b>Quotation Submission Deadline:</b>	20 September 2024
<b>Question/ Inquiry Submission Deadline:</b>	10 September 2024



## TABLE OF CONTENTS

I.	Introduction .....	3
	A. Company Background .....	3
	B. Program Background .....	3
II.	Purpose .....	3
	A. Specifications .....	4
III.	TERMS OF PAYMENT .....	7
IV.	PROPOSAL PREPARATION AND SUBMISSION REQUIREMENTS .....	7
	A. Instructions for Proposal Preparation .....	7
	1. Quotation .....	7
	B. Instructions for Submission of Quotation .....	7
V.	CRITERIA FOR EVALUATION .....	8
VI.	TERMS AND CONDITIONS .....	8
	A. Late Submissions .....	9
	B. Modification of RFQ Requirements .....	9
	C. Withdrawals of Quotations .....	9
	D. Right of Negotiation and Acceptance of quotation .....	9
	E. Validity of quotation .....	9



## I. INTRODUCTION

### A. COMPANY BACKGROUND

Berytech is an ecosystem for entrepreneurs, providing a dynamic environment for the creation and development of startups and SMEs, fostering innovation, technology and entrepreneurship in Lebanon.

Berytech's role is multifold in building an all-inclusive ecosystem for its own entrepreneurs while contributing to the growth of the Lebanese entrepreneurial ecosystem in general. It has helped shape the cultural norms of the society in accepting and supporting the concept of entrepreneurship, while its different activities continue to push new avant-garde concepts. Berytech serves as a nucleus in connecting different stakeholders in the ecosystem and it strives to influence policymakers and legislating bodies to issue Since its establishment in 2002 by the Saint Joseph University (USJ), Berytech has succeeded in:

Creating strategic connections and international partnerships and affiliations,

Connecting different pools of experts in the ecosystem: business angels, mentors, cluster managers, technology transfer managers, innovators and researchers,

Collaborating with the Ministry of Economy and Trade to set and implement a national strategy to support SMEs, and

Partnering in creating organizations, programs and accelerators to serve the Lebanese entrepreneurial ecosystem.aws that benefit the ecosystem.

### B. PROGRAM BACKGROUND

With the support of l'Agence française de développement (AFD), the Bolstering Agriculture Systems' Ability to Invest, Nourish and Employ (BASATINE) is a four-year Consortium program contributing to the recovery of affected small farms and maintaining employment opportunities of vulnerable populations by providing support to farm holders.

BASATINE will support vulnerable farmers and related value chain actors in cereals, legumes, and vegetables in Bekaa and Akkar regions. The Consortium is made up of six NGOs with vast experience in agriculture and market systems development.

They include CARE (as lead), Mercy Corps (MC), Berytech Foundation, Georges N. Frem Foundation (GNFF), Lebanese Organization for Studies and Training (LOST), and Al Majmoua.

We aim to boost the capacity of Lebanese agriculture to produce food for the local market, create and maintain jobs, generate social cohesion between host communities and refugees and promote gender equality.

## II. PURPOSE

Procure Packaging Machines for the SMEs supported by BASATINE program.



## A. SPECIFICATIONS

The details stated below provide the name of the SME, location or delivery destination, technical specifications and number of units requested.

### 1- 1 ROUBANA - Ras Baalbek near st Eliane:

- a- 1 Automatic air filling machine for thick and thin liquids - stainless steel 316 - Max production capacity 1000 bottle/hour - range from 30 ml to 1000 ml
- b- 1 Bottles Ultra filler machine-2 nozzles - Max production capacity 200 bottle/hour
- c- 1 Conveyor Belt - Length 1.5m, Width 20 cm
- d- 1 Bottle capping machine - 100 bottle/hr
- e- 1 Manual Round bottle labeling machine

### 2- BOLD GROUP TRADING SARL - Akkar Kobayath martamoura:

- a- 1 VERTICAL POWDER PACKAGING MACHINE: 4 head 3000 g pneumatic super large packaging machine with Standard dispensing machine:
  - 4 head 3000g dispensing machine
  - 2 heads for powder and 2heads for grain.
  - Film width range: 21-60CM extra platform
  - 4 - Vertical seal range: 1-40CM
  - Machine length width height about 76\*140\*255cm
  - machine power about 1500W - Voltage/Hz: 220V/50HZ (other voltages can be changed) -
  - The weight of the machine is about 180KG (including the weight of the dispensing machine)
  - Weighing range: 30-3000g (based on rice)
  - Packaging accuracy:  $\pm 3$  grams (depending on the material)
  - Packing speed: 6-20 times/min (depending on the material)
  - Sealing method: back sealing EUROPEAN STANDARD PLUG
  - PLATE FORMERS - 4SETS - (160/220/320/400mm)
  - SENSOR
  - 1SET U2 Pro printer machine: Plug -n- play design with zero maintenance
  - Designed for industrial printing applications
  - Anser U2 Pro is 100% solvent compatible
  - High speed printing
  - Internal SD card
  - USB connectivity
  - Improved user interface for easier navigation
  - 13 font heights (1mm-12.7mm) and tower print up to 1.8mm Easy ink cartridge
  - replacement design with no maintenance Save up to 30% of ink with smaller ink
  - drop size Environment and pollution-free (no more MEK solvent)
  - Wider range of inks including UV curable. Print a bar code



### 3- PROFESSOR THYME - laaf - Al Arz Street Near supermarket Abdulsater:

- a- 1 Powder Filling Production line consisting of the below : Filler machine semi-auto including control panel (Hopper capacity 60 liters, dust-tight hopper cover and large infeed duct The screw filler is driven by an electric geared motor 1.5 Hp - 220/380 Volts, 50-60 Hz. - The agitator is driven by an electric geared motor 1 Hp, - 220/380 Volts 50-60 Hz. - Foot switch pacing the operator for convenient starting of fill cycle. - The agitator is driven in 3 ways; separately, with each fill or continuously. - The brake system of the filling machine is simple, trouble free, needs no maintenance and no compressed air, and works by means of VFD. - Control panel include weighing digital indicator with the command buttons, arranged for greatest efficiency, power supply 220- 240 Volts, 50-60 Hz. - Weight Approx :175 Kg. - Filling capacity: 50 – 5000 grams. - Output capacity: 150 – 600 fills per hour - Weighing system: by load cell and digital indicator) - Semi-Auto Feeder Powder Filler equipped with hopper capacity 100 liters, vibrator, and electric panel controls. It is made of stainless steel 304. The Model FPF-120 is supplied with:
- Auger powered by 2 Hp electric motor, 220/380 Volts 50-60 Hz.It feeds the filling machine separately or automatically on level controls.
  - Vibrator 1 HP totally is driven separately or with the auger.
  - Hopper capacity 100 liters, made in stainless steel 304.
- Controls: 220 / 380 Volts, 50-60 Hz - Weight approx. 95 Kg.  
Set filler 60: screw filler, cone collector, bag holder, capacity 100-500 Gr - Set filler 38: screw filler, cone collector, bag holder, capacity 25-100 Gr.
- b- 1 Automatic Inkjet Machine MX1 with Conveyor:  
Printing Direction: Adjustable with 360 degree, meet all kinds of production needs.  
Printing Distance: 1-10mm Mechanical Adjustment (the best distance between the nozzle and printed object is 2-5mm)  
Ink Type: Solvent-based ink, water-based ink.  
Ink Color: Black, white, red, blue, yellow, green, invisible.  
Ink Volume: 42ml (usually can print 200,000 characters).  
Interface: USB, RS232, Photoelectric interface, Wi-Fi.  
Adaptor: MX1:DC16.8V/2A , MX4/MX2:DC 30V/10A  
Storage: The system can store more than 100,000 mass (external USB make the information transfer in a freeway).  
Printing Height: MX1:1.2-12.7mm MX2:1.2-25.4mm MX4:1.2-50.8mm  
Conveyor Specifications:  
  - Weight: 22 kg
  - Belt width: 200 MM (7.8``)
  - Belt from floor level: 750 mm (29.5``)
  - Operating speed: 0-82 ft / min (adjustable)
  - Nominal voltage: 220V Total power: 60W
  - Overall dimensions: 1500 x 250 x 750 mm (59 " x 10 " x 29.5 "). 4 Millions Characters.
- c- Vertical vacuum machine: Material : Stainless Steel - Model Number: DZ-600L - POWER : 0.75KW - VOLT: 220V/50Hz PUMP :20m 3/h - SEALING LENGTH: 600X8 mm - weight : 81kg - Capacity of Work Bowl (Cup) : 1-2times/min

### 4- GREEN CO - Temnin Al Fawka:

- a- 1 Sealing Machine for pickles bags used for thick bags that are filled with pickles and water- it works on a foot pedal - air pistons - semiautomatic - 220 V - dimensions 50 x 30 x 110 cm - Temperature control system and heat resistors - wirh air compression 50 liter
- b- 1 Filling - 10ml till 1000ml stainless steel with 4legs special for vinger 220v - has context menu



- c- 1 Packaging machine for pickles - Stainless steel with plc system fill 50g til 1000g with digital screen control - dim 80\*100\*210 cm

**5- VIRAGO – Sohmor Near Al Mabarrat School, West bekaa:**

- 1 Vacuum machine Stainless steel - 40\*40 double side with digital controller and base

**6- GRAIN AND PULSES - Main Road Ghobeiri:**

- a- 1 Tabletop Automatic Sealing Machine with Nitrogen Purging

- Sealing Capacity: Up to 30 pouches per minute
- Sealing Width: 8-10mm, adjustable for different pouch thicknesses
- Sealing Temperature: Adjustable from 0°C to 300°C
- Sealing Time: Programmable to accommodate different materials and thicknesses
- Programmable Controls: Digital control panel for setting conveyor speed, sealing temperature, and sealing time
- Display: LED or LCD screen displaying current settings and operational status
- Pre-set Programs: Ability to save multiple sealing programs for different pouch types
- Material: Stainless steel body for durability and easy cleaning
- Tabletop Design: Compact and portable, suitable for small to medium production environments
- Conveyor Belt: Food-grade, non-stick conveyor belt
- Voltage: 220-240V, single-phase
- Frequency: 50/60 Hz
- Power Consumption: Typically 1.5-2 kW
- External Dimensions: Approx. 900mm (W) x 400mm (D) x 600mm (H)
- Conveyor Width: Adjustable to accommodate different pouch widths"

- b- 1 Expiry Date and Batch Number Labeling Machine

- Labeling Speed: Up to 100 labels per minute (depending on label size and product flow rate)
- Label Size: Adjustable to accommodate various label sizes for expiry dates and batch numbers
- Labeling Speed: Up to 100 labels per minute (depending on label size and product flow rate)
- Label Size: Adjustable to accommodate various label sizes for expiry dates and batch numbers
- Programmable Controls: Digital control panel for setting label placement, speed, and batch information
- Data Input: User-friendly interface for entering batch numbers, expiry dates, and other relevant information
- Memory: Ability to store multiple label templates and settings for different products
- Material: Stainless steel body and components for durability and easy maintenance
- Design: Compact design, suitable for integration into existing production lines, including tabletop and conveyor systems
- Overload Protection: Automatic shutdown in case of jamming or overload
- Emergency Stop: Easily accessible emergency stop button
- Sensor System: Integrated sensors to ensure labels are applied correctly and only when products are present
- Voltage: 220-240V, single-phase
- Frequency: 50/60 Hz
- Power Consumption: Typically 0.5-1 kW
- External Dimensions: Approx. 600mm (W) x 400mm (D) x 500mm (H)
- Labeling Head Adjustment: Adjustable labeling head to fit different product sizes and shapes



**7- LA TERRA - Dweir El Remman, Main Street, Nabil Asfar Bldg. GF, Aley**

- a- 1 Manual labeling machine suitable for round-shaped jars and bottles

**8- ANAMEL - Al Abadiyeh Main Road:**

- a- 1 Vacuum machine stainless steel 30x30 with bags

**9- PRESERVA - Beit Meri Main Road:**

- a- 1 Semi automatic filling machine - Stainless steel 316/304 structure - One nozzle - Piston filling machine for pastes and liquids - Hopper 30 L - Button control - productivity 200 litres in one hour

### III. TERMS OF PAYMENT

Payment shall be made via fresh USD cheque or fresh USD bank transfer through Arab Bank.

### IV. PROPOSAL PREPARATION AND SUBMISSION REQUIREMENTS

#### A. INSTRUCTIONS FOR PROPOSAL PREPARATION

The selection committee will evaluate the Offerors based upon their written technical and cost proposals. Each section will be evaluated according to the criteria for evaluations in Section V. Offerors are expected to examine the specifications and all instructions in the RFQ. Failure to do so is at the Offeror's risk. Newly sourced Offerors must provide the following:

1. Organization Overview
2. Legal Corporate Documents (Registration, MOF and VAT certificates) including the ID of the representative
3. Detailed Quotation with technical specifications including warranty, delivery and installation.
4. Signature of the following statements required by our Donors.
  - a. Integrity statement
  - b. Anti Fraud & Corruption Policy
  - c. PSEA Policy.

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#### 5. QUOTATION

The proposed quotation will have sufficient detail to allow evaluation of elements of costs proposed. quotations should be submitted in the currency in which your organization is located and will be paid; please label your quotation with the name of the currency. The organization reserves the right to request any additional information to support detailed cost and price.

#### B. INSTRUCTIONS FOR SUBMISSION OF QUOTATION



1. The quotation shall be sent via email. Each volume shall be clearly identified with the quotation number and the Offeror's name.
2. All responses to this RFQ must be received no later than the submission deadline on the cover page of this RFQ.
3. All inquiries and requests for information regarding this RFQ must be submitted by email to the following individuals no later than the question/inquiry submission deadline on the cover page of this RFQ. Reference the RFQ number in all questions/inquiries.

<b>(ORGANIZATION NAME)</b>	
<b>(Insert address here)</b>	
<b>Attention:</b>	Michelle Boustany
<b>Email:</b>	procurement@berytech.org

4. Berytech will not compensate Offerors for their preparation of responses to this RFQ.

## V. CRITERIA FOR EVALUATION

Berytech will evaluate quotations based on a best-value determination; Offerors should submit their most competitive price quotation. Quotations will be evaluated using the following criteria:

- Availability of Official and legal papers of the entity – 10 Points
- *Cost of product - 30 Points\**
- *Availability – 10 Points*
- *Delivery service fees – 10 Points*
- *Delivery time – 10 Points*
- *Adherence to specifications – 20 Points*
- *Payment terms – 10 Points*

The evaluation committee will review the quotation based upon the criteria listed above. The cost proposals will be reviewed to ensure they are complete and free of computational errors. The committee will also assess the reasonableness of costs and the cost-effectiveness of the budget and will determine whether the costs reflect a clear understanding of the requirements. A contract/Purchase Order will be offered to the responsible Offeror whose proposal follows the RFQ instructions and is judged to be the most advantageous to Berytech.

- The weighted average for the financial criteria will be calculated based on the following formula:
  - $\text{Lowest value/current value} \times \text{financial score weight}$

## VI. TERMS AND CONDITIONS





## A. LATE SUBMISSIONS

Quotations received after the submission deadline stated in the cover page of this RFQ may not be considered. Offerors will be held responsible for ensuring their quotations are received according to the instructions stated herein. A late offer will be considered if the cause was attributable to Berytech or its employees/agents, or if it is in the best interest of Berytech.

## B. MODIFICATION OF RFQ REQUIREMENTS

Berytech retains the right to terminate the RFQ or modify the requirements upon notification to Offerors.

## C. WITHDRAWALS OF QUOTATIONS

Quotations may be withdrawn by written notice via email at any time before award. Quotations may be withdrawn in person by an Offeror or authorized representative, if the representative's identity is made known and the representative signs a receipt for the quotation before award.

## D. RIGHT OF NEGOTIATION AND ACCEPTANCE OF QUOTATION

This RFQ represents a definition of requirements and is an invitation for submission of quotations. Berytech reserves the right to fund/award any or none of the submitted quotations. No commitment is made, either expressed or implied, to compensate Offerors for costs incurred in the preparation and submission of their quotation.

Berytech may reject any quotation that is nonresponsive. A responsive quotation is one that complies with all terms and conditions of the RFQ. A quotation must be complete, signed by an authorized signatory, and delivered no later than the submission time and date indicated on the cover sheet of this RFQ. Berytech may reserve the right to waive any minor discrepancies in a quotation.

Berytech reserves the right to issue an award based on the initial evaluation of quotations without discussion. Berytech also reserves the right to enter into best and final negotiations with any responsive Offerors for all or part of the proposed scope.

## E. VALIDITY OF QUOTATION

Quotations submitted shall remain open for acceptance for *60 days* from the last date specified for receipt of quotations. This includes, but is not limited to, pricing, terms and conditions, service levels, and all other information. If your organization is awarded the contract, all information in the RFQ and negotiation process is contractually binding.

