



KINGDOM OF CAMBODIA
NATION RELIGION KING

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Erasmus+ Programme
of the European Union 

Institute of Technology of Cambodia

Training a new generation of entrepreneurs in sustainable agriculture and food engineering (FoodSTEM)

REF: 610052-EPP-1-2019-1-KH-EPPKA2-CBHE-JP

Date: 28th of December, 2020

To: All Eligible Bidders

Subject: **Invitation Quotation to Supply Food Processing equipment (Agri-Food Lab)**
For the Training a new generation of entrepreneurs in sustainable agriculture and food engineering project (FoodSTEM)

You are kindly invited to provide us with your sealed quotation for the supply of **Food Processing equipment (Agri-Food Lab)**.

Project's requirements are listed below.

Item	Specification	Quantity	Statement of Compliance Bidders must state here either "Comply" or "Not Comply"
	Lot 1 (ITC)		
1	Electric Deep Fryer Twin Tank Oil	1 set	
	Capacity: 2 tanks (2 fry pots), each tank has a capacity of at least 6 liters		
	Fry pot Style: open		
	Heat: Electric		
	Power supply: 220v-240V, 50-60 Hz		

	Temperature range: 50 °C to 200 °C (± 5%)		
	Dimension Baskets (cm) L xW x H: aprox. 23 x 10 x 14		
	Dimension overall (cm) Lx Wx H: aprox. 59 x 46x 41		
	Construction: Stainless Steel		
	Warranty: 1 year on parts and 2 years on service		
2	Drying Oven	1 set	
	Type: Drying and heating chamber (Forced air convection)		
	Capacity: At least 256 L		
	Max. loading of chamber : At least 270 kg		
	Loading per rack: at least 20 Kg		
	Max. number of sieve: at least 8		
	Stainless steel: interior;		
	Door: fully insulated stainless steel door with 2-point locking (compression door lock); internal (2 stainless steel grid(s), electropolished)		
	Setting accuracy temperature : 0.1 to 0.5 °C under 150 °C		
	Temperature range: at least +10 °C ambient temperature to 300 °C		
	Power supply: 220 V-240V, 50- 60 Hz ; approx. 2.5 KW		
	Control COCKPIT : Twin DISPLAY		
	Timer: Digital backwards counter with target time setting, adjustable from 1 minute to 99 days		
	Function Heat balance: adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %		
	Adjustable parameter : temperature (Celsius or Fahrenheit), fan speed, air flap position, program time, time zones, summertime/wintertime		
	Fan : forced air circulation by quite air turbine, adjustable in 10 % steps for each segment individually		
	Ventilation: Fan (forced air circulation by quite air turbine, adjustable in 10 % steps for each segment individually); Fresh air (Admixture of pre-heated fresh air by electronically adjustable air flap)		
	Dimension (mm) WxHxD: aprox. 640* 800*500		
	Net weight: aprox. 85 kg		

	Warranty: 1 year on parts and 2 years on service		
3	Fruit grinder	1 set	
	Capacity jar : at least 2 L		
	RPM blender (Max.): 35000rpm		
	Power supply: Voltage: 220-240V; 1400W;		
	Material of main body : metal		
	Product feature: dishwasher safe, variable speed, Automatic shut off, pulse		
	Warranty: 1 year on parts and 2 years on service		
4	Meat grinder	1 set	
	Stainless steel cutting blade		
	2 speed control and reverse mode		
	Power supply: 3500 W, 220-240V, 50-60 Hz		
	Dimension (W*L*H) (mm): approx.195* 437*440		
	Weight : approx. 8 Kg		
	3 level of cutting plate : Coarse cutting , medium cutting , fine cutting		
	Kubbe attachment		
	Sausage attachment		
	Warranty: 1 year on parts and 2 years on service		
5	Cereal grinder	1 set	
	Power supply: 3000W, 220V-240V; 50-60Hz		
	Material : stainless steel		
	Dimension (cm): Approx. 66*31*32		
	Capacity : At least 40 kg /h		
	RPM: aprox. 1500		
	Weight: aprox. 55 kg		
	Fineness: 30-200 mesh		
	Suitable product: Dry grain		
	Warranty: 1 year on parts and 2 years on service		
6	Mixer	2 set	
	Powerful 300 watt motor		
	Same mixing action as Kitchen Aid® stand mixers		
	Mixing action gives complete bowl coverage		

	Offers better mixing than 2-beater stand mixers		
	3 attachments for mixing versatility – dough hook, whisk and flat beater		
	Dough hook and flat beater are nonstick		
	4 quart stainless steel bowl with handles		
	Includes splatter shield		
	7 speeds		
	Tilt-up head		
	Handle makes it easier to move and store the mixer		
	Warranty: 1 year on parts and 2 years on service		
7	Gas stove	1 set	
	Triple burner		
	8mm toughened safety glass surface		
	Base: 0.6 mm cold rolled steel		
	Burner: 90 mm double /40mm/ 90 mm		
	Body material: Stainless steel		
	Dimension (H*W) (mm): approx. 90 *40		
	Weight: aprox. 8 kg		
	Warranty: 1 year on parts and 2 years on service		
8	Cutter set	1 set	
	Number of pieces : 13		
	Pieces included: Bread knife; Chef's knife; Kitchen shears & scissors; Paring knife; Santoku knife; Steak knives; Utility knife; Knife storage		
	Pull apart shears: yes		
	Additional 12 pieces included : yes		
	Handle material : metal		
	Knife storage : yes		
	Self sharpening block: yes		
	Storage material : natural wood		
	Sharpener include: yes		
	Warranty: 1 year on parts and 2 years on service		
9	Vacuum Oven dry	1 set	
	Drying capacity: aprox. 100kg (or aprox. 100L)		
	Power supply: 220-240V/50-60Hz, aprox. 1400W		

	Interior Dimension (L*W*H) (mm): aprox. 415*370* 345		
	Temperature range: Indoor temperature +10°C~+200°C		
	Vacuum degree: ~133pa		
	Temperature stability: ±0.1 °C to ±0.5°C		
	Material: Stainless steel		
	Vacuum system: Yes (Equipped with vacuum pump)		
	Warranty: 1 year on parts and 2 years on service		
10	Modify atmospheric packaging	1 set	
	Packaging type: tray (Tray: Ready Meat; Lunch Box: MAP)		
	Automatic Grade: Semi-automatic		
	Driven Type: Pneumatic		
	Power supply: 220V-240V, 50-60 Hz; ≈1.5kw		
	Packaging Material: Plastic		
	Dimension (L*W*H) (mm): aprox. 570*590*550		
	Maximum tray height: 80mm		
	Maximum tray L*W (mm): Sealing 1 at a time: 310×200; Sealing 2 at a time:200×140		
	Cycle time: 10 Seconds		
	Weight: aprox. 90 kg		
	Max Film diameter: Φ300mm		
	Air pressure: Air pressure		
	Warranty: 1 year on parts and 2 years on service		
11	Pressure cooker	1 set	
	Power Source: Gas		
	Weight:110KG		
	Voltage:220V-240V; 50-60 Hz; Power:0.55KW		
	Dimension (L*W*H) (mm):460*960*1230		
	Capacity: 24 L		
	Material:304 Stainless Steel		
	Temperature Range: Room Temp ~190 Degree °C		
	Feature: Fast Temperature Rising		
	Warranty: 1 year on parts and 2 years on service		
	Lot 2 (RUA)		

1	Hydraulic Lifting Homogenizer	1 set	
	Power supply: 220-240V; 50-60 Hz; 4 Kw		
	Speed: 3000rpm,		
	Capacity: ≤ 200L		
	Stroke: 800mm		
	Mixer type: Agitator		
	Working: Shear mixer		
	Warranty: 1 year on parts and 2 years on service		
2	Simple Desk Vacuum Packing Machine (Packaging Food in Plastic Pouch)	1 set	
	Feature: Sterile packaging		
	Function: vacuum, optional gas flush		
	Dimensions (mm): 750*850*1000		
	Power supply: 220-240V; 50-60 Hz; 1.5Kw		
	Maximum Vacuum: ≤-0.08MPa		
	Sealing length x Width (mm): aprox. 600x8		
	Compress Air Requirement: 0.5MPa-0.8MPa		
	Warranty: 1 year on parts and 2 years on service		
3	Canning Machine (Tinplate Cans Seamer PET Plastic Canned Food Cans Sealing Capping Machine)	1 set	
	Power supply: 220-240V; 50-60 Hz; 730 W		
	Total weight: aprox. 65kg		
	Production capacity: 25/min		
	Machine size (mm): 600x340x850		
	Can height (mm): 39-200		
	Can diameter (mm): 39-150		
	Warranty: 1 year on parts and 2 years on service		
4	Home freeze drying machine mini freeze dryer	1 set	
	Lyophilizing Acreage: 0.4m ²		
	Cold trap Temperature: -40°C		
	Ultimate Vacuum: 15Pa		
	Material Handling Capacity: 4~6kg/Wholesale		

	Shelf Spacing: 45mm		
	Power Supply: 220-240V,50-60Hz; 1100W		
	Equipment Weight: aprox. 80Kg		
	Drying Capacity (kg): 4 kg;		
	Shelf Dim(W*L) (mm): 200*450 (4 floors)		
	Warranty: 1 year on parts and 2 years on service		
5	Stick Bag Packaging Machine	1 set	
	Application: Automatic sachet form fill seal machine		
	Pouch formats: Stick bag, back seal, 3-side seal, 4-side seal, pyramid bag		
	Machine speed: 30-60 bags/minute		
	Bag size range (L*W) (mm): (L) 40-180mm/(W) 10-140mm		
	Weighed: Volume cup filler		
	Weight ranges: 1-50g, 50-200g, 200g-1kg		
	Maximum film width: 300mm		
	Film material for sachet: Laminated film, laminated paper film, pure aluminum film		
	Power supply: 220-240V; 50-60Hz; 1.2 Kw		
	Machines material: Stainless steel		
	Machine weight: aprox. 300kg		
	Machine size (mm): aprox. 1000x900x1650		
	Warranty: 1 year on parts and 2 years on service		
	Lot 3 (UBB)		
1	Comminutor of Coconut kernel	1 set	
	Power: 750w		
	Voltage: 220V-240V		
	Capacity of Work Bowl (Cup)(cm): aprox. 70*42*60		
	Feature: easy to operate		
	Materials: Stainless Steel		
	Warranty: 1 year on parts and 2 years on service		
2	Coconut Milk Extractor	1 set	
	Capacity: aprox. 300kg/h		
	Power supply: Voltage: 220-240V, 50-60 Hz; 1.65 Kw		
	Dimension (L*W*H) (mm): 900*320*110		

	Material: Stainless Steel		
	Warranty: 1 year on parts and 2 years on service		
3	VCO Separating Centrifuge (Virgin Coconut Oil Centrifuge Machine)	1 set	
	Bowl Diameter: 45mm		
	Effective Height in Bowl: 280mm		
	Setting Volume in Bowl: 0.45L		
	Bowl Speed: 0-28000 r/min		
	Inlet Pressure: > 0.05 Mpa		
	Power supply: 220-240V; 0.6kw		
	Production capacity: aprox. 100Kg/h		
	Size L×W×H(mm): aprox. 600*650*750		
	Warranty: 1 year on parts and 2 years on service		
4	Vacuum Dryer for Oil	1 set	
	Type: Vacuum dryer		
	Dimension: 620*500*480mm		
	Inner Material: 304 Stainless Steel		
	Power supply: 220V-240; 50-60 Hz, 800w		
	Temperature range: RT+10~200°C		
	Temperature Stability: ±1°C		
	Capacity: aprox. 25L		
	Warranty: 1 year on parts and 2 years on service		
5	Cook Stirring Machine (Can be used for stirring in many things such as pineapple, durian, mango, taro, nut stir, dessert, Sakru, Kalamet and others)	1 set	
	Pastry stirrer 25 inches		
	Thick brass pan		
	1.0 power motor		
	The stirrer has a built-in reduction system.		
	The body is made of cast iron.		
	The spatula is made of good quality plastic in white color.		
	Machine size 72 x 110 x 119 Cm.		
	Warranty: 1 year on parts and 2 years on service		

6	Temperature Pulveriser	1 set	
	Power supply: 220-240V, 1.5kw		
	Material: Stainless Steel		
	Fineness: 50-250mesh		
	Production capacity: at least 20 kg/h		
	No-Load Speed: aprox. 2840r/min		
	Dimension: (L*W*H) (mm): aprox. 625*390*320		
	Warranty: 1 year on parts and 2 years on service		
7	Can Capping Machine	1 set	
	Power supply: 220-240V, 50-60Hz; aprox. 0.37 kw		
	Cans Height (mm): 39-200		
	Cans Tank diameter (mm): 39-150		
	Capacity: 10-20 bottles/min		
	Machine size (mm): aprpx. 600*340*840		
	Warranty: 1 year on parts and 2 years on service		
8	Fruit Vacuum Dryer	1 set	
	Power supply: 220-240V, 50-60 Hz		
	Inner Container Layer: 8 layers		
	Temperature Range: 30-90 degrees °C		
	Material: Stainless Steel		
	Product size (mm): aprox. 305*387*359		
	Warranty: 1 year on parts and 2 years on service		
9	Vacuum Packer	1 set	
	Voltage: 220-240V, 50-60Hz		
	Height: 6 inches (~152 mm)		
	Width: 19 inches (~483 mm)		
	Depth: 12 1/4 inches (3074/102mm)		
	Seal Bar Length: 16 inches (406 mm)		
	ETL Listed: Yes		
	Vacuum Packing Machine Type: Automatic		
	Warranty: 1 year on parts and 2 years on service		
10	Pasteurizer: Double wall milk pot	1 set	
	Double Wall Milk Pot capacity: 3.5L		

	Power supply: 220-240V; 50-60 Hz		
	Dimension (cm): 25.5*14.5		
	Capacity: at least 3.5L		
	Material: Stainless Steel		
	Warranty: 1 year on parts and 2 years on service		
11	Yogurt Making Machine	1 set	
	Power supply: 220-240V; 50-60 Hz; 650 W		
	Temperature Control: Double Door Two-Temp		
	Temperature Range: 4 to 42 Degree °C		
	Size (mm): 380*590*867		
	Automatic Sterilization, Safety lock, foam insulation, automatic air exhaust and cooling, refrigeration, environmental friendly		
	Warranty: 1 year on parts and 2 years on service		
12	Yogurt Frozen	1 set	
	Power supply: 220-240V; 50-60Hz		
	Cylinder Volume: 1.8L x 2		
	Hopper Volume: 7 L x 2		
	Dimension (mm): approx. 520*860*880		
	Warranty: 1 year on parts and 2 years on service		
13	Chicken, Meat, Fish Smoker	1 set	
	Power supply: 220-240V, 50-60Hz,		
	Material: Stainless Steel		
	Size: 430*395*820mm		
	Capacity of work bowl: Electric Smoke Stove		
	Warranty: 1 year on parts and 2 years on service		

In preparing your quotation, you are requested to observe the following:

1. Your quotation should be addressed to:

The Project Manager

Industry Linkage Office, Office A-206, Building A,
Russian Confederation Boulevard,
Phnom Penh, Cambodia
Phone: 092 475 547, E-mail: chhanthyda@itc.edu.kh
Attn: Mrs. Chanthya Nong, Procurement Officer

2. Your quotation should be delivered to the address above at or before **4:00 pm on January 28th, 2021** and sealed with the mention **Do Not Open** Before 3:00 pm on January 29th, 2021.

The Opening quotation will be 3:00 pm on January 29th, 2021 at the Institute of Technology of Cambodia and/or via online broadcasting on FoodSTEM Facebook page : <https://www.facebook.com/FoodSTEMEUProject/>

3. **Eligible Goods and Services**

Training a new generation of entrepreneurs in sustainable agriculture and food engineering (hereinafter called Erasmus+ **FoodSTEM Project**), reference number **610052-EPP-1-2019-1-KH-EPPKA2-CBHE-JP**, is a co-funded by the Erasmus+ Programme of the European Union and open to all eligible bidders.

4. **Delivery of Equipment**

This **Food Processing equipment (Agri-Food Lab)** package contains three lots equipment, which lot 1 for ITC, lot 2 for RUA and lot 3 for UBB. Supplier shall deliver and install Equipment to the Purchaser's premises and to FoodSTEM University Partners premises as specified below.

Institute of Technology of Cambodia

Russian Confederation Boulevard,
Phnom Penh, Cambodia

Royal University of Agriculture

Chamkar Daung, Dangkor
Phnom Penh, Cambodia

University of Battambang

National Road 5, Sangkat Preaek Preah Sdach,
Battambang city, Battambang 020101, Cambodia

The details of the repartition of equipment between universities is specified above.

5. **Taxes, Duties, License Fees**

The Supplier shall be responsible for taxes, license fees, etc., incurred during the delivery of the contracted services to the purchaser.

6. **Warranty**

At least one year warranty on all items must be included in the final price.

7. Payment

Payment will be made by bank transfer presenting the full amount shown in the Invoice with detail statement. In the quotation, need to state the name, identity card number and address of the representative authorized to collect payment. Payment for supplies will be made when Equipment are installed at FoodSTEM University Partners as follow:

- University of Battambang
- Royal University of Cambodia
- Institute of Technology of Cambodia.

The payment will be based on fixed price.

8. Evaluation of Quotation

The purchaser will determine which quotation responds to the Description and, the price, is acceptable from a technical point of view. Quotations which are not responsive will be rejected and will be eliminated from further consideration. The purchaser reserved the right to accept or reject any quotation and annul process of inviting quotation and reject at any time prior to award of the contract, without thereby incurring any liability to the affected supplier or any obligation to inform the affected supplier of the grounds for the Purchaser's action.

9. Validity of the quotation

Prices of the quotation shall be valid for 1 to 3 months from the date of your submission of quotation.

We look forward to receiving the quotation before the time and date stipulated above.

Quotation received after this date will be rejected and returned to the supplier unopened.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Sokneang IN', with a horizontal line underneath.

Sokneang IN

Project Manager, FoodSTEM