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Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 8615029
Procuring Entity CARLOS HILADO MEMORIAL STATE COLLEGE
Title Procurement of Various Laboratory Equipment for COPC and Accreditation Compliance of the College of Fisheries (Post-Harvest Laboratory) - Binalbagan Campus
Area of Delivery Negros Occidental

| | | | |
|--|---|------------------------------|---------------------|
| Solicitation Number: | CHMSC 22-016-0420-G | Status | Active |
| Trade Agreement: | Implementing Rules and Regulations | Associated Components | 7 |
| Procurement Mode: | Public Bidding | Bid Supplements | 1 |
| Classification: | Goods | Document Request List | 23 |
| Category: | Laboratory Supplies and Equipment | Date Published | 21/04/2022 |
| Approved Budget for the Contract: | PHP 1,590,000.00 | Last Updated / Time | 07/05/2022 16:01 PM |
| Delivery Period: | 90 Day/s | Closing Date / Time | 17/05/2022 10:30 AM |
| Client Agency: | | | |
| Contact Person: | Ma. Lorena Fernandez Jugos Administrative Assistant II Mabini Street, Brgy Zone 1 Talisay City Negros Occidental Philippines 6115 63-34-7128404 63-34-7128404 chmsc_bacsec@yahoo.com | | |

Description

CARLOS HILADO MEMORIAL STATE COLLEGE
BIDS AND AWARDS COMMITTEE
TALISAY CITY, NEGROS OCCIDENTAL

INVITATION TO BID
FOR THE PROCUREMENT OF VARIOUS LABORATORY EQUIPMENT FOR COPC AND ACCREDITATION COMPLIANCE OF THE COLLEGE OF FISHERIES (POST-HARVEST LABORATORY) - BINALBAGAN CAMPUS
CHMSC 22-016-0420-G

1. The Carlos Hilado Memorial State College, through the Corporate Budget for the Contract of 2022 approved by the governing Board (STF/INCOME), intends to apply the sum of ONE MILLION FIVE HUNDRED NINETY THOUSAND PESOS & 00/100 (Php 1,590,000.00) ONLY, being the Approved Budget for the Contract (ABC) to payments under the contract for the PROCUREMENT OF VARIOUS LABORATORY EQUIPMENT FOR COPC AND ACCREDITATION COMPLIANCE OF THE COLLEGE OF FISHERIES (POST-HARVEST LABORATORY) - BINALBAGAN CAMPUS. Bids received in excess of the ABC shall be automatically rejected at bid opening.

LOT NO. DESCRIPTION ABC/ITEM
 1 LABORATORY AND MEASUREMENT EQUIPMENT 665,000.00
 2 FOOD PROCESSING EQUIPMENT 430,000.00
 3 FOOD APPLIANCES (LOW TEMPERATURE) 305,000.00

4 PACKAGING EQUIPMENT 190,000.00
TOTAL ABC 1,590,000.00

2. The Carlos Hilado Memorial State College now invites bids for the above Procurement Project. Delivery of the Services is required by Ninety (90) calendar days after receipt of Notice to Proceed. Bidders should have completed, within two (2) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using the non-discretionary pass/fail criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Prospective bidders may obtain further information from CARLOS HILADO MEMORIAL STATE COLLEGE and inspect the Bidding Documents at the address given below during 8:00 A.M. to 5:00 P.M.

The BAC Secretariat
Brgy. Zone I, Mabini St.,
Talisay City, Negros Occidental

5. A complete set of Bidding Documents may be acquired by interested Bidders on April 21 – May 12, 2022 (9:30A.M.) from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the maximum amount of Five Thousand Pesos (Php 5,000.00) Only. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.

LOT

| NO. | DESCRIPTION | ABC | PER ITEM | COST | BIDDING DOCUMENTS |
|-----|--------------------------------------|------------|----------|------|-------------------|
| 1 | LABORATORY AND MEASUREMENT EQUIPMENT | 665,000.00 | 1,000.00 | | |
| 2 | FOOD PROCESSING EQUIPMENT | 430,000.00 | 500.00 | | |
| 3 | FOOD APPLIANCES (LOW TEMPERATURE) | 305,000.00 | 500.00 | | |
| 4 | PACKAGING EQUIPMENT | 190,000.00 | 500.00 | | |

6. The CHMSC will hold a Pre-Bid conference on 2:00 P.M., April 28, 2022 at Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 797 389 7583, Meeting Password 042822, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental, (ii) online or electronic submission at bac.sec@chmsc.edu.ph or (iii) both on or before 10:30 A.M., May 12, 2022. Late bids shall not be accepted.

Bids may be submitted through electronic mail to bac.sec@chmsc.edu.ph provided that the bidding documents are compressed into two (2) separate archived folders (zip or rar format) and which each folder shall be labelled as "First Envelope_Name of Company_Project Reference Number" and "Second Envelope_Name of Company_Project Reference Number" and each is uniquely password-protected;

Bidders must submit the printed copies (Original, Copy 1 and Copy 2) of their bidding documents within 3 calendar days from bid opening.

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.

9. Bid opening shall be on 11:00 A.M., May 12, 2022, at the Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental through Zoom Meeting ID No. 797 389 7583, Meeting Password 051222. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. The Carlos Hilado Memorial State College reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

MISS LIGAYA E. FUENTES
Head-BAC Secretariat
Carlos Hilado Memorial State College
Brgy. Zone 1, Mabini St.,
Talisay City, Negros Occidental
Email Add.: bac.sec@chmsc.edu.ph
Telefax No. (034) 712-8404

Website: chmsc.edu.ph

12. You may visit the following websites:

For downloading of Bidding Documents: chmsc.edu.ph

For online bid submission: bac.sec@chmsc.edu.ph

ENGR. JUN-JUN J. MARQUEZ
BAC Chairperson

Line Items

| Item No. | Product/Service Name | Description | Quantity | UOM | Budget (PHP) |
|----------|----------------------|--------------------------------------|----------|-----|--------------|
| 1 | LOT 1 | LABORATORY AND MEASUREMENT EQUIPMENT | 1 | Lot | 665,000.00 |
| 2 | LOT 2 | FOOD PROCESSING EQUIPMENT | 1 | Lot | 430,000.00 |
| 3 | LOT 3 | FOOD APPLIANCES (LOW TEMPERATURE) | 1 | Lot | 305,000.00 |
| 4 | LOT 4 | PACKAGING EQUIPMENT | 1 | Lot | 190,000.00 |

Pre-bid Conference

| Date | Time | Venue |
|------------|------------|---|
| 28/04/2022 | 2:00:00 PM | Bidding Room, 2/F Supply and Property Management Bldg., Brgy. Zone 1, Mabini St., Talisay City, Negros Occidental and or through video conferencing or webcasting via Zoom Meeting with ID No. 797 389 7583, Meeting Password 042822 |

Remarks

Kindly see attached Supplemental/Bid Bulletin, BOQ, SOR and TS.

Created by Rowena De la Vida Prado

Date Created 20/04/2022

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Carlos Hilado Memorial State College

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Bids and Awards Committee

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SUPPLEMENTAL/BID BULLETIN ADDENDUM NO. 1

8615029/CHMSC 22-016-0420-G

May 6, 2022

This Addendum No. 1 is issued for clarification of Bidders with regard to the specifications of bidding documents for the **Procurement of Various Laboratory Equipment for COPC and Accreditation Compliance of the College of Fisheries (Post-Harvest Laboratory) – Binalbagan Campus per Reference Number 8615029/CHMSC 22-016-0420-G**. This shall form an integral part of the Documents.

| PARTICULARS (AS PUBLISHED) | RECTIFICATION (SHOULD BE) |
|---|---|
| <p style="text-align: center;">BILL OF QUANTITIES, SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS</p> <p>LOT 1 - LABORATORY AND MEASUREMENT EQUIPMENT</p> <p>Item No.</p> <p>1. Analytical Balance Weighing Capacity: 320g, Resolution: 0.1 mg, Parts Counting: Yes, Interface: Type RS232, Plug Type: Type B - North American 3-pin, Type C - European Plug, Type G - British 3-pin, Weighpan Diameter: 91mm, Net Weight: 6.44kg, Model Number p: ABJ 320-4NM, Maximum Operating Temperature: +40°C, Minimum Operating Temperature: +5°C, After Sales Support: Product Demonstration & Installation</p> <p>2. Digital Weighing Scale (Large) Color: White Dimensions: (13.58 x 12.99 x 4.72)"/(34.5 x 33 x 12)cm (L x W x H), Weight: 97.81oz / 2773g, Material: Plastic & Iron Sheet, Capacity: min-2g max-40 kg, Division: 5g, Precision: 1/3000F.S, Graduation: 5g, Zero range: ≤+2% Max, Rated Voltage 220 VAC, Power</p> | <p style="text-align: center;">BILL OF QUANTITIES, SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS</p> <p>LOT 1 - LABORATORY AND MEASUREMENT EQUIPMENT</p> <p>Item No.</p> <p>1. Analytical Balance Weighing Capacity: 320g, Resolution: 0.1 mg, Parts Counting: Yes, Interface: Type RS232, Plug Type: Type B - North American 3-pin, Type C - European Plug, Type G - British 3-pin, Weighpan Diameter: 91mm, Net Weight: 6.44kg, Model Number p: ABJ 320-4NM, Maximum Operating Temperature: +40°C, Minimum Operating Temperature: +5°C, After Sales Support: Product Demonstration & Calibration, Food Grade</p> <p>2. Digital Weighing Scale (Large) Color: White Dimensions: (13.58 x 12.99 x 4.72)"/(34.5 x 33 x 12)cm (L x W x H), Weight: 97.81oz / 2773g, Material: Plastic & Iron Sheet, Capacity: min-2g max-40 kg, Division: 5g, Precision: 1/3000F.S, Graduation: 5g, Zero range: ≤+2% Max, Rated Voltage 220 VAC, Power</p> |



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Loss: $\leq 10\mu\text{A}$, Unit: kg / lb, New and in a good condition, Storage up to 8 unit prices, Accumulate operation (0-99), Account function, do memory recall, give change and memory clear one time, Auto shut off function to save power, Display window: 5-digit weight window; 5-digit unit price window and 6-digit total price

3. Digital Caliper

Capacity: 200mm, Imperial or Metric, Accuracy: 0.03 mm, Resolution: 0.0005 in, 0.01 mm, After Sales Support: Product Demonstration

5. Food pH Meter

range: 0 to 14 pH, resolution: 0.01/.1 pH, Accuracy: ± 0.01 pH ± 1 digit, Temperature Compensation: 0 to 100°C (Auto or Manual), mV range: -1000 mV - 0 - 1000 mV, resolution: 1 mV, accuracy: $\pm 0.2\%$ F.S ± 1 digit, Temperature range: 0 to 100°C (23 to 212°F), resolution: 0.1°C, accuracy: $\pm 0.5^\circ\text{C}$ ± 1 digit, Power: AA Batteries * 3 / DC5V (USB port), IP Ranking: IP57 dust-proof and waterproof, Dimensions & Weight: Meter: (88_170_33) mm/ 313g With case_(360_270_76) mm/ 1.6kg, After Sales Support: Product Demonstration & Installation

6. Food Thermometer

Temperature Range: 32°F to 572°F (0°C to 300°C), Battery: 4 x AAA batteries, Temperature Accuracy: $\pm 1.8^\circ\text{F}$ ($\pm 1^\circ\text{C}$) from 32 to 212°F (0 to 100°C), Resolution: 1°, Probe Length: 6½" food grade stainless steel probe and 3" oven/bbq stainless steel probe, Cable Length: 40" stainless steel mesh cable, Remote Range: Up to 300 feet, Certifications: FCC certified, CE certified, ROHS, FDA approved probe, Probe and Wire can withstand up to 716°F (380°C), Uses: BBQ, Oven, Smoker, Candy Meat, Food, After Sales Support: Product Demonstration

Loss: $\leq 10\mu\text{A}$, Unit: kg / lb, New and in a good condition, Storage up to 8 unit prices, Accumulate operation (0-99), Account function, do memory recall, give change and memory clear one time, Auto shut off function to save power, Display window: 5-digit weight window; 5-digit unit price window and 6-digit total price

Duly Calibrated

3. Digital Caliper

Capacity: 200mm, Imperial or Metric, Accuracy: 0.03 mm, Resolution: 0.0005 in, 0.01 mm, After Sales Support: Product Demonstration

Duly Calibrated

5. Food pH Meter

range: 0 to 14 pH, resolution: 0.01/.1 pH, Accuracy: ± 0.01 pH ± 1 digit, Temperature Compensation: 0 to 100°C (Auto or Manual), mV range: -1000 mV - 0 - 1000 mV, resolution: 1 mV, accuracy: $\pm 0.2\%$ F.S ± 1 digit, Temperature range: 0 to 100°C (23 to 212°F), resolution: 0.1°C, accuracy: $\pm 0.5^\circ\text{C}$ ± 1 digit, Power: AA Batteries * 3 / DC5V (USB port), IP Ranking: IP57 dust-proof and waterproof, Dimensions & Weight: Meter: (88_170_33) mm/ 313g With case_(360_270_76) mm/ 1.6kg,

After Sales Support: Product Demonstration & Calibration

6. Food Thermometer

Temperature Range: 32°F to 572°F (0°C to 300°C), Battery: 4 x AAA batteries, Temperature Accuracy: $\pm 1.8^\circ\text{F}$ ($\pm 1^\circ\text{C}$) from 32 to 212°F (0 to 100°C), Resolution: 1°, Probe Length: 6½" food grade stainless steel probe and 3" oven/bbq stainless steel probe, Cable Length: 40" stainless steel mesh cable, Remote Range: Up to 300 feet, Certifications: FCC certified, CE certified, ROHS, FDA approved probe, Probe and Wire can withstand up to 716°F (380°C), Uses: BBQ, Oven, Smoker, Candy Meat, Food, After Sales Support: Product Demonstration

Food Grade



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7. Food Refractometer

Maximum Measurement:
150 (Oechsle) °Oe, 22 (Vol. AP) %, 25 (KMW) °KMW, 35 (Mass SW) %, Minimum Measurement: 0 (KMW) °KMW, 0 (Mass SW) %, 0 (Oechsle) °Oe, 0 (Vol. AP) %, Best Accuracy: ± 0.2 (KMW) °KMW, ±0.2 (Mass SW) %, ±0.2 (Vol. AP) %, (Oechsle) °Oe., Type: Digital, Battery Type: AAA, Power Source: Battery, Dimensions: 133 x 65 x 38mm, Weight: 200g, Height: 38mm, Length: 133mm, Width 65mm, After Sales Support: Product Demonstration

8. Furnace

9. Moisture Analyzer

Minimum Operating Temperature :+5°C
Maximum Operating Temperature: +40°C,
Backlit LCD display, digit height 14 mm, Drying process active, Active heating profile, Active switch-off criteria, Previous drying time, Current temperature, Unit of the shown result, e.g. moisture (%), Interim result in moisture-%, Halogen quartz glass heater 400W, Internal memory for automatic sequence of 15 complete drying processes and 5 drying processes carried out, 50 sample plates included, After Sales Support: Product Demonstration & Installation

10. Magnetic Stirrer - brushless DC motor and strong magnetic steel, continuously variable speed, from 100 to 1600 rpm, fast, beautiful appearance, aluminum alloy die-casting shell, structure can prevent liquid from overflowing into the machine, Aluminum heating plate, high heating power, fast heating, heating power 500W, maximum temperature 350, and maximum temperature protection device. The thermal magnetic stirrer has a large heating plate and dual controls, and the magnetic stirrer hot plate has a capacity of up to 3000ml, After Sales Support: Product Demonstration & Installation

7. Food Refractometer

Maximum Measurement:
150 (Oechsle) °Oe, 22 (Vol. AP) %, 25 (KMW) °KMW, 35 (Mass SW) %, Minimum Measurement: 0 (KMW) °KMW, 0 (Mass SW) %, 0 (Oechsle) °Oe, 0 (Vol. AP) %, Best Accuracy: ± 0.2 (KMW) °KMW, ±0.2 (Mass SW) %, ±0.2 (Vol. AP) %, (Oechsle) °Oe., Type: Digital, Battery Type: AAA, Power Source: Battery, Dimensions: 133 x 65 x 38mm, Weight: 200g, Height: 38mm, Length: 133mm, Width 65mm, After Sales Support: [Product Demonstration and Calibration](#)

8. Laboratory Furnace

9. Moisture Analyzer

Minimum Operating Temperature :+5°C
Maximum Operating Temperature: +40°C,
Backlit LCD display, digit height 14 mm, Drying process active, Active heating profile, Active switch-off criteria, Previous drying time, Current temperature, Unit of the shown result, e.g. moisture (%), Interim result in moisture-%, Halogen quartz glass heater 400W, Internal memory for automatic sequence of 15 complete drying processes and 5 drying processes carried out, 50 sample plates included, After Sales Support: [Product Demonstration](#)

10. Magnetic Stirrer - brushless DC motor and strong magnetic steel, continuously variable speed, from 100 to 1600 rpm, fast, beautiful appearance, aluminum alloy die-casting shell, structure can prevent liquid from overflowing into the machine, Aluminum heating plate, high heating power, fast heating, heating power 500W, maximum temperature 350, and maximum temperature protection device. The thermal magnetic stirrer has a large heating plate and dual controls, and the magnetic stirrer hot plate has a capacity of up to 3000ml, [After Sales Support: Product Demonstration](#)



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LOT 2 – FOOD PROCESSING EQUIPMENT

11. Pressure Canner and Cooker

Professional quality, extra heavy duty cast aluminum construction throughout for fast & even heating, Stay-cool bakelite top handle, Geared steam gauge, Equipped with 2 automatic venting features which provide an extra margin of safety (the safety control valve & overpressure plug), Pressure regulator weight with settings of 5, 10 and 15 psi, Smooth, easy to clean satin finish, Double thickness edges for additional protection on points of heaviest wear, Includes 2 cooking/canning racks and instruction & recipe book, Capacity - 41 1/2 Quarts (Liquid), 32 Pint Jars, 19 Quart Jars, Inside diameter - 15 1/4 inches, Inside Height - 14 1/4 inches, Overall Height - 19 inches, 1 Year Limited Manufacturer's Warranty

12. Dual Fuel Range with Gas Stove and Electric Oven

6.0 cu. ft., 7 detachable burners with electronic spark ignition, Incredible no-scratch porcelain cooktop., "Stay-put" hinges that won't smash your knuckles when you close the door., "3 layered glass windows" for increased visibility., Control: Console Knob, Voltage: 220 Volts, Fuel type: Gas Material Type: Stainless Steel After Sales Support: Product Demonstration & Installation

13. Silent Cutter

5L Electric Silent Bowl Chopper, Sisig Cutter, Meat Chopper, Vegetable Chopper, Power: 0.75HP, Volts: 220V, Power Consumption: 550W, Frequency: 50Hz/ 60Hz, Efficiency: 5L Bowl, Weight: 50kg, Stainless Steel Body, Dimension: 49 x 43 x 53cm, After Sales Support: Product Demonstration & Installation

14. Electric Mixer

High-quality high-torque motor, high power, high temperature resistance, low noise, Power: 1100W, Voltage: 220V, Capacity:30L, Three

LOT 2 – FOOD PROCESSING EQUIPMENT

11. Pressure Canner and Cooker

Professional quality, extra heavy duty cast aluminum construction throughout for fast & even heating, Stay-cool bakelite top handle, Geared steam gauge, Equipped with 2 automatic venting features which provide an extra margin of safety (the safety control valve & overpressure plug), Pressure regulator weight with settings of 5, 10 and 15 psi, Smooth, easy to clean satin finish, Double thickness edges for additional protection on points of heaviest wear, Includes 2 cooking/canning racks and instruction & recipe book, Capacity - 41 1/2 Quarts (Liquid), 32 Pint Jars, 19 Quart Jars, Inside diameter - 15 1/4 inches, Inside Height - 14 1/4 inches, Overall Height - 19 inches, [Supplier's Warranty](#)

12. Dual Fuel Range with Gas Stove and Electric Oven

6.0 cu. ft., 7 detachable burners with electronic spark ignition, Incredible no-scratch porcelain cooktop., "Stay-put" hinges that won't smash your knuckles when you close the door., "3 layered glass windows" for increased visibility., Control: Console Knob, Voltage: 220 Volts, Fuel type: Gas Material Type: Stainless Steel After Sales Support: [Product Demonstration](#) [Supplier's Warranty](#)

13. Silent Cutter

5L Electric Silent Bowl Chopper, Sisig Cutter, Meat Chopper, Vegetable Chopper, Power: 0.75HP, Volts: 220V, Power Consumption: 550W, Frequency: 50Hz/ 60Hz, Efficiency: 5L Bowl, Weight: 50kg, Stainless Steel Body, Dimension: 49 x 43 x 53cm, After Sales Support: [Product Demonstration](#) [Supplier's Warranty](#)

14. Electric Mixer

High-quality high-torque motor, high power, high temperature resistance, low noise, Power: 1100W, Voltage: 220V, Capacity:30L, Three



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major accessories: egg-beating cage. Clapper board. Kneading hook, Unique motor protection device, high-efficiency prote
After Sales Support: Product Demonstration & Installation

15. Homogenizer

Max. Loading Capacity: 10000L, Condition: New, Product Type: small homogenizer mixer, Application: liquid, liquid with powder
Additional Capabilities: refining, homogenizing, emulsifying, Voltage: 220V/380V/440V, Dimension(L*W*H): according to processing capacity, Warranty: Two Years, After-sales Service Provided: Engineers available to service machinery overseas, Certification: CE ISO, Power: 1.5KW~75KW, Machine Type: High shear mixer In-line mixer, Type: in-line high shear emulsifier, in-line homogenizer, Function: High Shear Dispersing, homogenizing, emulsifying, Usage: homogenizer liquid milk, cream, beverage, liquid and powder, applicable to: blend, disperse, homogenize and emulsify liquid. Motor: 1.5KW to 132KW, Electricity: work with 3PHZ electricity, 220V, Rated processing capacity: 100Litre/Hour to 10000litres/Hour, After Sales Support: Product Demonstration & Installation

16. Mechanical Dryer

Power: 1500W Voltage: 110/220V, 50/60HZ Temperature: 40~90°C Internal volume: 100L
Trays: 16 trays Tray size: 396x396mm, 8mm hole, 35mm distance between two layers
Product size: 52L*42W*60H(CM) Material: Stainless steel Control: Mechanical control, After Sales Support: Product Demonstration & Installation

17. Extraction Machine (Hydraulics press)

Voltage: 220/110V, Power: 1200W, Production capacity: 7.5-12.5Kg/h, Net weight: 20kg, Gross weight: 25kg, Product size: 56*20*38cm, Material: Stainless steel, Package size: 66*30*45cm, Warranty: 1 year, After Sales Support: Product Demonstration & Installation

major accessories: egg-beating cage. Clapper board. Kneading hook, Unique motor protection device, high-efficiency prote

After Sales Support: Product Demonstration
Supplier's Warranty

15. Homogenizer

Max. Loading Capacity: 10000L, Condition: New, Product Type: small homogenizer mixer, Application: liquid, liquid with powder
Additional Capabilities: refining, homogenizing, emulsifying, Voltage: 220V Dimension(L*W*H): according to processing capacity, Warranty: Two Years, After-sales Service Provided: Engineers available to service machinery overseas, Certification: CE ISO, Power: 1.5KW~75KW, Machine Type: High shear mixer In-line mixer, Type: in-line high shear emulsifier, in-line homogenizer, Function: High Shear Dispersing, homogenizing, emulsifying, Usage: homogenizer liquid milk, cream, beverage, liquid and powder, applicable to: blend, disperse, homogenize and emulsify liquid. Motor: 1.5KW to 132KW, Electricity: work with 3PHZ electricity, 220V, Rated processing capacity: 100Litre/Hour to 10000litres/Hour, After Sales Support: Product Demonstration, Supplier's Warranty

16. Mechanical Dryer

Power: 1500W Voltage: 110/220V, 50/60HZ Temperature: 40~90°C Internal volume: 100L
Trays: 16 trays Tray size: 396x396mm, 8mm hole, 35mm distance between two layers
Product size: 52L*42W*60H(CM) Material: Stainless steel Control: Mechanical control, After Sales Support: Product Demonstration & Installation
Supplier's Warranty

17. Extraction Machine (Hydraulics press)

Voltage: 220V, Power: 1200W, Production capacity: 7.5-12.5Kg/h, Net weight: 20kg, Gross weight: 25kg, Product size: 56*20*38cm, Material: Stainless steel, Package size: 66*30*45cm, After Sales Support: Product Demonstration & Installation
Supplier's Warranty



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18. Food Grinder

Power: 5000 (W), Voltage: 220(V)/110(V)
Speed: 32000 (r/min), Grinding fineness: 60-320, Weight: 13.5(kg), Volume: 260 x 260 x 420 (MM), Yield: 8000g/h, Material: Stainless Steel, Certification : CE, CCC Warranty : 1 year, After Sales Support: Product Demonstration & Installation

LOT 3 – FOOD APPLIANCES (LOW TEMPERATURE)

19. Refrigerator

14.3 cu.ft. Two Door Top Freezer Inverter Refrigerator, Jumbo Freezer, Clean and Hygienic Storage, Energy Savings, Modern & Stylish Design, Fresh Safe Vegetable Case, Surround Cooling Air Flow, 100 kg Tempered Glass Shelves, Removable Ice Box, Stainless Body Color, Flat Door Design, Net Capacity: 369 L (13.0 cu.ft.)

20. Chiller

14 cu.ft Premium Showcase Chiller, Super Quick Chill Cooling System (Chills 3x faster than normal chiller), Turbo Fan, Digital Temperature Control, 7-Level Temperature Control, Clean Back Design, Heavy Duty and Commercial Quality, Galvanized Inner Lining, Adjustable Heavy Duty Wire Shelves, Recessed Handle / Adjustable Leveling Feet, 450W Input Power, Dimension: (h:w:d) 72.5 : 26 : 24.75

21. Ice Maker

Condition: New, Ice shape: Cube Ice, Voltage: 220V, Power: 360W, Dimension(L*W*H): 500 x 460 x 820mm, Capacity: 50KG to 100KG/24 hours, Water-cooled type, Volume Capacity: 50L, Cooling System Type: Auto Defrost Freezer Type: Build-in, Power Consumption: 380W, Warranty: 1 Year, After-sales Service Provided: Online Support, Engineers available to service machinery, Product Demonstration and Installation

18. Food Grinder

Power: 5000 (W), Voltage: 220V
Speed: 32000 (r/min), Grinding fineness: 60-320, Weight: 13.5(kg), Volume: 260 x 260 x 420 (MM), Yield: 8000g/h, Material: Stainless Steel, After Sales Support: Product Demonstration Supplier's Warranty

LOT 3 – FOOD APPLIANCES (LOW TEMPERATURE)

19. Refrigerator

14.3 cu.ft. Two Door Top Freezer Inverter Refrigerator, Jumbo Freezer, Clean and Hygienic Storage, Energy Savings, Modern & Stylish Design, Fresh Safe Vegetable Case, Surround Cooling Air Flow, 100 kg Tempered Glass Shelves, Removable Ice Box, Stainless Body Color, Flat Door Design, Net Capacity: 369 L (13.0 cu.ft.), Voltage: 220V Supplier's Warranty

20. Chiller

14 cu.ft Premium Showcase Chiller, Super Quick Chill Cooling System (Chills 3x faster than normal chiller), Turbo Fan, Digital Temperature Control, 7-Level Temperature Control, Clean Back Design, Heavy Duty and Commercial Quality, Galvanized Inner Lining, Adjustable Heavy Duty Wire Shelves, Recessed Handle / Adjustable Leveling Feet, 450W Input Power, Voltage: 220V, Dimension: (h:w:d) 72.5 : 26 : 24.75 Supplier's Warranty

21. Ice Maker

Condition: New, Ice shape: Cube Ice, Voltage: 220V, Power: 360W, Dimension(L*W*H): 500 x 460 x 820mm, Capacity: 50KG to 100KG/24 hours, Water-cooled type, Volume Capacity: 50L, Cooling System Type: Auto Defrost Freezer Type: Build-in, Power Consumption: 380W, Online Support, Engineers available to service machinery, Product Demonstration and Installation, Supplier's Warranty



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(Good governance, Research-oriented, Extension-driven, Education for Sustainable Development & Nation-building)*

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22. Freezer

Capacity: 100 L, Door Type: Top Open Door, Power source: Electric, Body Material: Stainless Steel, Shape: Rectangular, Voltage: 220 - 240 V, Frequency: 50 Hz

LOT 4 – PACKAGING EQUIPMENT

23. Sealer

Impulse heat sealer, 300 mm seal length, 2 mm seal width, Maximum total seal thickness of 2 x 150 µm (micron), Weight of 4.5 kg, Sealing output of 100 seals per shift

24. Sealing Machine

Applicable Industries: Manufacturing Plant, Food & Beverage Factory, Condition: New, Application: Food, Beverage, Commodity, Medical, Chemical, Packaging Type: CANS, Packaging Material: Plastic, Paper, Metal, Automatic Grade: Semi-automatic, Driven Type: Electric, Voltage: 220V,50HZ, 220V, 50Hz, Dimension(L*W*H): 650*420*1350mm, Weight: 122kg, 122kg, Warranty: 1 Year, Key Selling Points: Easy to Operate, Marketing Type: Ordinary Product, Machinery Test Report: Provided, Warranty of core components: 1 Year, Core Components: Gear, Gearbox, Motor, Bearing, Max Speed: 30pcs/min, Product name: Semi Auto Electric Drive #10 Can Seaming Machine Tuna Can Sealer, After-sales Service Provided: Engineers available to service machinery overseas, Free spare parts, Field installation, commissioning and training, Field maintenance and repair service, Video technical support, Online support, Material: Stainless Steel, Application fields: tin cans, aluminum cans, paper cans, Can Sealing Height: 50-200mm (Adjustable), Can Sealing Speed: 25 - 30 cans / min, Power: 0.37KW Size: 650(L)*420(W)*1350(H)mm, After Warranty Service: Video technical support, Online support, Spare parts, Field maintenance and repair service, Local Service, Certification: CE Certification

22. Freezer

Capacity: 100 L, Door Type: Top Open Door, Power source: Electric, Body Material: Stainless Steel, Shape: Rectangular, Voltage: 220V, Frequency: 50 Hz

LOT 4 – PACKAGING EQUIPMENT

23. Sealer

Impulse heat sealer, 300 mm seal length, 2 mm seal width, Maximum total seal thickness of 2 x 150 µm (micron), Weight of 4.5 kg, Sealing output of 100 seals per shift, Voltage: 220V

24. Sealing Machine

Applicable Industries: Manufacturing Plant, Food & Beverage Factory, Condition: New, Application: Food, Beverage, Commodity, Medical, Chemical, Packaging Type: CANS, Packaging Material: Plastic, Paper, Metal, Automatic Grade: Semi-automatic, Driven Type: Electric, Voltage: 220V,50HZ, Dimension(L*W*H): 650*420*1350mm, Weight: 122kg, Warranty: 1 Year, Key Selling Points: Easy to Operate, Marketing Type: Ordinary Product, Machinery Test Report: Provided, Warranty of core components: 1 Year, Core Components: Gear, Gearbox, Motor, Bearing, Max Speed: 30pcs/min, Product name: Semi Auto Electric Drive #10 Can Seaming Machine Tuna Can Sealer, Field installation, commissioning and training, Field maintenance and repair service, Video technical support, Online support, Material: Stainless Steel, Application fields: tin cans, aluminum cans, paper cans, Can Sealing Height: 50-200mm (Adjustable), Can Sealing Speed: 25 - 30 cans / min, Power: 0.37KW Size: 650(L)*420(W)*1350(H)mm, After Warranty Service: Video technical support, Online support, Spare parts, Field maintenance and repair service, Local Service, Certification: CE Certification, Supplier's Warranty



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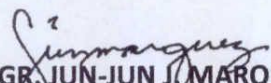
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| | |
|--|---|
| <p>25. Vacuum Sealer Voltage Supply: 220V/60Hz, Motor Power: 370 Watts, Sealing, Power: 700 Watts, Pressure: 1300 Pa, Sealing Length: 10, Sealing Thickness: up to 10mm, Weight: 35 Kilograms, Service Warranty: 6 months, After Sales Support: Product Demonstration and Installation</p> <p>Deadline of Submission: May 12, 2022 10:30 A.M.</p> <p>Opening of Bids May 12, 2022 11:00 A.M.</p> <p>Zoom Meeting Password: 051222</p> <p>(Due to Scheduled BOT Meeting)</p> | <p>25. Vacuum Sealer Voltage Supply: 220V/60Hz, Motor Power: 370 Watts, Sealing, Power: 700 Watts, Pressure: 1300 Pa, Sealing Length: 10, Sealing Thickness: up to 10mm, Weight: 35 Kilograms, Service Warranty: 6 months, After Sales Support: Product Demonstration</p> <p>Deadline of Submission: May 17, 2022 10:30 A.M.</p> <p>Opening of Bids May 17, 2022 11:00 A.M.</p> <p>Zoom Meeting Password: 051722</p> |
|--|---|

For guidance and information of all concerned.

For the BAC:


ENGR. JUN-JUN S. MARQUEZ
 BAC Chairperson

Received by the Bidder: _____

_____ Date



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Section VI. Schedules of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

| Item # | Description | Quantity | Total | Delivered, Weeks/Months |
|--------|---|----------|-------|-------------------------|
| | LOT 1 - LABORATORY AND MEASUREMENT EQUIPMENT | | | |
| 1 | Analytical Balance Weighing Capacity: 320g, Resolution: 0.1 mg, Parts Counting:Yes, Interface: Type RS232, Plug Type: Type B - North American 3-pin, Type C - European Plug, Type G - British 3-pin, Weighpan Diameter: 91mm, Net Weight: 6.44kg, Model Number p: ABJ 320-4NM, Maximum Operating Temperature: +40°C, Minimum Operating Temperature: +5°C, After Sales Support: Product Demonstration & Calibration, Food Grade | 1 | 1 | |
| 2 | Digital Weighing Scale (Large) Color: White Dimensions: (13.58 x 12.99 x 4.72)"/(34.5 x 33 x 12)cm (L x W x H), Weight: 97.81oz / 2773g, Material: Plastic & Iron Sheet, Capacity: min-2g max-40 kg, Division: 5g, Precision: 1/3000F.S, Graduation: 5g, Zero range: ≤+2% Max, Rated Voltage 220 VAC, Power Loss: ≤10uA, Unit: kg / lb, New and in a good condition, Storage up to 8 unit prices, Accumulate operation (0-99), Account function, do memory recall, give change and memory clear one time, Auto shut off function to save power, Display window: 5-digit weight window; 5-digit unit price window and 6-digit total price, <u>Duly Calibrated</u> | 5 | 5 | |
| 3 | Digital Caliper Capacity: 200mm, Imperial or Metric, Accuracy: 0.03 mm, Resolution: 0.0005 in, 0.01 mm, After Sales Support: Product Demonstration, <u>Duly Calibrated</u> | 2 | 2 | |
| 4 | Dissolve Oxygen Meter - Battery Type:4 x LR44 button batteries, Dissolved Oxygen measuring range: 0.00-20.00mg/L Accuracy: ±0.4mg/L, Respond time: <;30s, Temperature measuring range:0-40°, Solvement temperature compensation range:0-40°, Data hold:yes, Backlight:yes, Calibration:yes, Size:140 x 40 x 40mm, Weight:132g Package List: 1 * Dissolved Oxygen Meter 1 * Storage Bag 1 * User Manual | 2 | 2 | |
| 5 | Food pH Meter range: 0 to 14 pH, resolution: 0.01/.1 pH, Accuracy: ±0.01 pH ±1 digit, Temperature Compensation: 0 to 100°C (Auto or Manual), mV range: -1000 mV - 0 - 1000 mV, resolution: 1 mV, accuracy: ±0.2% F.S ±1 digit, Temperature range: 0 to 100°C (23 to 212°F), resolution: 0.1°C, accuracy: ±0.5°C ±1 digit, Power: AA Batteries * 3 / DC5V (USB port), IP Ranking: IP57 dust-proof and waterproof, Dimensions & Weight: Meter: (88_170_33) mm/ 313g With case_(360_270_76) mm/ 1.6kg, <u>After Sales Support: Product Demonstration & Calibration</u> | 2 | 2 | |
| 6 | Food Thermometer Temperature Range:32°F to | 3 | 3 | |

| | | |
|----|--|--|
| | active, Active heating profile, Active switch-off criteria, Previous drying time, Current temperature, Unit of the shown result, e.g. moisture (%), Interim result in moisture-%, Halogen quartz glass heater 400 W, Internal memory for automatic sequence of 15 complete drying processes and 5 drying processes carried out, 50 sample plates included, After Sales Support: Product Demonstration | |
| 10 | Magnetic Stirrer - brushless DC motor and strong magnetic steel, continuously variable speed, from 100 to 1600 rpm, fast, beautiful appearance, aluminum alloy die-casting shell, structure can prevent liquid from overflowing into the machine, Aluminum heating plate, high heating power, fast heating, heating power 500W, maximum temperature 350, and maximum temperature protection device. The thermal magnetic stirrer has a large heating plate and dual controls, and the magnetic stirrer hot plate has a capacity of up to 3000ml, After Sales Support: Product Demonstration | |
| | SUB-ABC = PhP 665,000.00 | |
| | LOT 2 - FOOD PROCESSING EQUIPMENT | |
| 11 | Pressure Canner and Cooker Professional quality, extra heavy duty cast aluminum construction throughout for fast & even heating, Stay-cool bakelite top handle, Geared steam gauge, Equipped with 2 automatic venting features which provide an extra margin of safety (the safety control valve & overpressure plug), Pressure regulator weight with settings of 5, 10 and 15 psi, Smooth, easy to clean satin finish, Double thickness edges for additional protection on points of heaviest wear, Includes 2 cooking/canning racks and instruction & recipe book, Capacity - 41 1/2 Quarts (Liquid), 32 Pint Jars, 19 Quart Jars, Inside diameter - 15 1/4 inches, Inside Height - 14 1/4 inches, Overall Height - 19 inches, Supplier's Warranty | |
| 12 | Dual Fuel Range with Gas Stove and Electric Oven 6.0 cu. ft., 7 detachable burners with electronic spark ignition, Incredible no-scratch porcelain cooktop., "Stay-put" hinges that won't smash your knuckles when you close the door., "3 layered glass windows" for increased visibility., Control: Console Knob, Voltage: 220 Volts, Fuel type: Gas Material Type: Stainless Steel After Sales Support: Product Demonstration, Supplier's Warranty | |
| 13 | Silent Cutter 5L Electric Silent Bowl Chopper, Sisig Cutter, Meat Chopper, Vegetable Chopper, Power: 0.75HP, Volts: 220V, Power Consumption: 550W, Frequency: 50Hz/ 60Hz, Efficiency: 5L Bowl, Weight: 50kg, Stainless Steel Body, Dimension: 49 x 43 x 53cm, After Sales Support: Product Demonstration, Supplier's Warranty | |
| 14 | Electric Mixer High-quality high-torque motor, high power, high temperature resistance, low noise, Power: 1100W, Voltage: 220V, Capacity:30L, Three major accessories: egg-beating cage. Clapper board. Kneading hook, Unique motor protection device, high-efficiency prote After Sales Support: Product Demonstration, Supplier's Warranty | |
| 15 | Homogenizer | |

| | | |
|----|---|--|
| | Max. Loading Capacity: 10000L, Condition: New, Product Type: small homogenizer mixer, Application: liquid, liquid with powder Additional Capabilities: refining, homogenizing, emulsifying, Voltage: 220V Dimension(L*W*H): according to processing capacity, Warranty: Two Years, After-sales Service Provided: Engineers available to service machinery overseas, Certification: CE ISO, Power: 1.5KW~75KW, Machine Type: High shear mixer In-line mixer, Type: in-line high shear emulsifier, in-line homogenizer, Function: High Shear Dispersing, homogenizing, emulsifying, Usage: homogenizer liquid milk, cream, beverage, liquid and powder, applicable to: blend, disperse, homogenize and emulsify liquid. Motor: 1.5KW to 132KW, Electricity: work with 3PHZ electricity, 220V, Rated processing capacity: 100Litre/Hour to 10000litres/Hour, After Sales Support: Product Demonstration, Supplier's Warranty | |
| 16 | Mechanical Dryer Power: 1500W Voltage: 110/220V, 50/60HZ Temperature: 40~90°C Internal volume: 100L Trays: 16 trays Tray size: 396x396mm, 8mm hole, 35mm distance between two layers Product size: 52L*42W*60H(CM) Material: Stainless steel Control: Mechanical control, After Sales Support: Product Demonstration & Installation Supplier's Warranty | |
| 17 | Extraction Machine (Hydraulic Press) Voltage: 220V, Power: 1200W, Production capacity: 7.5-12.5Kg/h, Net weight: 20kg, Gross weight: 25kg, Product size: 56*20*38cm, Material: Stainless steel, Package size: 66*30*45cm, Warranty: 1 year, After Sales Support: Product Demonstration & Installation Supplier's Warranty | |
| 18 | Food Grinder Power: 5000 (W), Voltage: 220V Speed: 32000 (r/min), Grinding fineness: 60-320, Weight: 13.5(kg), Volume: 260 x 260 x 420 (MM), Yield: 8000g/h, Material: Stainless Steel, After Sales Support: Product Demonstration, Supplier's Warranty | |
| | SUB-ABC = PhP 430,000.00 | |
| | LOT 3 - FOOD APPLIANCES (LOW TEMPERATURE) | |
| 19 | Refrigerator 14.3 cu.ft. Two Door Top Freezer Inverter Refrigerator, Jumbo Freezer, Clean and Hygienic Storage, Energy Savings, Modern & Stylish Design, Fresh Safe Vegetable Case, Surround Cooling Air Flow, 100 kg Tempered Glass Shelves, Removable Ice Box, Stainless Body Color, Flat Door Design, Net Capacity: 369 L (13.0 cu.ft.), Voltage: 220V Supplier's Warranty | |
| 20 | Chiller 14 cu.ft Premium Showcase Chiller, Super Quick Chill Cooling System(Chills 3x faster than normal chiller), Turbo Fan, Digital Temperature Control, 7-Level Temperature Control, Clean Back Design, Heavy Duty and Commercial Quality, Galvanized Inner Lining, Adjustable Heavy Duty Wire Shelves, Recessed Handle / Adjustable Leveling Feet, | |



CARLOS HILADO MEMORIAL STATE COLLEGE

BIDS AND AWARDS COMMITTEE

Talisay City, Negros Occidental
 Tel. No. (034) 712-0003 (Local 142)
 Email Add.: bac.sec@chmsc.edu.ph

Project Reference No: **CHMSC 22-016-0420-G**
 Name of the Project: **PROCUREMENT OF VARIOUS LABORATORY EQUIPMENT FOR COPC AND ACCREDITATION COMPLIANCE OF THE COLLEGE OF FISHERIES (POST-HARVEST LABORATORY)**
 Location of the Project: **BINALBAGAN CAMPUS WITH ADDENDUM/BID SUPPLEMENT**

BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|--|------------|-------------|
| | | | LOT 1 - LABORATORY AND MEASUREMENT EQUIPMENT | | |
| 1 | 1 | unit | Analytical Balance Weighing Capacity: 320g, Resolution: 0.1 mg, Parts Counting:Yes, Interface: Type RS232, Plug Type: Type B - North American 3-pin, Type C - European Plug, Type G - British 3-pin, Weighpan Diameter: 91mm, Net Weight: 6.44kg, Model Number p: ABJ 320-4NM, Maximum Operating Temperature: +40°C, Minimum Operating Temperature: +5°C, After Sales Support: Product Demonstration & Calibration, Food Grade | | |
| 2 | 5 | unit | Digital Weighing Scale (Large) Color: White Dimensions: (13.58 x 12.99 x 4.72)"/(34.5 x 33 x 12)cm (L x W x H), Weight: 97.81oz / 2773g, Material: Plastic & Iron Sheet, Capacity: min-2g max-40 kg, Division: 5g, Precision: 1/3000F.S, Graduation: 5g, Zero range: ≤+2% Max, Rated Voltage 220 VAC, Power Loss: ≤10uA, Unit: kg / lb, New and in a good condition, Storage up to 8 unit prices, Accumulate operation (0-99), Account function, do memory recall, give change and memory clear one time, Auto shut off function to save power, Display window: 5-digit weight window; 5-digit unit price window and 6-digit total price, Duly Calibrated | | |
| 3 | 2 | unit | Digital Caliper Capacity: 200mm, Imperial or Metric, Accuracy: 0.03 mm, Resolution: 0.0005 in, 0.01 mm, After Sales Support: Product Demonstration, Duly Calibrated | | |
| 4 | 2 | unit | Dissolve Oxygen Meter - Battery Type:4 x LR44 button batteries, Dissolved Oxygen measuring range: 0.00-20.00mg/L Accuracy: ±0.4mg/L, Respond time: <;30s, Temperature measuring range:0-40°, Solvement temperature compensation range:0-40°, Data hold:yes, Backlight:yes, Calibration:yes, Size:140 x 40 x 40mm, | | |

Signature of Bidder _____
 Name of Firm _____
 Date _____



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BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|--|------------|-------------|
| | | | Weight:132g | | |
| | | | Package List: | | |
| | | | 1 * Dissolved Oxygen Meter | | |
| | | | 1 * Storage Bag | | |
| | | | 1 * User Manual | | |
| 5 | 2 | unit | Food pH Meter range: 0 to 14 pH, resolution: 0.01/.1 pH, Accuracy: ±0.01 pH ±1 digit, Temperature Compensation: 0 to 100°C (Auto or Manual), mV range: -1000 mV - 0 - 1000 mV, resolution: 1 mV, accuracy: ±0.2% F.S ±1 digit, Temperature range: 0 to 100°C (23 to 212°F), resolution: 0.1°C, accuracy: ±0.5°C ±1 digit, Power: AA Batteries * 3 / DC5V (USB port), IP Ranking: IP57 dust-proof and waterproof, Dimensions & Weight: Meter: (88_170_33) mm/ 313g With case_(360_270_76) mm/ 1.6kg, After Sales Support: Product Demonstration & Calibration | | |
| 6 | 3 | unit | Food Thermometer Temperature Range:32°F to 572°F (0°C to 300°C), Battery:4 x AAA batteries, Temperature Accuracy:±1.8°F (±1°C) from 32 to 212°F (0 to 100°C), Resolution:1°, Probe Length:6½" food grade stainless steel probe and 3" oven/bbq stainless steel probe, Cable Length:40" stainless steel mesh cable, Remote Range: Up to 300 feet, Certifications: FCC certified, CE certified, ROHS, FDA approved probe, Probe and Wire can withstand up to 716°F (380°C), Uses: BBQ, Oven, Smoker, Candy, Meat, Food, After Sales Support: Product Demonstration Food Grade | | |
| 7 | 2 | unit | Food Refractometer - Maximum Measurement: 150 (Oechsle) °Oe, 22 (Vol. AP) %, 25 (KMW) °KMW, 35 (Mass SW) %, Minimum Measurement: 0 (KMW) °KMW, 0 (Mass SW) %, 0 (Oechsle) °Oe, 0 (Vol. AP) %, Best Accuracy: ± 0.2 (KMW) °KMW, ±0.2 | | |

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BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|---|------------|-------------|
| | | | (Mass SW) %, ±0.2 (Vol. AP) %, ±1 (Oechsle) °Oe., Type: Digital, Battery Type: AAA, Power Source: Battery, Dimensions: 133 x 65 x 38mm, Weight: 200g, Height: 38mm, Length: 133mm,; Width 65mm, After Sales Support: Product Demonstration and Calibration | | |
| 8 | 1 | unit | Laboratory Furnace Laboratory economic muffle furnace with flap door. Max temperature 1050. Recommended ideal running temperature is 850~900. Water, soil, ceramic, metal, alloy, plastic and battery electrolyte analysis, heat treatment and innovation. Heating from 3 sides and single housing. Exhaust air outlet on the head of chamber, Light weight (34kg, 76lbs), 200x310x180mm internal, 11L, 2.8kW heater, 220V. Universal use for metal and ceramic heat treatment including annealing, sintering, melting, combustion, ashing and densification, After Sales Support: Product Demonstration & Installation | | |
| 9 | 1 | unit | Moisture Analyzer Minimum Operating Temperature :+5°C Maximum Operating Temperature: +40°C, Backlit LCD display, digit height 14 mm, Drying process active, Active heating profile, Active switch-off criteria, Previous drying time, Current temperature, Unit of the shown result, e.g. moisture (%), Interim result in moisture-%, Halogen quartz glass heater 400 W, Internal memory for automatic sequence of 15 complete drying processes and 5 drying processes carried out, 50 sample plates included, After Sales Support: Product Demonstration | | |
| 10 | 2 | unit | Magnetic Stirrer - brushless DC motor and strong magnetic steel, continuously variable speed, from 100 to 1600 rpm, fast, beautiful appearance, aluminum alloy die-casting shell, structure can prevent liquid from overflowing into the machine, Aluminum heating plate, | | |

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 Location of the Project: **BINALBAGAN CAMPUS WITH ADDENDUM/BID SUPPLEMENT**

page 4 of 8

BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|---|------------|-------------|
| | | | high heating power, fast heating, heating power 500W, maximum temperature 350, and maximum temperature protection device. The thermal magnetic stirrer has a large heating plate and dual controls, and the magnetic stirrer hot plate has a capacity of up to 3000ml, After Sales Support: Product Demonstration | | |
| | | | SUB-ABC = PhP 665,000.00 | | |
| 11 | 2 | unit | LOT 2 - FOOD PROCESSING EQUIPMENT Pressure Canner and Cooker Professional quality, extra heavy duty cast aluminum construction throughout for fast & even heating, Stay-cool bakelite top handle, Geared steam gauge, Equipped with 2 automatic venting features which provide an extra margin of safety (the safety control valve & overpressure plug), Pressure regulator weight with settings of 5, 10 and 15 psi, Smooth, easy to clean satin finish, Double thickness edges for additional protection on points of heaviest wear, Includes 2 cooking/canning racks and instruction & recipe book, Capacity - 41 1/2 Quarts (Liquid), 32 Pint Jars, 19 Quart Jars, Inside diameter - 15 1/4 inches, Inside Height - 14 1/4 inches, Overall Height - 19 inches, Supplier's Warranty | | |
| 12 | 1 | unit | Dual Fuel Range with Gas Stove and Electric Oven 6.0 cu. ft., 7 detachable burners with electronic spark ignition, Incredible no-scratch porcelain cooktop., "Stay-put" hinges that won't smash your knuckles when you close the door., "3 layered glass windows" for increased visibility., Control: Console Knob, Voltage: 220 Volts, Fuel type: Gas Material Type: Stainless Steel After Sales Support: Product Demonstration, Supplier's Warranty | | |
| 13 | 1 | unit | Silent Cutter 5L Electric Silent Bowl Chopper, Sisig Cutter, Meat Chopper, Vegetable Chopper, | | |

Signature of Bidder _____
 Name of Firm _____
 Date _____



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 Location of the Project: **BINALBAGAN CAMPUS WITH ADDENDUM/BID SUPPLEMENT**

page 5 of 8

BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|--|------------|-------------|
| | | | Power: 0.75HP, Volts: 220V, Power Consumption: 550W, Frequency: 50Hz/ 60Hz, Efficiency: 5L Bowl, Weight: 50kg, Stainless Steel Body, Dimension: 49 x 43 x 53cm, After Sales Support: Product Demonstration, Supplier's Warranty | | |
| 14 | 2 | unit | Electric Mixer High-quality high-torque motor, high power, high temperature resistance, low noise, Power: 1100W, Voltage: 220V, Capacity:30L, Three major accessories: egg-beating cage. Clapper board. Kneading hook, Unique motor protection device, high-efficiency prote After Sales Support: Product Demonstration, Supplier's Warranty | | |
| 15 | 2 | unit | Homogenizer Max. Loading Capacity: 10000L, Condition: New, Product Type: small homogenizer mixer, Application: liquid, liquid with powder Additional Capabilities: refining, homogenizing, emulsifying, Voltage: 220V Dimension(L*W*H): according to processing capacity, Warranty: Two Years, After-sales Service Provided: Engineers available to service machinery overseas, Certification: CE ISO, Power: 1.5KW~75KW, Machine Type: High shear mixer In-line mixer, Type: in-line high shear emulsifier, in-line homogenzer, Function: High Shear Dispersing, homogenizing, emulsifying, Usage: homogenizer liquid milk, cream, beverage, liquid and powder, applicable to: blend, disperse, homogenize and emulsify liquid. Motor: 1.5KW to 132KW, Electricity: work with 3PHZ electricity, 220V, Rated processing capacity: 100Litre/Hour to 10000litres/Hour, After Sales Support: Product Demonstration, Supplier's Warranty | | |
| 16 | 1 | unit | Mechanical Dryer Power: 1500W Voltage: 110/220V, 50/60HZ | | |

Signature of Bidder _____
 Name of Firm _____
 Date _____



Project Reference No: **CHMSC 22-016-0420-G**
 Name of the Project: **PROCUREMENT OF VARIOUS LABORATORY EQUIPMENT FOR COPC AND ACCREDITATION COMPLIANCE OF THE COLLEGE OF FISHERIES (POST-HARVEST LABORATORY)**
 Location of the Project: **BINALBAGAN CAMPUS WITH ADDENDUM/BID SUPPLEMENT**

BILL OF QUANTITIES

Date: _____

| Item No. | Qty | Unit | ARTICLES and DESCRIPTION | Unit Price | Total Price |
|----------|-----|------|--|------------|-------------|
| | | | Temperature: 40~90°C Internal volume: 100L Trays: 16 trays Tray size: 396x396mm, 8mm hole, 35mm distance between two layers Product size: 52L*42W*60H(CM) Material: Stainless steel Control: Mechanical control, After Sales Support: Product Demonstration & Installation Supplier's Warranty | | |
| 17 | 1 | unit | Extraction Machine (Hydraulic Press) Voltage: 220V, Power: 1200W, Production capacity: 7.5-12.5Kg/h, Net weight: 20kg, Gross weight: 25kg, Product size: 56*20*38cm, Material: Stainless steel, Package size: 66*30*45cm, Warranty: 1 year, After Sales Support: Product Demonstration & Installation Supplier's Warranty | | |
| 18 | 1 | unit | Food Grinder Power: 5000 (W), Voltage: 220V Speed: 32000 (r/min), Grinding fineness: 60-320, Weight: 13.5(kg), Volume: 260 x 260 x 420 (MM), Yield: 8000g/h, Material: Stainless Steel, After Sales Support: Product Demonstration, Supplier's Warranty | | |
| | | | SUB-ABC = PhP 430,000.00 | | |
| | | | LOT 3 - FOOD APPLIANCES (LOW TEMPERATURE) | | |
| 19 | 3 | unit | Refrigerator 14.3 cu.ft. Two Door Top Freezer Inverter Refrigerator, Jumbo Freezer, Clean and Hygienic Storage, Energy Savings, Modern & Stylish Design, Fresh Safe Vegetable Case, Surround Cooling Air Flow, 100 kg Tempered Glass Shelves, Removable Ice Box, Stainless Body Color, Flat Door Design, Net Capacity: 369 L (13.0 cu.ft.), Voltage: 220V Supplier's Warranty | | |
| 20 | 2 | unit | Chiller 14 cu.ft Premium Showcase Chiller, Super Quick Chill | | |

Signature of Bidder _____
 Name of Firm _____
 Date _____