



Department of Agriculture
PHILIPPINE CARABAO CENTER
CERTIFIED: ISO 9001 | ISO 14001 | ISO 45001

INVITATION TO BID

ITB/Identification No. PB 2023-180

(CCDP/PCC-UPLB) SUPPLY, DELIVERY AND INSTALLATION OF DAIRY PROCESSING EQUIPMENT TUBIGON, BOHOL

1. The **PHILIPPINE CARABAO CENTER**, through the **CCDP Fund** intends to apply the sum of **Two Million Pesos (P 2,000,000.00)** being the ABC to payments under the contract for **(CCDP/PCC-UPLB) SUPPLY, DELIVERY AND INSTALLATION OF DAIRY PROCESSING EQUIPMENT TUBIGON, BOHOL** under **ITB/Identification No. PB 2023-180**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **PHILIPPINE CARABAO CENTER** now invites bids for the above Procurement Project. Completion of delivery/Works/Services is required within **90 days** as specified in the Schedule of Requirements. Bidders should have completed, within **five (5) 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 a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 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 No. 5183.

4. Prospective Bidders may obtain further information from **PHILIPPINE CARABAO CENTER** and inspect the Bidding Documents at the address given below during Monday to Friday (8am-5pm) except weekends and holidays.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **October 20-November 1, 2023** 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 amount of **Three Thousand Pesos (P 3,000.00) non-refundable**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees presented in person, by facsimile, or through electronic means not later than the submission of their bids.

We encourage bidders to download the bidding documents through PhilGEPS or the PCC Website and pay through bank. Please coordinate with the BAC Secretariat Office through the email address and contact number given below for the bank detail procedures.

6. The **PHILIPPINE CARABAO CENTER** will hold a Pre-Bid Conference (via Zoom for bidders) on **November 7, 2023 (10am)** at **EUSEBIO HALL, PHILIPPINE CARABAO CENTER**, National Headquarter and Gene Pool, Science City of Muñoz, Nueva Ecija through web conference platform via Zoom.

A Personal Meeting ID will be sent through email for each participant at least one day before the event. Prospective bidders need to signify their intention to participate by sending an email to noemi.balais@pcc.gov.ph

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **November 21, 2023 (9am)**. Late bids shall not be accepted.
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 **November 21, 2023 (10am)** at the given address below through web conference platform via Zoom (face to face for the BAC).

A Personal Meeting ID will be sent to participants through email who submitted bid proposals.

10. The **PHILIPPINE CARABAO CENTER** 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 No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. The **PHILIPPINE CARABAO CENTER** Bids and Awards Committee (BAC) will use a non-discretionary and non-discriminatory measure based on sheer luck or chance, which is "draw lots", in the event that two or more bidders have been post-qualified and determined as the bidder having the Lowest Calculated Responsive Bid (LCRB) to determine the final LCRB (In alphabetical order, the bidders shall pick one rolled paper. The lucky bidder who would pick the paper with "Congratulations" remark shall be declared as the final bidder having LCRB and recommended for award of the contract.)

12. Please refer to the following schedule of activities:

Activity	Date	Remarks
Availability of Bidding documents	October 20- November 21, 2023	Downloadable through PhilGEPS, PCC Website and can be requested through email (noemi.balais@pcc.gov.ph)
Payment of Bidding Documents (before submission of bid proposals)	October 20- November 21, 2023	<p>Prospective Bidders may pay the bidding documents through bank deposit to:</p> <p>Bank Name/Branch: Land Bank of the Philippines-CLSU Bank Account No. 2962-1020-37 Account Name: PHILIPPINE CARABAO CENTER LBP Branch where the deposit was made:</p> <p>If bidders opted to pay cash, request Statement of Account (SOA) first from PCC Accounting Office before proceeding to the PCC Cashier's Office</p> <p>Prospective Bidders must email the scanned copy of deposit slip to BAC Secretariat Office with the following details:</p> <ul style="list-style-type: none"> ▪ Project Title ▪ Company Name with Contact Information <p>BAC Secretariat Office: noemi.balais@pcc.gov.ph</p> <p>PCC Cashier's Office will issue Official Receipt after the validation/confirmation of the bank deposit.</p>
Pre-bid Conference (Online for bidders)	November 7, 2023 (10am)	A Personal Meeting ID will be sent through email for each participant at least one day before the event. Prospective bidders need to signify their intention to participate by sending an email to noemi.balais@pcc.gov.ph
Deadline for the submission of bids	November 21, 2023 (9am)	<p>Late bids shall not be accepted.</p> <p>Through personal delivery or through courier at the PCC BAC Secretariat Office</p> <p>Bidders must ensure that the Bid Proposals are properly delivered and received by the BAC Secretariat Office on or before the deadline of submission.</p>
Bid Opening (Online for bidders)	November 21, 2023 (10am)	A Personal Meeting ID will be sent to participants through email who submitted bid proposals on time.

12. The PHILIPPINE CARABAO CENTER (PCC) does not condone any forms of solicitation on any prospective winning and losing bidders by any of our staff/employees or any other party. Any sort of this kind shall be reported immediately to PCC (pccoed2021@gmail.com).

13. For further information, please refer to:

MS. NOEMI V. BALAIS

Head, BAC Secretariat Office
PHILIPPINE CARABAO CENTER
National Headquarters and Gene Pool
Science City of Munoz, Nueva Ecija
Email: noemi.balais@pcc.gov.ph
Contact No.: 0917 824 4374
Website: www.pcc.gov.ph

ERIC P. PALACPAC

Chairperson, Bids and Awards Committee
October 20, 2023

TERMS OF REFERENCE AND CONDITIONS

Project/Title	SUPPLY, DELIVERY AND INSTALLATION OF DAIRY PROCESSING EQUIPMENT (PCC at USF) 1 LOT
Approved Budget for the Contract	One Million Nine Hundred Forty-Five Thousand Pesos (PhP1,945,000.00)
Fund Source	CCDP Fund
Place/Site of delivery	Libertad, Tubigon, Bohol
Project Focal Person and Contact Information	BERNARD C. BACULE <i>CBIN-CCDP Coordinator, PCC at USF</i> <i>Cel No. 09060972903</i>
Delivery Period/Terms	90 calendar days upon receipt of Notice to Proceed
Payment	Choose one [] Progress payment for each delivery of the goods and services covered by the contract [x] Upon completion of delivery, installation and final acceptance of the end-user
Definition of Similar Contract	Similar contract refers to supply, delivery and installation of various dairy processing equipment/food processing equipment

TECHNICAL SPECIFICATIONS

Item No.	Qty	Unit	Equipment/Description	Unit Cost	Total
1	1	unit	PASTEURIZER TANK Capacity: 200 liters Type: Jacketed and Insulated Heating Source: Hot Water Agitator: at least .75kw /1hp, 60 rpm – 80 rpm With CIP Spray Ball Power Supply: 220v, single phase, 60Hz With bi metal thermometer for motoring of temperature Should reach 72°C within 1 hour If steam will be used as a heating medium, the steam should not be used to directly pasteurize the milk	350,000.00	350,000.00
3	1	unit	HOT WATER GENERATOR Type: Water Jacket and Water tube Combination Fuel: Diesel Material: Stainless (at least grade 304) Hot Water Temp: 60C to 95C Operation: Continuous Circulation Complete with Hot Water Pump (.5 -1hp), Automatic Alarm Temperature Indicator and Control Panel Should be able to supply the heat required to pasteurize the 200L milk at 72C within 1 hour (compliant/compatible to the requirement of the pasteurizing tank)	200,000.00	200,000.00
4	1	unit	SANITARY PUMP WITH STRAINER		

			Sanitary Pump Centrifugal pump with open impeller Parts in contact with product - AISI 316L Stainless Steel, and no dead angle in the pump chamber; Food Grade sealing material (nitrile rubber, fluorine rubber, ethylene-propylene rubber; teflon, EDPM etc.) Single internal mechanical seal specifically designed for CIP/SIP without disassemble with sanitary design and complaint with dairy processing protected with Stainless Steel shroud and with height-adjustable hygienically designed legs Electrical: 220V; single phase; 60Hz; 0.75kw Y-Strainer Strains harmful content from the pasteurizing machine that may be accidentally incorporated into milk Material: Stainless Steel 304 Size: 38mm EPDM gaskets Connection: Tri-clamp or SMS connections Mesh Diameter: 25mm; 38 mesh SS304 Filter consists of inlet and outlet housing, inner screen mesh Perforated and wedge wire strainer inserts - interchangeable Compatible with the pipings and fittings; connecting all tanks and centrifugal pumps.	55,000.00	55,000.00
				15,000.00	15,000.00
			COLD FILLING (at 15 to 20 degree Celsius)		
5a	1	unit	PLATE HEAT EXCHANGER Capacity: 500 l/hr 2 section: cooling tower water and chilled water Material: Stainless (at least grade 304) Product entry: (pasteurized milk) temperature should be 75C Product outlet: 15 to 20C	65,000.00	65,000.00
5b	1	unit	Insulated stainless tank with circulating pump (centrifugal pump, at least 1hp, single phase) Capacity: 300L Material: Stainless steel atleast grade 304 Insulation: PU	200,000.00	200,000.00
	1	unit	Cooling Tower For pre-cooling hot milk packed in pouches before final cooling in chilled water Water pump for water circulation in cooling water Waterflow rate : 32 GPM Height of cooling tower : 56 7/8" Diameter of cooling water : 46" Fan motor : 1/4 hp, 220/1phase, 60 Hz Filling : PVC cross corrugated fillers (loose rolls) Casing: FRP (Fiberglass reinforced polyester) Metal parts : Hot dip galvanized Motor Control on SS Panel 220V,60Hz,1P	95,000.00	95,000.00
6	1	unit	Chilled water tank Set with Chilled water circulating pump and Industrial- type water chiller Fan Motor and cooling system 30 tons capacity model	200,000.00	200,000.00
7	1	unit	CENTRIFUGAL PUMP Flow rate: 400l/min. Cooling tower and Chilled water Pump	20,000.00	20,000.00

			Capacity: 1hp, 220v, single phase Protection: IP44		
8	4	unit	Upright Freezer 16 cu.ft. Inverter type, No frost Single Phase, 220V, 60Hz w/ voltage if needed Power rating: refer to manufacturer's specification	70,000.00	280,000.00
9	1	unit	Double/Two Door Upright Chiller 22cu.ft. Inverter Type, 1P, 220V, 60Hz Power rating: refer to manufacturer's specification w/ voltage regulator if needed	65,000.00	65,000.00
10	1		PIPING AND ELECTRICAL INSTALLATION For Pippings: All pippings, gate valves and fittings should be made in stainless steel. For electrical wirings, conduit, switches and accessories: Must conform to the Standards of safety and electrical code of the Philippines	150,000.00	150,000.00
11	1		MAIN ELECTRIC CONTROL PANEL Material: Stainless (at least grade 304) Complete with SELECTOR SWITCH, Hot Water Pump, Automatic Alarm, Temperature Indicator and Control Panel Must be located accessible to the operator	100,000.00	100,000.00
12	1		LOGISTICS, MOBILIZATION, LABOR AND MATERIAL INSTALLATION COST Labor, Sanitary/stainless Tubes, valves and fittings materials, cooling tower line material, Raw Water Line Installation Materials, Hot Water Line Installation Materials, Electrical Installation Material, loading of equipment from warehouse, permits, trucking cost, cost for Health Protocol, Compliance related to the pandemic, transportation of installers	150,000.00	150,000.00
TOTAL					1,945,000.00

The whole set-up should also have a Clean-In-Place (CIP) system.

DOCUMENTATION COMPONENTS

The supplier/contractor shall warrant that they will provide all the necessary documents/manual in English Language relative to the equipment as follows:

- Owner/User Manual
- Operations Manual
- Maintenance Manual
- Spare parts list

TRAINING

Training for the use of equipment shall be administered upon delivery and installation including testing and commissioning of the equipment.

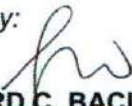
WARRANTY COMPONENTS

All products/equipment have passed through Quality Control and is guaranteed to be free from defects upon delivery. The supplier/contractor shall provide warranty for the equipment covering parts and technical services on the equipment and its accessories for a period of one (1) year from the date of delivery and acceptance (evidence by a Certificate of Final Acceptance issued by the PCC/end-user). During the warranty period, the supplier/contractor shall replace any defective parts of materials and or provide regular check-up, consultation and as needed, maintenance services for the equipment at no cost to PCC.

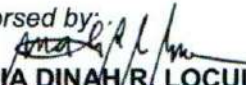
AFTER SALES SERVICE

Regardless of whether or not a maintenance agreement is entered into by the concerned parties after the expiration of the warranty period, the supplier should guarantee the availability of spare parts and components of the aforementioned equipment at least within the period of five (5) years from the date of acceptance of the equipment.

Prepared by:


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