



## INVITATION TO BID

1. The **PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)**, through the GAA-Locally Funded Project "Enhancing the Products of Abaca (*Musa textilis*) & Other Natural Textile Fibers Pre-treatment via Wet on Wet Processing" intends to apply the sum of **TWO MILLION FIVE HUNDRED PESOS (Php2,500,000.00)** being the total Approved Budget for the Contract (ABC) for payments of **One (1) Lot Decortivating Machine** inclusive of taxes, fees, delivery costs and other incidental charges.

Bids received in excess of the ABC shall be automatically rejected during bid opening.

2. The PTRI, now invites bids for the Procurement of the above equipment with **90 Calendar Days** delivery period. Bidders should have completed, within five (5) years from the date and submission and receipt of bids, a contract similar to the Project as provided for in Section 23.4.1.3 (a) and (b) of the Revised Implementing Rules and Regulations (IRR) of Republic Act No. 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act" (*Handbook on Phil. Government Procurement, 8th Edition, 2016*).

The description of an eligible bidder is contained in the Bidding Documents, particularly in Section II, Instruction to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the IRR of RA 9184.

Bidding is restricted to Filipino citizens/sole proprietorship, 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 with the laws and regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.

4. Interested Bidders may obtain further information from PTRI and inspect the Bidding Documents at the address given below from 8:00 a.m. to 5:00 p.m.

A complete set of Bidding Documents in soft copy contained in a CD may be purchased by interested Bidders from the BAC Secretariat upon payment of **Two Thousand Hundred Pesos (Php2,500.00)**.

It may also be downloaded from the website: <https://www.ptri.dost.gov.ph> of the Procuring Entity, provided that upon submission of their bids, the bidders shall pay the corresponding fee.

5. Per GPPB Resolution No. 09-2020, dated May 7, 2020, enjoin PEs to maximize the use of existing rules under RA No. 9184, its IRR and related issuances on the conduct of procurement activities, particularly those meant to streamline, simplify and expedite the conduct of procurement and address the challenges and disruptions brought by calamities and crisis such as the COVID-19 pandemic, such as use of videoconferencing, webcasting and similar technology in the conduct of any of the meetings and determination of quorum by the BAC.

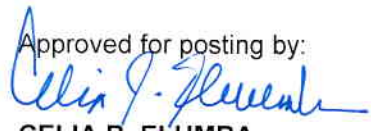
The PTRI will hold a **Pre-Bid Conference** on **06 October 2020 at 2:00 p.m.** via *Google Meet*. Link will be shared to all prospective bidders at least one hour before the conduct of Pre-bid Conference.

6. Bids must be delivered to PTRI Training Room, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City, **on 19 October 2020 from 1:00 p.m. to 2:00 p.m.** All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 1.18 or a **Bid Securing Declaration**.

Bid Opening shall be on **19 October 2020 at 2:00 p.m.** at the PTRI Training Room, PTRI Main Building, General Santos Avenue, Bicutan, Taguig City. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address above. Late bids shall not be accepted. The bidding refers to the Philippine Standard Time.

7. The bidders shall submit three (3) sets of documents. Original, Copy 1 and Copy 2, duly sealed, labeled & counter signed. Each set contains two (2) envelopes, one (1) Technical and one (1) Financial proposal. The three (3) sets i.e., Original, Copy 1 and Copy 2, must be contained in an outer envelope/packaging duly sealed, labeled and counter-signed. The labels must contain the PhilGEPS reference number.
8. The PTRI reserves the right to accept or reject any bid, to annul the bidding process at any time prior to the awarding of contract, without incurring any liability to the affected bidder or bidders. Due to the current limited mobility of people, alternative means for meeting may be used.
9. For further information, please refer to:

  
**JULIUS L. LEANO, Jr., Ph. D.**  
PTRI BAC Chairperson *dlw*  
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Tel. / Fax No. (02) 8837-1349  
E-mail Add.: [jlleanojr.ptri@gmail.com](mailto:jlleanojr.ptri@gmail.com)

Approved for posting by:  
  
**CELIA B. ELUMBA**  
Director IV, PTRI

# Technical Specifications

## **Decorticating Machine**

Specifications:

### **1. Pineapple leaf fiber decorticator machine**

Drum-blade diameter = 440 mm

Drum blade speed = 1650 rpm

Blade linear velocity = 38 m/s

Power supply = 11 Kw, 220V, 50-60 Hz, 3 phase

Machine capacity = 300 - 500 kg/hr

Machine Speed = 1000-1300 r/min

Dimension (LxWxH) = 3100mm x 1250mm x 1310mm

Control box (external wires and cables included)

### **2. Fiber Dewatering and Cleaning Machine**

Power supply = 5.90 Kw (3 motors; gear reduction motors ratios 1:3,4),

2 drive motors-reduced speed)

220-230 V , 50-60 Hz, 3 phase/1 phase

Machine capacity = 300-500 kg/hr

*machine parts include :*

- a. Receiving device (chain drive assembly and triangulated metal plate)
- b. Water press ( pressurized rubber drum, water line)
- c. Polishing Drum (impurity removal and cylindrical metal drum)
- d. Finished product collection device (chain drive assembly)

### **3. Roll Brushing Machine**

Power supply ; 3 Kw, 220V, 50-60 Hz, 1 phase

Motor rotary speed = 1500 rpm

Machine capacity = 100-500 kg/hr

*machine parts include :*

- a. Double roller feed assembly (metal roller fluted)
- b. brushing machine - (drum/roller stainless metal)
- c. metal frame ( enclosed drum/roller, motor and assembly)
- d. Rubber wheel and metal handle for portability
- e. Motor and gear drive assembly

*Inclusions:*

Delivery of equipments from supplier to PTRI including unloading of equipment (e.g. forklift)

Installation, Commissioning, Training and Testing of equipments

Provision of circuit breaker, power lines or wires to existing power load

All equipment VAT inclusive and applicable duties and taxes

Delivery period : 90 calendar days

Warranty period : 1 year

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Charged to: Enhancing the Product of Abaca ( Musa textiles) and  
Other Natural Fibers Pretreatment via wet on Wet  
Processing