



## INVITATION TO BID

1. The **PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)**, through the DOST-GIA Project entitled "Upscaling and Expanding the Production and Application of the Philippine Natural Dyes..." intends to apply the sum of **ONE MILLION TWO HUNDRED THOUSAND PESOS (Php1,200,000.00)** being the total Approved Budget for the Contract (ABC) for payments of **One (1) Lot Spray Dryer (Fabricated)**.

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

2. The PTRI now invites bids for the above equipment with **90 CALENDAR DAYS** delivery period. Bidders should have completed, within ten (10) years from the date and submission and receipt of bids, a contract similar to the Project as provided for in Section 23.5.1.3 (a) and (b) of the IRR of RA 9184. 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 non-discretionary "pass/fail" criterion as specified in 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, 6th Edition, 2012*)

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.

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.
5. A complete set of Bidding Documents in soft copy contained in a CD may be purchased by interested Bidders from the address below and upon payment of a **non-refundable fee** for the Bidding Documents in the amount of **0.1%** of the ABC.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that bidders shall pay the fee for the Bidding Documents not later than the submission of their bids.

6. The PTRI will hold a **Pre-Bid Conference** on **12 August 2015 at 9:00 a.m.**, PTRI Training Room, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City, which shall be open only to all interested parties who have purchased the Bidding Documents.
7. Bids must be delivered to PTRI Training Room, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City, **on August 24, 2015 from 8:00 a.m. to 9:00 a.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 plus a **Bid Securing Declaration**.

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.

8. Bids will be opened **on 24 August 2015, 9:00 a.m.**
9. The PTRI reserves the right to accept or reject any bid, to annul the bidding process at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

**Marilou G. Agustin**  
Property, Procurement and General Services Section (PPGSS)  
Tel. No. (02) 827 2071 (loc. 2373) or  
Tel. / Fax No. (02) 837 0744  
[mgagustin@ptri.dost.gov.ph](mailto:mgagustin@ptri.dost.gov.ph)

**Original Signed**  
**Engr. MAY S. RICO**  
PTRI BAC Chairperson

# Technical Specifications

Item	Specification	Statement of Compliance
1	<p><b>Spray Dryer (Fabricated)</b></p> <p><b>Specifications:</b></p> <p><b>Capacity</b></p> <ul style="list-style-type: none"><li>- ≥10 liters/hr</li></ul> <p><b>Materials</b></p> <ul style="list-style-type: none"><li>-stainless steel 304, 2mm thick for drying chamber, 2mm thick for insulation cover.</li><li>- Insulation- fiber glass with aluminum foil in one (1) side, three (3) layers to make one and a half (1 1/2) inches thick.</li><li>- Heat generating chamber- 2mm thick stainless steel 304 up to air diffuser.</li><li>- Cyclone separator and bag filter holder is of 1.8 mm Stainless steel.</li><li>- Ducting is of 3" diameter stainless steel tube with stainless Steel ferrol connectors on both ends for easy connect &amp; disconnect</li></ul> <p><b>Heater (3 units)</b></p> <ul style="list-style-type: none"><li>- 2" high pressure LPG torch and one pc 1" Ø.</li></ul> <p><b>Dimensions</b></p> <ul style="list-style-type: none"><li>- Drying Chamber: 4.5 ft. diameter x 5 ft. High (straight side), 3 ft. cone</li><li>- Heat generating chamber: 16" diameter x 30 " long</li><li>- Cyclone Separator: 10" dia. straight side x 8" long x 24" cone</li><li>- Ducting: 3" Ø stainless steel tube</li><li>- Powder Collector: 8" dia. X 18" long</li></ul> <p><b>Accessories</b></p> <ul style="list-style-type: none"><li>- 5 Hp high pressure blower</li><li>- atomizer</li><li>- digital temperature controller</li><li>- digital thermometer</li><li>- control panel board</li><li>- high pressure pump, 3 HP electric motor, 220V, 60Hz, 3 phase</li></ul> <p><b>Terms and Condition:</b></p> <p>1 year warranty on materials and workmanship</p> <p>Vat inclusive</p>	