



INVITATION TO BID

1. The **PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)**, through the DOST-GIA Project titled "Setting-Up of One-Stop Shop Laboratory Services..." intends to apply the sum of **ONE MILLION THREE HUNDRED FORTY ONE THOUSANDTWO HUNDRED PESOS (Php1,341,200.00)** being the total Approved Budget for the Contract (ABC) for payments of **One (1) Lot Universal Wear Tester**.

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. A complete set of Bidding Documents (soft copy contained in a CD) will be purchased by interested Bidders from **April 21, 2015 to May 5, 2015** from the BAC Secretariat, Property, Procurement & General Services Section, PTRI Main Building and upon payment of a **non-refundable fee of 0.1%** of the individual ABC to the PTRI Cashier. Detailed specifications of the items are posted and can be viewed at the PTRI website:
http://www2.ptri.dost.gov.ph/index.php?option=com_docman&task=doc_download&gid=96&Itemid=37
5. The PTRI will hold a **Pre-Bid Conference** on **23 April 2015 at 10:00 a.m., PTRI Training Room, PTRI Main Building**, Gen. Santos Ave., Bicutan, Taguig City, which will be open only to all interested parties who have purchased the Bidding Documents, as provided for in Section 22.3 of the IRR.
6. Bids must be delivered to **PTRI Training Room, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City, on May 05, 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 (Sec. 27.2, Revised IRR) and in the amount stated in ITB Clause 18 plus a **Bid Securing Declaration**.
7. Bid opening shall be on **May 05, 2015, 9:00 a.m.** Bids will be opened in the presence of the Bidders' representatives who submitted their bid proposals and who choose to attend at the given address above. Late bids shall not be accepted.
8. 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. In instances that may arise and not specifically mentioned herein, the PTRI resolve bidding issues by resorting to and applying the pertinent provisions of R.A.9184 and its Revised Implementing Rules and Regulations.

Original signed

Engr. MAY S. RICO
BAC Chairperson
Tel. No. 837-1325; 837-1158
Email address: msrico@ptri.dost.gov.ph

Technical Specifications

Item	Specification	Statement of Compliance
1	<p>Universal Wear Tester For flex abrasion testing</p> <p>With Balanced Head and Flex Block Assembly that has two parallel smooth plates The balanced head is rigidly supported by a double-lever assembly to provide free movement in a direction perpendicular to the plate of the flex block. This head must remain stationary during the test and must be balanced to maintain a uniform vertical pressure from the dead weights.</p> <p>The flex block is capable of reciprocating at 115 ± 10 double strokes per minute of 25 ± 2mm stroke length.</p> <p>Clamps are secured to the front of each plate of the head and flex-block assemblies to permit mounting of the specimen. The clamps have surfaces that prevent slippage of the specimen and permit the specimen after it has been folded over the abradant bar to be centrally positioned and aligned with its long direction parallel to the reciprocating flex bar.</p> <p>With Flexing Bar Yoke sufficiently rigid to prevent distortion during the specimen loading and capable of applying tension to the rigidly secured flexing bar with the force acting parallel to the surface of the head and block assembly plates and perpendicular to the fold of the specimen such that an evenly distributed tension is provided across the fold of the specimen.</p> <p>A positioning device is provided to position the flexing bar and yoke assembly while loading the specimen such that the edge of the flexing bar is parallel to the fold of the specimen during the test. The positioning device is capable of moving into contact with the yoke prior to loading the specimen and moving away from contact with the yoke just prior to starting the test.</p> <p>With Thumb Screw that allows moving the clamp to provide slack take-up of the specimen.</p> <p>With Machine Stopping Mechanism, a micros witch, or equivalent, to stop the machine, actuated by the release of the tension on the specimen when it ruptures.</p> <p>With Cycle Counter, to record the number of cycles (double strokes) and stop the machine at fabric rupture.</p> <p>With Automatic Shutoff, as part of the cycle counter or in-line timer, or equivalent, with set and stop mechanism capable of stopping the machine at a predetermined number of cycles.</p> <p>With Calibrated Tension Weights, with individual masses of 250, 500, and 1000 grams that can provide up to a total of 2500 grams that fit on a weight rack that is attached by cables to the yoke to adjust tension to the specimen. Individual weight tolerances are $\pm 1\%$.</p> <p>With Calibrated Head Weights, with individual masses of 250, 500, and 1000 grams that can provide up to a total of 2500 grams that fits on the balanced head, to apply pressure to the specimen. Individual weight tolerances are $\pm 1\%$.</p> <p>With Working Flex Bar, used for testing 1.6 ± 0.4 by 11.2 ± 1.6 mm in cross section, made with tool steel tipped with an edge of cemented carbide. The top, bottom and edge of the bar that is in contact with the specimen is finished by grinding and polishing, leveling off the microscopic projection without breaking the edges of the bar. The bar is capable of firmly attaching to the yoke.</p> <p>With Standardized Master Flex Bar, to standardize the working flex bar, including storage contain</p> <p>With Calibration Ribbon, fused acetate ribbon, 25 mm wide.</p> <p>- 220V, 60 Hz</p> <p>-with calibration certificate as required by ISO 17025</p> <p>One year warranty on parts and service</p> <p>Installation commissioning and training of all testing personnel (with training certificate) and one week dry run</p>	