



## NOTICE FOR NEGOTIATED PROCUREMENT

### Request for Quotation (RFQ)

1. In view of the two (2) failed biddings of its procurement, the Philippine Textile Research Institute (PTRI) through its Bids and Awards Committee (BAC) invites PhilGEPS registered, authorized seller/ reseller and suppliers, to apply for eligibility and to participate in the negotiation for the procurement of One (1) Lot Hydrothermal Reactor System, in accordance with Section 53.1 of the Revised Implementing Rules and Regulations (IRR) of the Republic Act No. 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act".
2. The Approved Budget for the Contract (ABC) is **Seven Million Pesos (Php 7,000,000.00)**.
3. The schedule of procurement activities are as follows:

Item	Particular
Posting of Request for Submission of Price Quotation	October 8, 2024
Issuance and Availability of Request for Quotation and Other Procurement Documents	October 8, 2024 – October 29, 2024
Preliminary Conference/Clarification/Issuance of Amendments	October 15, 2024 at 1:00 p.m. via Zoom Platform
Submission of Filled Out Request for Quotation and Technical Requirements	October 29, 2024; 12:00 n.n to 1:00 p.m.
Opening of Request for Quotations	October 29, 2024 at 1:00 p.m.

4. The complete set of Request for Quotation (RFQ) with required documents will be purchased by interested suppliers from October 08, 2024 to October 29, 2024 from the BAC Secretariat at Room 306, 3<sup>rd</sup> Floor, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City.
5. PhilGEPS registered suppliers and suppliers in good standing, engaged in similar projects may participate subject to payment of RFQ documents amounting to Seven Thousand Pesos (Php 7,000,000.00) to the PTRI Cashier.
6. The duly accomplished RFQ documents in sealed envelopes must be delivered to the BAC Secretariat on October 29, 2024 at Room 306, 3<sup>rd</sup> Floor, PTRI Main Building, Gen. Santos Ave., Bicutan, Taguig City. Interested bidders may obtain further information from the BAC Secretariat at telephone number 8837-0744 from 9:00 a.m. to 4:00 p.m.
7. The PTRI shall select the successful offer on the basis of such best and final offers which should meet the procuring entity's minimum technical requirements which should not exceed the ABC.

**EVANGELINE FLOR P. MANALANG**  
 BAC Chairperson

## Technical Specifications

Item	Specification	Statement of Compliance	Actual Specific Offer
1	<p><b>One (1) Hydrothermal Reactor System</b></p> <p>Specifications:</p> <p>a. Main Unit Specifications:</p> <ul style="list-style-type: none"> <li>- Internal Diameter: 40-100 mm</li> <li>- Depth: 180-250 mm</li> <li>-Pressure Capacity: <math>\geq 10</math> MPa</li> <li>-Volume Capacity: <math>\geq 300</math> mL</li> <li>-Temperature Capacity: <math>\geq 220</math> °C</li> <li>- Reactor Weight: 3-10 kg</li> </ul> <p>b. Heating System Specifications:</p> <ul style="list-style-type: none"> <li>-Height: 600-800 mm</li> <li>-Depth: 200-300 mm</li> <li>-Width: 200-300 mm</li> <li>-Weight: 15-30 kg</li> <li>-Max Output: <math>\geq 800</math> W</li> <li>-Current: 5-10 A</li> <li>-Power Supply (1<math>\phi</math>AC):230V</li> </ul> <p>c. Stirring Unit Specifications:</p> <ul style="list-style-type: none"> <li>-Stirring Speed: <math>\geq 1200</math> rpm</li> <li>-Motor power: 1/17 hp</li> </ul> <p>d. Temperature Controlling Unit</p> <ul style="list-style-type: none"> <li>- Programmable ramp settings</li> </ul> <p>e. Temperature Measurement</p> <ul style="list-style-type: none"> <li>-Fixed Thermocouple</li> </ul>	<p style="text-align: center;"><b>**IMPORTANT REMINDER**</b></p> <p>Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered.</p> <p>Statements of “Comply” or “Not Comply” <b>must be supported</b> by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.</p> <p>A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection.</p> <p>A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract</p>	<p style="text-align: center;"><b>OFFERS IN RANGE WILL AUTOMATICALLY BE CONSIDERED NON-COMPLYING DURING EVALUATION OF TECHNICAL SPECIFICATIONS.</b></p>



<p>f. Pressure measurement          -Pressure Gauge</p> <p>g. Accessories          - Anti-corrosion Lining Material: PTFE or equivalent or better          -Closure and Sealing Material          -Safety material: Rupture Discs          -Complete standard working accessories such as wires, cables, electrical components, tubes, etc.</p> <p><b>Inclusions:</b></p> <p>1. Computing/Control Device Specifications:          -Processor maximum clock rate: <math>\geq</math> 4.0GHz          -Processor: 8-core or better          -GPU: 10 core or better          -Storage: <math>\geq</math> 1TB SSD or better          -Memory: <math>\geq</math> 16 GB unified memory          -Operating System: Compatible Operating System          -Document Output Device: All-in-one / Black and Colored          -Inclusive of Home and Business Office 2019 or equivalent</p> <p><b>2. Digital Display Device Specifications:</b>          -Screen Size: <math>\geq</math> 58"          -Refresh Rate: 60 Hz or better          -Aspect Ratio: 9:16 Portrait fixed orientation or equivalent or better          -Connections: HDMI, Display Port          -Inclusive of Kiosk Type Stand</p> <p>-Inclusive of Remote Controller</p> <p><b>3. Controlled Environment Sample Preparation Box Specifications:</b></p> <p>-Interior Dimensions:          - Width: 700-900 mm          - Depth: 600-800 mm          - Height: 500-800 mm</p>	<p>may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.</p>	
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- Transfer Chamber with Vacuum Pump Unit
- Chemical Resistant Glove Attachment
- Chemical Resistant Worktable
- Base stand with height of 800-1000 mm
- Automatic Pressure Adjustments
- Inclusive of complete standard working accessories such as wires, cables, electrical components, tubes, etc.

**4. Sample Preparation Hood Specifications:**

- Interior Dimensions:
  - Height: 740-1200 mm
  - Width: 1000-1300 mm
  - Depth: 600-800 mm
- Max Window Opening  $\geq$  500mm
- Multi-Level Air Speed Adjustments
- Chemical Resistant Worktable
- Internal Waterproof Sockets
- Ductless with the inclusion of at least 2 spare filters
- Inclusive of complete standard working accessories such as wires, cables, electrical components, tubes, etc.

**5. Cryogenic Liquid Container Specifications:**

- Height: 600-700 mm
- Diameter: 350-450 mm
- Static Evaporation Rate: 0.16-0.21 L/day
- Inclusive of standard accessories such as roller base, liquid withdrawal device, dipper, etc.

**6. Shock Resistant Preparatory Work Bench Specifications:**



<p>-Interior Dimensions:</p> <ul style="list-style-type: none"><li>- Height: 1000mm</li><li>- Width: 2400 – 2700mm</li><li>- Depth: 900 – 1100 mm</li></ul> <p>-Two-level reagent island shelf</p> <p>-Closed Storage Compartments</p> <p>-Chemical Resistant Worktop Material</p> <p>-Rubber foot padding</p> <p><b>7. Aerosolized Vapor Diffusion System</b></p> <p>- Specifications:</p> <p>-Interior Dimensions:</p> <ul style="list-style-type: none"><li>- Height: 200-700 mm</li><li>- Width: 150-300 mm</li><li>- Depth: 150-300 mm</li></ul> <ul style="list-style-type: none"><li>- Quantity: Five (5) units</li></ul> <p>-Installation method: Floor type</p> <p>-Capacity: 10-20L</p> <p>- Mist Output: 250-300 ml/hour</p> <p>-Coverage: <math>\geq 50</math> sqm</p> <p>-Power Supply: 240V</p> <p>-Automatic timer function</p> <p>8. Hauling and Delivery of equipment by supplier/manufacturer to worksite (PTRI) including but not limited to unloading and lifting</p> <p>9. Proof that the manufacturer has manufactured and has been supplying said equipment (same</p>		
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<p>system) in the last 2 years showing in a certification the list of previous clients with means to verify through contact numbers, email addresses, official website or other communication platforms.</p> <p>10. Installation, testing and commissioning and at least 3 hours of training on operations, maintenance, and troubleshooting with training certificates in English for at least 5 personnel</p> <p>11. Provision of product brochure and product line for commercially available items in English.</p> <p>12. Provision and Installation of powerlines, electrical components, and/or transformers to conform with the existing power supply load/source.</p> <p>13. At least 2 year warranty on parts and services after acceptance</p> <p>14. On-call after sales service by trained technician for at least one year</p> <p>-Inclusive of delivery charges to DOST-PTRI, Gen. Santos Ave., Bicutan, Taguig City</p> <p>-VAT inclusive</p> <p>-Delivery period: 90 calendar days</p> <p>-Warranty period: <math>\geq 2</math> years</p>		
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## Checklist of Technical and Financial Documents

### I. TECHNICAL COMPONENT ENVELOPE

#### *Class “A” Documents*

##### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all 3 pages) **in accordance with Section 8.5.2 of the IRR;**

##### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission **or** Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) Original duly signed Omnibus Sworn Statement (OSS) **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

##### Financial Documents

- (g) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC) **or** A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

#### *Class “B” Documents*

- (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

## II. FINANCIAL COMPONENT ENVELOPE

- (i) Original of duly signed and accomplished Request for Quotation Form;  
**and**

### Other documentary requirements under RA No. 9184 (as applicable)

- (j) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (k) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.