



**PROJECT : Supply, Delivery, Installation and Commissioning of One (1) unit Benchtop Automated DNA extraction System**

**LOCATION: DOST Compound, Gen. Santos Ave., Bicutan, Taguig City**

**OWNER : Industrial Technology Development Institute (ITDI)**

**SUBJECT : SUPPLEMENTAL/BID BULLETIN NO. 1**

**Date : February 28, 2023**

---

This Bid Bulletin No. 1 is being issued to Bidders for their information and guidance in the preparation of their bids and shall be taken into consideration in their proposal. This bid bulletin will form part of the contract for this project.

**1. Governing Rules:**

Bidding and contract award for the above project shall be governed by the Revised Implementing Rules and Regulations of RA 9184 and the Philippine Bidding Documents (PBD), Fifth Edition, October 2016. Any discrepancy between the General Conditions and RA 9184, R.A 9184 shall prevail.

**2. Marking and Sealing of Bids**

- a. Contents of sealed envelope marked **"ORIGINAL BID"**  
Sealed Envelope 1 marked **"Original – Eligibility & Technical Proposal"**  
Sealed Envelope 2 marked **"Original – Financial Proposal"**
- b. Contents of sealed envelope marked **"COPY NO. 1"**  
Sealed Envelope 1 marked **"Copy No. 1 – Eligibility & Technical Proposal"**  
Sealed Envelope 2 marked **"Copy No. 1 – Financial Proposal"**
- c. Contents of sealed envelope marked **"COPY NO. 2"**  
Sealed Envelope 1 marked **"Copy No. 2 – Eligibility & Technical Proposal"**  
Sealed Envelope 2 marked **"Copy No. 2 – Financial Proposal"**
- d. The sealed outer envelopes marked **"ORIGINAL BID", "COPY NO. 1" and "COPY NO. 2"** shall be enclosed in **one single envelope/package**.

*Inspired by Technology, Driven by Innovation*

**Membership:**

---

ASEAN Consultative Committee for Standards & Quality - Rubber-Based Product Working Group | ASEAN Rubber Testing Laboratory Committee | Asia Nano Forum (ANF) | Asia-Pacific Food Analysis Network (APFAN) | Asia Packaging Network (APN) | Asia Pacific Legal Metrology Forum (APLMF) | Asia Pacific Metrology Programme (APMP) | General Conference on Weights and Measures (CGPM) | ISTA Global and Asia Pacific | International Association of Packaging Research Institutes (IAPRI)



e. All envelopes shall contain the following:

<p><b>PROJECT: (NAME OF THE PROJECT)</b></p> <p>(NAME AND ADDRESS OF BIDDER IN CAPITAL LETTER)</p> <p><b>TO: THE INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)</b></p> <p><b>DR. JANET F. QUIZON</b>  <b>ITDI-BAC CHAIRPERSON</b>  <b>Metrology Building, DOST Compound</b>  <b>Bicutan, Taguig City</b></p> <p><b>DO NOT OPEN BEFORE: Scheduled date &amp; time of opening of bids</b></p>
--

**3. Items to be considered in the preparation of Bid**

- 3.1 Bid Proposal shall be in Philippine currency.
- 3.2 The bid shall be signed on each and every page by the duly authorized signatory of the bidder. Items with erasures on the bid should bear the initials of the authorized signatory.
- 3.3 Bidders shall submit a Bid Securing Declaration or at least one (1) other Bid Security, the amount of which shall not be less than the percentage of the ABC in accordance with the following schedule:

Forms of bid Security	Amount of Bid Security (Not less than to Percentage of the ABC)
a) Cash or Cashier's/manager's check issued by a Universal or Commercial Bank	Two percent (2%)
b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Five percent (5%)

*Inspired by Technology, Driven by Innovation*

**Membership:**

---

ASEAN Consultative Committee for Standards & Quality - Rubber-Based Product Working Group | ASEAN Rubber Testing Laboratory Committee | Asia Nano Forum (ANF) | Asia-Pacific Food Analysis Network (APFAN) | Asia Packaging Network (APN) | Asia Pacific Legal Metrology Forum (APLMF) | Asia Pacific Metrology Programme (APMP) | General Conference on Weights and Measures (CGPM) | ISTA Global and Asia Pacific | International Association of Packaging Research Institutes (IAPRI)



- 3.4 Bid bonds should be posted in favor of Industrial Technology Development Institute. If other than GSIS, the bid bond should be accompanied with certificate of accreditation from the Insurance Commission. Bid bonds should be submitted with original receipts of payments. Bid security shall be Callable on Demand with a validity period of 120 calendar days.
- 3.5 To guarantee the faithful performance by the winning bidder of its obligations under the contract, it shall post performance security taken from the categories below the amount of which shall be not be less than the percentage of the total contract price in accordance with the following schedule:

Forms of Performance Security	Amount of Performance Security Not less than the Percentage of the Total Contract Price)
a) Cash or Cashier's/manager's check issued by a Universal or Commercial Bank b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Goods and Consulting Services - Five Percent (5%)
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Thirty percent (30%)

**4. Submission of Bids – March 6, 2023, 8:30 A.M. – 9:00 A.M.**

- Benchtop Automated DNA extraction System

**Late bids shall not be accepted**

*Inspired by Technology, Driven by Innovation*

**Membership:**

---

ASEAN Consultative Committee for Standards & Quality - Rubber-Based Product Working Group | ASEAN Rubber Testing Laboratory Committee | Asia Nano Forum (ANF) | Asia-Pacific Food Analysis Network (APFAN) | Asia Packaging Network (APN) | Asia Pacific Legal Metrology Forum (APLMF) | Asia Pacific Metrology Programme (APMP) | General Conference on Weights and Measures (CGPM) | ISTA Global and Asia Pacific | International Association of Packaging Research Institutes (IAPRI)



## 5. Opening of Bids – March 6, 2023, 9:01 A.M..

- Benchtop Automated DNA extraction System

## 6. Eligibility & Technical Specification:

### 6.1 Supply, Delivery, Installation and Commissioning of One (1) unit Benchtop Automated DNA extraction System – Php 3,000,000.00

- 20 - 60 mins per run
- Actual unit trial with complete kits :
  - 200 reactions of trial kits per sample type (blood, bacteria, animal tissue and viruses) or 200 kits for kits that can be used for all types of samples
- Recovery rate of magnetic bead: 93-99% or 30-100 ng/ul
- 24-96 well format
- Removal of the following specifications:
  - Heating Temperature: room temp to 130 °C
  - Temperature accuracy:  $\pm 1^{\circ}\text{C}$
  - Debugger system: 1DB9 debug interface or equivalent
- USB Type A and/or ethernet connection
- With open software for protocol customization or preloaded protocol for blood, bacteria, animal tissue and viruses
- Operational training with all the required reagents and consumables. 200 reactions of kits per sample type (blood, bacteria, animal tissue and viruses) or 200 kits for kits that can be used for all types of samples
- 3 years warranty in parts and services
- 2 years preventive maintenance (semi-annual)

\*Only those technical specifications indicated herein will be changed, those that are not mentioned will be retained as indicated in Section VII of the Bidding Documents.

Issued by:

**DR. JANET F. QUIZON**  
ITDI-BAC Chairperson

*Inspired by Technology, Driven by Innovation*

#### Membership:

---

ASEAN Consultative Committee for Standards & Quality - Rubber-Based Product Working Group | ASEAN Rubber Testing Laboratory Committee | Asia Nano Forum (ANF) | Asia-Pacific Food Analysis Network (APFAN) | Asia Packaging Network (APN) | Asia Pacific Legal Metrology Forum (APLMF) | Asia Pacific Metrology Programme (APMP) | General Conference on Weights and Measures (CGPM) | ISTA Global and Asia Pacific | International Association of Packaging Research Institutes (IAPRI)