



Republic of the Philippines  
Department of Science and Technology  
**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**  
DOST Compound, General Santos Ave., Bicutan, Taguig City  
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www.itdi.dost.gov.ph



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ISO 9001:2015



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**PROJECT : Supply, Delivery, Installation and Commissioning of One (1) unit Optical Microscope and Supply, Delivery, and Installation of One (1) Lot Laboratory Furniture and Fixtures**

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

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

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

**Date** : February 20, 2023

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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**.

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**Membership:**

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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:

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

**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%)

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- 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 – February 28, 2023, 8:30 A.M. – 9:00 A.M.**

- Optical Microscope
- Laboratory Furniture and Fixtures

**Late bids shall not be accepted**

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## 5. Opening of Bids – February 28, 2023, 9:01 A.M..

- Optical Microscope
- Laboratory Furniture and Fixtures

## 6. Eligibility & Technical Specification:

### 6.1 *Supply, delivery, installation and commissioning of One (1) unit Optical Microscope – Php 1,200,000.00*

- **Illumination**
  - With built-in fly-eye lens or equivalent (ensuring uniform brightness across the field)
  - Removal of specification: Up to two 45 mm diameter filters
  - With light intensity settings which light intensity levels can be adjusted for the magnification of each objective
- **Focusing**
  - Focusing stroke: up: 1-5mm down: 10-15mm
  - Coarse: 30-40mm per rotation
  - Fine: 0.1-0.3
- **Eyepiece**
  - 10X with diopter adjustment (Field of View up to 20mm)
  - Removal of the following specifications:
    - E2-CFI 10X (20)\*2
    - E2-CFI 15X (12)\*2
    - CFI 10X (22)\*3
    - CFI 12.5X (16)\*3
    - CFI 15X (14.5)\*3
- **Tube (Trinocular Tube)**
  - Inclination angle: 20-30 degrees
  - Removal of the following specifications:
    - C-TB Binocular Tube
    - C-TF Trinocular Tube F (Eyepiece: Port = 100:0, 0:100)
    - C-TT Trinocular Tube T (Eyepiece: Port = 100:0, 20:80, 0:100)

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- Inclusion of the following specifications
- Port = 50:50 or better
  - with built-in 0.55x relay lens in camera port, with C-mount
  - Eyepoint height: adjustable up to 2 positions
- **Removal of the following specifications for Objectives for phase contrast observation:**  
Achromat DL 10X (0.25/7.0mm)  
Achromat LWD DL 20X (0.40/3.90mm)  
Achromat DL 40X (0.65/0.65mm);  
Achromat DL 100X Oil (1.25/0.23mm)
  - **Condenser**  
- Abbe Condenser type: N.A. up to 1.25, vertically movable and centerable
  - **Observation Methods**  
- Brightfield method  
- Upgradable to phase contrast, diasopic fluorescence, dark-field, simple polarizing observation methods
  - **Removal of the following specifications:**  
Dimensional diagram/Dimensions: unit mm  
Height: at least 403-410mm Length: 280-285mm Width: 236-245mm  
Weight: at least 6.0-6.5kg
  - **Specifications for Microscope Camera:**  
- Stand-alone camera which measures distance between 2 points  
- Size: depends on the microscope compatibility  
- Recordable pixels: 1920 x 1080 pixels or better  
- Live display mode: 1920 x 1080 pixels: 30 fps or better  
- Photometry mode: 1920 x 1080 pixels or better  
- Exposure control: automatic and manual with exposure correction  
- Interface: USB 2.0 (connect with PC or USB mouse) x 1, HDMI x 1, SD card slot x 1

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## ***6.2 Supply, delivery, labor, and installation One (1) of lot Laboratory Furniture and Fixtures – Php 2,561,000.00***

- Laboratory Sink (For side tables)  
- Dimension: 480mmL x 380mmW x 285 mmH / SS316 gauge (instead of SS304)
- Laboratory Sink (For center tables)  
- Dimension: 480mmL x 380mmW x 285 mmH / SS316 gauge (instead of SS304)
- Center Assembly Table  
- At 4400 mmL side (instead of 3000 mmL side)
- Laboratory Side Table with Sink  
- At 1800 mmL side (instead of 3000 mmL side)
- Laboratory Sink (For side tables)  
- Dimension: 480mmL x 380mmW x 285 mmH / SS316 gauge (instead of SS304)
- Center Table with reagent rack  
- At 4400 mmL side (instead of 3000 mmL side)
- All Chairs must be High Chair with Wheels

\*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 

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