

PROJECT : Various Laboratory Equipment

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT : SUPPLEMENTAL/BID BULLETIN NO. 1

Date : May 15, 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:

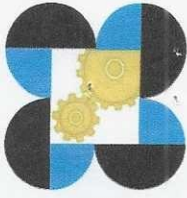
Bidding and contract award for the above project shall be governed by the Revised Implementing Rules and Regulations of RA 9184 and the Philippine Bidding Documents (PBD), Fifth Edition, October 2016. Any discrepancy between the General Conditions and RA 9184, R.A 9184 shall prevail.

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**.
- e. All envelopes shall contain the following:

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Membership:



PROJECT: (NAME OF THE PROJECT)

(NAME AND ADDRESS OF BIDDER IN CAPITAL LETTER)

TO: THE INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)

DR. JANET F. QUIZON
ITDI-BAC CHAIRPERSON
Metrology Building, DOST Compound
Bicutan, Taguig City

DO NOT OPEN BEFORE: Scheduled date & time of opening of bids

3. Items to be considered in the preparation of Bid

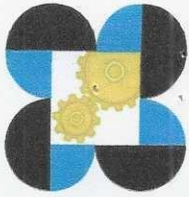
- A. Bid Proposal shall be in Philippine currency.
- B. The bid shall be signed on each and every page by the duly authorized signatory of the bidder. Items with erasures on the bid should bear the initials of the authorized signatory.
- C. Bidders shall submit a Bid Securing Declaration or at least 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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- D. 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.
- E. 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%) |

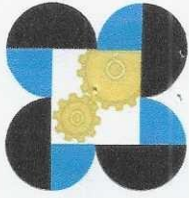
4. Submission of Bids – May 22, 2023, 8:30 A.M. – 9:00 A.M.

- Ultra-High Performance Liquid Chromatography - Photodiode Array Detector
- X-Ray Crystallography
- Automated Microbial Cell Counter
- HDT/Vicat Testing Machine
- Instron 5585H Model 10kN Load Cell for Universal Testing with a set of computer for Advanced Video Extensometer (AVE)
- Oligo Synthesizer

Late bids shall not be accepted

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5. *Opening of Bids – May 22, 2023, 9:01 A.M.*

- Ultra-High Performance Liquid Chromatography - Photodiode Array Detector
- X-Ray Crystallography
- Automated Microbial Cell Counter
- HDT/Vicat Testing Machine
- Instron 5585H Model 10kN Load Cell for Universal Testing with a set of computer for Advanced
- Oligo Synthesizer

6. **Eligibility & Technical Specification:**

➤ *Supply, delivery, installation and commissioning of one (1) unit Ultra-High Performance Liquid Chromatography Photodiode Array Detector Php 8,250,000.00*

- Solvent Manager/Pump Type: at least binary or higher
- **Degassing Unit:**
 - Degassed flow line capacity: atleast 400ul (internal volume)
 - Integrated unit or any equivalent
- PhotoDiode Array detector (PDA) Spectral resolution or Frequency Spectrum: atleast 1.0 nm or better
- **Autosampler:**
 - Injection volume range: atleast 0.1ul or higher
 - Linearity: 0.9999 to 1
 - Sample compatibility with both materials: *minimum of 90 vials at 1.5-2.0ml and minimum 96-well plates or better
- **LC Columns:**
 - with bio-inert system
 - One (1) Column for Hydrophobic and Hydrophilic Interactions Chromatography used for drug-antibody analysis.
 - * with one (1) Guard or analytical column specific for this column
 - * Internal Diameter 4.6mm x length 100 mm x particle size 4 um x chemistry-column packed with butyl bonded Hydrophilic nonporous polymer particles

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Republic of the Philippines
Department of Science and Technology
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
DOST Compound, General Santos Ave., Bicutan, Taguig City
Tel. Nos.: 8837-2071 to 82 (DOST Trunklines)
Telefax No.: 8837-3167 / 8837-6150
www.itdi.dost.gov.ph



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- One (1) Column for antibodies drug conjugate/peptide digests
 - * with one (1) Guard or analytical column specific for this column
 - * Internal diameter 3.0mm x length 75 mm x particle size 2.2 um x chemistry-Octadecyl-silica

-One (1) Columns for antibodies drug conjugate/aggregates and fragments

- *with one (1) Guard or analytical column specific for this column
- *Internal diameter 4.6mmx length 300mm x particle size 5um x chemistry-Particle: Silica, Ligand: Dihydroxypropyl(Diol), Molecular Weight Range: 20,000 - 1,000,000

- Operational Accessories
 - One (1) unit Controller system or equivalent
 - One (1) LC starter kit:
 - *One (1) pack Precolumn filter (0.2-0.5µm)
 - *One (1) pack LC columns (1.8-2.0µm/2.1x100mm)
 - *One (1) pack nylon syringe filter (Pore: 0.2-0.22µm) - 100pcs/pack
 - *One (1) pack nylon membrane filter (Pore: 0.22-0.45µm) - 100pcs/pack
 - One (1) set of 10 kVA Uninterruptible Power Supply (UPS) or integrated with AVR
 - One (1) set of 10 kVA AVR or integrated with UPS

➤ ***Supply, delivery, installation and commissioning of one (1) unit X-Ray Crystallography Php 20,000,000.00***

- X-Ray Source: X-Ray tube with Copper target (water-cooled)
- Removal of specs: Microfocus sources: Ag, Mo, Cu
- **Detector:**
 - Detector/Image Plate Scanner
 - Diameter Image Plate (active area): 340mm or equivalent or better
 - Intrinsic noise <2 Photons or better
 - Linear dynamic range >1:10⁵ or equivalent
 - Detector distance: 40 - 200mm or equivalent
- For Removal of : D. Imaging Plate Scanner
- Warranty: 1 year on parts
- Delivery terms: 120 Calendar days

Purpose: for the study and characterization in the composition and atomic structure of a small molecules, proteins and electron density measurement for chemistry and biochemistry application.

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- *Supply, delivery, installation and commissioning of one (1) unit
Automated Microbial cell counter* **Php 3,000,000.00**
- brightfield or automated fluorescence microscopy alone or both
 - cell size range: minimum of 0.3 micron to maximum of 50 micron
 - with 3 viable cell staining kit (with each kit good for 200 preparations, total of 600 preparations)
 - with 3 total cell staining kit (with each kit good for 200 preparations, total of 600 preparations)
- *Supply, Delivery, Installation and Commissioning of One (1) unit
HDT/Vicat Testing Machine* **Php 6,000,000.00**
- Temperature sensor / Thermocouple or equivalent
 - All temperature sensors/thermocouple should have a calibration certificate
 - Stainless steel material for all weight set
- *Supply, delivery, installation and commissioning of one (1) unit Oligo
Synthesizer* **Php 5,000,000.00**
- 5 (five) BHQ-1 QUENCHER CHIP: BHQ-1 modification anchored (3'-end), Shelf life of 6 months
 - Delivery Term : 120 Calendar days

****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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