



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 2, 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:

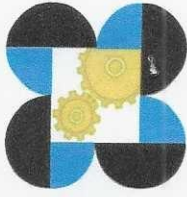
Bidding and contract award for the above project shall be governed by the Revised Implementing Rules and Regulations of RA 9184 and the Philippine Bidding Documents (PBD), Fifth Edition, October 2016. Any discrepancy between the General Conditions and RA 9184, R.A 9184 shall prevail.

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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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

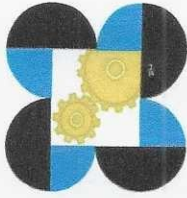
- A. Bid Proposal shall be in Philippine currency.
- B. The bid shall be signed on each and every page by the duly authorized signatory of the bidder. Items with erasures on the bid should bear the initials of the authorized signatory.
- C. Bidders shall submit a Bid Securing Declaration or at least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



- 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 8, 2023, 1:00 P.M. – 1:30 P.M.

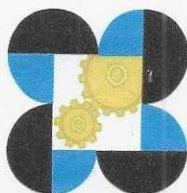
- X-Ray Fluorescence Spectrometer
- Fast Protein Liquid Chromatography
- Protein separation & immunodetection systems
- Flow Cytometer with Cell Sorter

Late bids shall not be accepted

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Membership:



5. **Opening of Bids – May 8, 2023, 1:30 P.M..**

- X-Ray Fluorescence Spectrometer
- Fast Protein Liquid Chromatography
- Protein separation & immunodetection systems
- Flow Cytometer with Cell Sorter

6. **Eligibility & Technical Specification:**

➤ **Supply, Delivery, Installation and Commissioning of One (1) lot X-Ray Fluorescence Spectrometer** **Php 7,500,000.00**

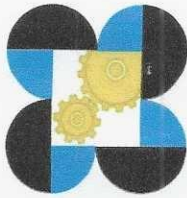
- One (1) inert gas (appropriate for the equipment) with gas line and tanks. Gas tank should be secured properly following proper safety protocols.
- Three (3) years Preventive Maintenance (annual PM visit) including kits/consumables.
- With or without Built-in Monitor, must be controllable thru computer
- Water proof IP rated or equivalent rating or proof of water resistance
- **X-ray Tube (Multi-layer monochromator):** -50W or higher -50KV or higher
 - with spare X-Ray tube
 - LED X-ray source is acceptable: intensity of X-ray source is equivalent to -50W or higher -50KV or higher
 - with spare X-Ray tube

➤ **Supply, Delivery, Installation and Commissioning of One (1) unit Fast Protein Liquid Chromatography** **Php 7,500,000.00**

- Pump type: Piston, metering type or equivalent
- UV-Vis Detector Wavelength: 280 nm
- Includes Preventive Maintenance Kit
- Desktop:
Intel Core i5 Processor, 16GB System Memory, 256GB SSD, DVD RW, Optical USB Mouse, 2 Serial ports, 2 ethernet, Pre-installed Windows Pro (64--bit), Pre-installed lifetime licensed Microsoft Office for Business, 21.5" LED monitor with (1) HDMI port and (1) VGA port, cables and keyboard

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Department of Science and Technology
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Tel. Nos.: 8837-2071 to 82 (DOST Trunklines)
Telefax No.: 8837-3167 / 8837-6150
www.itdi.dost.gov.ph



Management
System
ISO 9001:2015



www.tuv.com
ID 9109635715

- Delivery and Installation: 120 calendar days upon receipt of order; with on-site equipment demo/testing and training upon delivery
- Warranty: minimum of 3 years
- Preventive Maintenance and Calibration: annual preventive maintenance and calibration service within 3 years

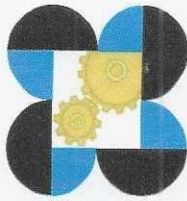
➤ ***Supply, Delivery, Installation and Commissioning of One (1) unit Protein separation & immunodetection systems Php 7,000,000.00***

- Gel type: bis-tris, trisacetate, triglycerine, tricine gels
- Mini Gel Tank: 4-12% Bis-Tris Plus gels, 10-well (1 box) or equivalent
- MES Running Buffer (20X, 500 mL) or equivalent
- LDS Sample Buffer (4X, 10 mL) or equivalent
- Sample Reducing Agent (10X, 10 mL) or equivalent
- Prestained Protein Ladder, 10 to 250 kDa (2 x 250 µL) or equivalent
- Programmable: Store up to 1-100 run method Program up to 20 steps per method or manual input
- **Immunodetection systems with starter kit:**
 - 10 iBind Flex Cards, 1 Flex or equivalent
 - Solution Kit, roller or equivalent
- Fluorescence and chemiluminescence Imaging system: Multiplex RGB and IR fluorescence imaging, or can multiplex up to 3-4 fluorophores at a time (or higher)
- **Specifications: Automation Capabilities:**
 - Smart Tray Technology: Automatic recognition of tray and adjustment of imaging parameters and software options
 - Autoexposure: Autoexposure for application or user defined modes for all blot and gel imaging applications
- **Specifications: Hardware:**
 - Minimum image area (W x H): 21 x 16 cm; can image up to 4 miniblots or higher gels at a time
 - Illumination sources: (minimum combination of 3 but must be able to do fluorescence and chemiluminescence imaging)
- Data output: 16-bit or 8-bit: PNG, TIFF, JPEG files or equivalent
- **Starter Kits and Reagents:**
 - Mammalian Protein Extraction Reagent (250mL) or equivalent
 - Subcellular Protein Fractionation Kit for cultured cells (50 samples) or equivalent
 - BCA Protein Assay Kit (500mL) or any protein quantification assay kit
 - In-gel protein detection safe stain (1L) or equivalent
 - Membrane filtered distilled water (500mL) or equivalent
- Delivery Period and Installation: maximum of 120 calendar days from receipt of P.O.; with on-site equipment demo/testing and training by a certified field service engineer and applications specialist upon

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delivery

➤ ***Supply, Delivery, Installation and Commissioning of One (1) unit Flow Cytometer with Cell Sorter*** ***Php 30,000,000.00***

- **Fluidics: Nozzle**
 - can accommodate 70 µm to 150 µm ceramic nozzle tips with adjustable pressure setting or equivalent
 - has built-in sample mixer or equivalent
- **Sorting mode**
 - can perform at least 6-way cell sorting depending on configured output collection
- Fluidic tanks: must include at least two 500mL bottles for cleaning reagent and decontamination solution
- Electronics: 70,000 – 100,000 events per second (eps) for acquisition
- **Computer workstation:** with Intel i9 processor, 32GB RAM, 2TB SSD, Windows 10 Pro, Microsoft Office for Business (perpetual license), Nvidia RTX A2000 12GB and printer or better
 - with installed licensed compatible software and lifetime subscription (if applicable)
- at least one (1) AMS kit cyclex-D or equivalent
- annual preventive maintenance within warranty period
- Delivery: 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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