



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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PROJECT : SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF VARIOUS VEHICLES

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT : BID BULLETIN NO. 1

Date : May 17, 2022

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

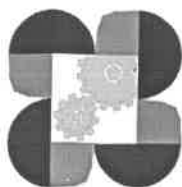
- 3.1 Bid Proposal shall be in Philippine currency.
- 3.2 The bid shall be signed on each and every page by the duly authorized signatory of the bidder. Items with erasures on the bid should bear the initials of the authorized signatory.
- 3.3 Bidders shall submit a Bid Securing Declaration or at least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

- 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

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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 – May 24, 2022, 8:30 A.M. – 9:00 A.M.

- Biological Safety Cabinet
- Refrigerated Ultracentrifuge (Floor Type) with different Rotors
- Sequencer
- Fumehood
- Gel Documentation System
- QRT-PCR with Complete Accessories
- Biosafety Cabinet Class III
- Spectrophotometer Nanoscale
- Next-generation Sequencer
- Sanger Sequencer

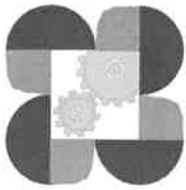
Late bids shall not be accepted

5. Opening of Bids – May 24, 2022, 9:01 A.M..

- Biological Safety Cabinet

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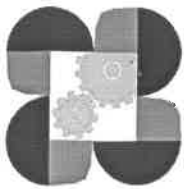
- Refrigerated Ultracentrifuge (Floor Type) with different Rotors
- Sequencer
- Fumehood
- Gel Documentation System
- QRT-PCR with Complete Accessories
- Biosafety Cabinet Class III
- Spectrophotometer Nanoscale
- Next-generation Sequencer
- Sanger Sequencer

6. Eligibility & Technical Specification:

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) lot Biological Safety Cabinet -Php 3,200,000.00**
 - 1. Two (2) units of 4 ft. BSC
 - Dimensions (LxWxH): 20-30 x 50-60 x 60-79 in.
 - 2. Two (2) units of 6 ft. BSC
 - Dimensions (LxWxH): 20-30 x 60-77 x 50-79 in.
 - Noise Level: maximum of 65 dBA
 - Nominal Inflow Velocity: up to 108 fpm
 - Nominal Downflow Velocity: up to 68 fpm
 - Foot rest: The footrest may be included in the BSC or as a separate accessory
 - Calibration Certificate
 - Delivery Term: 120 calendar days
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Refrigerated Ultracentrifuge (Floor Type) with different Rotors - PhP 13,050,434.00:**
 - With touch-button or touch screen control panel
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Sequencer - Php 1,500,000.00:**
 - Weight: maximum of 450g if test cells are included
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Fumehood - Php 3,000,000.00:**
 - Preferably from US, Europe, Australia, Japan and include Korea
 - Provide ocular inspection for the installation site
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Gel Documentation System – Php 3,000,000.00**
 - Operating Temperature: atleast 10°C to 28°C
 - Reagents: *2 bottles/ units of 6X electrophoresis sample loading dye (at least 1mL/ bot) or equivalent * 2 bottles/units of 10 mg/mL gel stain (at least 10mL/bot) or equivalent or 6x dual-action nontoxic fluorescent nuclei acid stain and loading dye (atleast 4 bottles, 1ml/bottle)

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➤ **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit QRT-PCR with Complete Accessories – Php 3,500,000.00**

- Weight: maximum of 55
- Diameter: maximum of 56
- Height: maximum of 45
- # of wells: at least 96; # of wells for multiplexing: up to 5 targets/well; # of peltiers: 6 amended to: Thermal system: atleast 6 peltier device /block made from ceramic plates with semi-conductor elements pr equivalent, 96-well
- Removal of Max optical modules: 6
- Max block ramp rate: 7°C/s
- Temperature Range: Lower limit is not higher or equal to 25°C
Higher limit is not lower or equal to 99.99 °C
- Optical Cartridge: Calibrated dye types must include: SYBR/FAM, ROX, CY5, CY3, HEX, ATTO425, fit to an Optical Cartridge System (Self/User Installable) or Built-in for Calibrated Dye System or equivalent
- Includes: SYBR/FAM, ROX, HEX, optical cartridges/calibrated dyes for optical cartridge system or built-in calibrated dye system respectively
- Plastics: Set of the ff:
 - *2 packs each of 0.2, 0.5, 1.5, and 2.0 mL tubes (at least 500/pack, autoclavable) or equivalent
 - * 2 packs each of 0.2-2 µL, 2-20 µL, 20-200 µL and 100-1000 µL pipette tips (1000 pcs/pack, autoclavable) / 3 racks each x 96 pcs/rack (if racked) or equivalent
 - *4 pcs 96-well PCR rack with lid
 - *3 pcs 80-place rack
 - * 2 pcs freezer rack (at least 40 wells) with lift-off lid and can store up to 2.0mL
 - *3 pcs each of 15 mL rack x at least 20-place and 50 mL x at least 10-place racks
OR 6 pcs four-way racks for 1.5n 15 and 50mL tubes
- Or Set of the ff:
 - *tips and tubes plus autoclavable bags
 - tubes: atleast 2 packs of each 0.2, 0.5, 1.5, and 2ml tubes (500pcs/pack autoclavable)
 - tips: 2 packs each of 0.2-2µL, 20-200µL, and 100-1000µL pipette tips tubes (1,000pcs/pack autoclavable) or 3 racks each x 96 pcs/rack (if racked) or equivalent
 - 10 packs of autoclavable bags (100 pcs/pack) and 5 packs of autoclavable biohazard bags (50-200 pcs/pack)
- rapid hot start capability or equivalent
- configurable and user-chargeable optics for optic cartridge system, or configurable, fixed blocks for calibrated dye system
- Country of Origin: USA, Japan or Europe

➤ **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Biosafety Cabinet Class III – Php 1,500,000.00**

- External dimensions: Depth: 790 mm to 900 mm
- Pressure: ≥ 120 Pa

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- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Spectrophotometer Nanoscale -Php 1,100,000.00**
-Delivery Term: 60 calendar days
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) set Next-generation Sequencer –Php 16,000,000.00**
- Shelf life (Reagents and Kits): minimum of 3 months


JOSEFINA CELORICO
ITDI-BAC Co-Chairperson

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