



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 EQUIPMENT AND VEHICLES

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT : BID BULLETIN NO. 1

Date : NOVEMBER 7, 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 – November 14, 2022, 8:30 A.M. – 9:00 A.M.

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit RT-PCR Thermal Cycler**
- **Supply, Delivery, Labor, Installation and Commissioning of Two (2) units Generator Set – Drying Module**
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Frying Module**
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Retort Module**

Late bids shall not be accepted

5. Opening of Bids – November 14, 2022, 9:01 A.M..

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit RT-PCR Thermal Cycler**

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- **Supply, Delivery, Labor, Installation and Commissioning of Two (2) units Generator Set – Drying Module**
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Frying Module**
- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Retort Module**

6. Eligibility & Technical Specification:

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit RT-PCR Thermal Cycler - Php 2,700,000.00**
 - Sample capacity:
 - *96 x 0.1 mL PCR tubes
 - *96 x 0.2 mL PCR tubes
 - *71 x 0.5 mL PCR tubes
 - *one 96-well PC Plate (unskirted, semi-skirted, skirted; standard and low-profile) or 96 x 0.2 mL PCR tubes, 39 x 0.5 mL PCR tubes and one 96-well PCR Plate (unskirted and semi-skirted; standard and low profile)
 - Temperature control range: 0-100°C
 - Ramp rate: max. 5°C/s
 - Cooling rate: 4°C/s
 - Temperature homogeneity (with the gradient function switched off): at 35°C: <0.3 – 0.5°C * at 90°C: <0.4 – 0.6°C
 - Gradient spread: 1-30°C
 - Gradient temperature control range: 30-105°C
 - Heated lid temperature control range: 30-112 °C
 - Lid type: Flex lid for ergonomic lid opening or adjustable knob type lid
 - Interfaces: USB, ethernet, CAN in/out, USB, ethernet and RS232
 - Dimensions (W x D x H): 23-26 x 36-45 x 25-35 cm
 - One (1) pc. single-channel pipettor, 0.1-2.5 uL or 0.2-2.0uL

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- **Supply, Delivery, Labor, Installation and Commissioning of Two (2) units Generator Set - Php 2,200,000.00**
 - **GENERATOR SET Unit 1 - Drying Module Location:** Misamis Oriental Provincial Agriculture Complex Sitio Lupok, Ane-i, Claveria Misamis Oriental
 - **GENERATOR SET Unit 2 - Drying Module Location:** Zamboanga State College of Marine Science and Technology - Main Campus Fort Pilar, Rio Hondo Zamboanga City

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Php 1,100,000.00**
 - **Frying Module Location:** Capiz State University Dayao Campus, Roxas City, Capiz

- **Supply, Delivery, Labor, Installation and Commissioning of One (1) unit Generator Set – Php 1,100,000.00**
 - **Retort Module Location:** Provincial Demo Farm, Brgy. Merit, Victoria, Oriental Mindoro

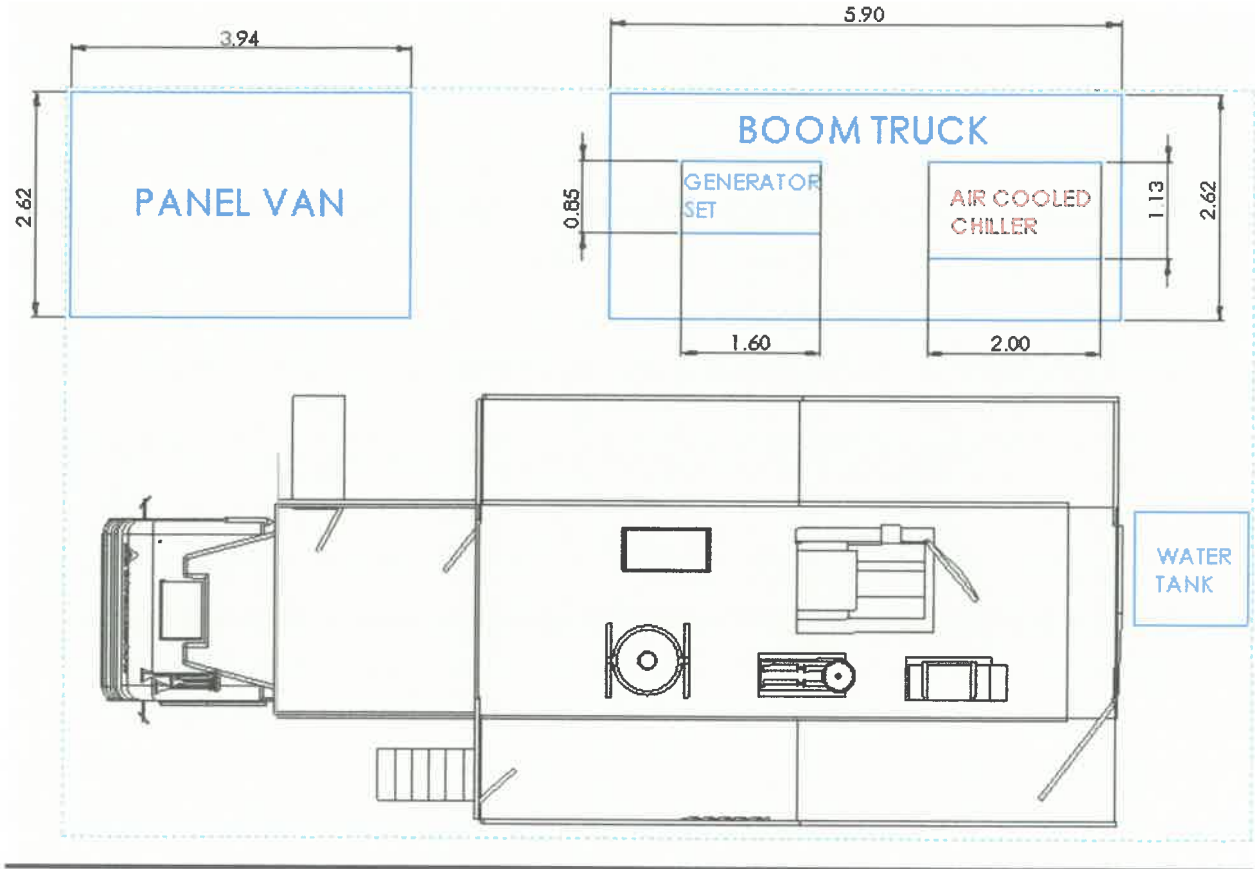
- **For all Generator Set:**
 - Will be installed inside the boom/ elf truck. <See below for pictures>
 - The electrical wirings (connection between the gen set and module) will be shouldered by the truck fabricator and not by the gen set winning bidder
 - It will be installed in a boom/ elf truck with inner cargo dimension of preferably around 5.45m (L) x 2.3m (W)

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RETORT MODULE LAYOUT



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FRYING AND DRYING MODULE




DR. JANET F. QUIZON
ITDI-BAC Chairperson

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