



PROJECT : SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF 1 UNIT MICROBALANCE WITH COMPUTER ACCESSORIES, 1 LOT GRAPHITE ATOMIC ABSORPTION SPECTROSCOPY WITH ACCESSORIES, 1 UNIT MICROBALANCE WITH ANTI-STATIC KIT, 1 LOT qRT-PCR SYSTEM WITH ACCESSORIES; 1 LOT FORCE GENERATING MACHINE, 1 LOT REFERENCE FORCE TRANSDUCER

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT : BID BULLETIN NO. 1

Date : June 28, 2018

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. The sealed outer envelopes marked "ORIGINAL BID" and "COPY NO. 1 shall be enclosed in one single envelope/package.
- d. All envelopes shall contain the following:

PROJECT: (NAME OF THE PROJECT)

(NAME AND ADDRESS OF BIDDER IN CAPITAL LETTER)

TO: THE INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)

DR. DIANA L. IGNACIO
ITDI-BAC CHAIRPERSON
Metrology Building, DOST Compound
Bicutan, Taguig City
"DO NOT OPEN BEFORE: (Stipulated Date and Time of Opening)"

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- Asia Pacific Metrology Programme (APMP)
- Asia Pacific Legal Metrology Forum (APLMF)

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 required 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 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 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 be less than the Percentage of the Total Contract Price)
a) Cash or Cashier's/manager's check issued by a Universal or Commercial Bank	Goods and Consulting Services - Five Percent (5%)
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	Thirty percent (30%)

4. Submission of Bids – July 5, 2018, 8:30 A.M. – 8:45 A.M.

- 1 unit Microbalance with Computer Accessories
- 1 lot Graphite AAS
- 1 unit Microbalance with Anti-Static Kit
- 1 lot qRT-PCR System with Accessories
- 1 lot Force Generating Machine
- 1 lot Reference Force Transducer

Late bids shall not be accepted

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5. Opening of Bids – July 5, 2018, 9:00 A.M.

- 1 unit Microbalance with Computer Accessories
- 1 lot Graphite AAS
- 1 unit Microbalance with Anti-Static Kit
- 1 lot qRT-PCR System with Accessories
- 1 lot Force Generating Machine
- 1 lot Reference Force Transducer

6. Questions/clarifications not raised during Pre-bid conference

- 6.1 Questions/clarifications should be made in writing, addressed to the BAC Chair.
- 6.2 In the written query, company name and the project name should be indicated.
- 6.3 Additional bid bulletin, if any, will be issued regarding the matter.

7. Minutes of the Meeting is available upon request

8. Technical Specification:

Microbalance with Computer Accessories

- a. Sensitivity temperature drift: 0.0001%/deg C or better;
- b. Repeatability (5% load): 0.0012 mg or better.

Graphite Atomic Absorption Spectroscopy with Accessories

- a. Atomizer: Heated absorption cell or better;
- b. CRM water matrix must be provided by the supplier complete with certificate of analysis that is traceable to NIST
- c. At least 10 pieces of graphite tube and pyro-coated graphite tubes;
- d. Carrier gas: Argon, if applicable or other gas required by accessory for analysis of Arsenic and Mercury;
- e. Preferably made in Japan & US;
- f. Joint Site Inspection will be announced later.

Microbalance with Anti-Static Kit

- a. No error from spillage and easy to clean, preferably a hanging weighing pan.

qRT-PCR System with Accessories

- a. Thermal Cycler with 96-well Reaction Module:
Thermal range: 0-100°C;
Excitation range: 450-730nm (As long as within the range but can reach 730nm).
- b. Two (2) year-Service and Parts Warranty and Preventive maintenance during warranty period plus 2 years PM for Thermal Cycler with 96-well Reaction Module and Gel Documentation System;
- c. All equipment preferably made in USA, Europe, Australia and Japan.

Force Standard Machine - Force Generating Machine / Reference Force Transducer

- a. Foreign training at the Manufacturer's training center for two (2) technical personnel of National Metrology Laboratory.
The training must include the following topics:
 - Use of the equipment on the configuration;
 - Operations and techniques;

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- With hands on activities and demonstrations;
- Use of propriety software, included in the equipment;
- Troubleshooting; and,
- Plant visit/tour, if available in the same area.

The trainer should come from the Manufacturer, has expertise and years of experience in the said equipment.

... Must provide certificate after the training and must be signed by the trainer.

*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. DIANA L. IGNACIO
Chairperson, ITDI-BAC

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