

PROJECT : SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) LOT LCMSMS AND ACCESSORIES, ONE (1) UNIT SPECTROFLUOROMETER WITH INTEGRATING SHPERE, SEVEN (7) UNITS POWER METER DATALOGGER WITH HARMONICS, SEVEN (7) UNITS PORTABLE COMBUSTION ANALYZER

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT : BID BULLETIN NO. 1

Date : June 7, 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)"

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 – June 14, 2018,

1 unit Spectrofluorometer with Integrating Sphere }
7 units Power Meter Datalogger with Harmonics } 8:30 A.M. – 8:45 A.M.
7 units Portable Combustion Analyzer }

LCMSMS and Accessories 1:00 P.M. – 1:15 P.M.

Late bids shall not be accepted

5. Opening of Bids – June 14, 2018

1 unit Spectrofluorometer with Integrating Sphere } 9:00 A.M.
7 units Power Meter Datalogger with Harmonics } 10:00 A.M.
7 units Portable Combustion Analyzer }

LCMSMS and Accessories 1:30 P.M.

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:

Spectrofluorometer with Integrating Sphere

- a. Wavelength scanning: 55,000 to 60,000 nm/min;
- b. Resolution : 0.5 to 1.0 nm or better;
- c. Wavelength range: 200 to 700 nm or expanded range;

Seven (7) units Power Combustion Analyzer

- a. All pressure units in the specifications are hPa or hectoPascal equivalent to 100Pascal;
- b. With graphic color display, 240 x 320 pixels;
- c. Equipment units are able to save minimum of 500 sets of test parameters;
- d. Parameters/units and the display (number of measured values shown per display page) can be set/programmed;

Seven (7) units Power Meter Datalogger with Harmonics

- a. All units should have "HOLD" button on the meter for instantaneous measurements;
- b. Measurement Items & Display:

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

Voltage RMS, current RMS, voltage fundamental wave value, current fundamental wave value, voltage fundamental wave phase angle, current fundamental wave phase angle, frequency (U1), voltage waveform peak (absolute value), current waveform peak (absolute value), active power, reactive power (with lag/lead display), apparent power, power factor (with lag/lead display) or displacement power factor (with lag/lead display), active energy (consumption, regeneration), reactive energy (lag, lead), energy cost display, active power demand quantity (consumption, regeneration), reactive power demand quantity (lag, lead), active power demand value (consumption, regeneration), reactive power demand value (lag, lead), power factor demand, pulse input; Harmonic voltage level, harmonic current level, harmonic power level, content percentage, phase angle, total harmonic distortion (THD-F or THD-R), up to 40th order;

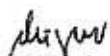
- c. Save Items to SD memory card (at least 2GB removable), or internal memory at real time;
- d. Measurement value save: Average only / Average, Maximum, Minimum Value;
Harmonic data save: Average only / Average, Maximum, Minimum value in binary format;
Screen copy: BMP form (saved every 5 min. at minimum interval time)
Waveform save: Binary waveform data;
- e. Display Update Rate: 0.5 sec (except when accessing SD card or internal memory, or during LAN/USB communication);
- f. AC Adapter (100 to 240 V AC, 50/60 Hz), preferably 40 VA (including AC adapter)
Battery (DC 7.2 V, 3 VA, charging time 6 hr 10 m) for at least 8 hours of continuous use (with back light off);

LCMSMS and Accessories

- a. Column Oven
Column Capacity: single column up to 4.6 mm internal diameter (ID), up to 150 mm length with filter or guard column or better;
- b. Triple Quadrupole (QQQ) System
Cross-talk: 0.002% or lower;
- c. Specification of Kit Column: preferably 50 mm x 2.1 mm, 1.7 μ m

*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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