



PROJECT: Supply, Delivery, Installation and Commissioning of Various Equipment

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

OWNER : Industrial Technology Development Institute (ITDI)

SUBJECT: SUPPLEMENTAL/BID BULLETIN NO. 1

Date : August 19, 2024

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**.

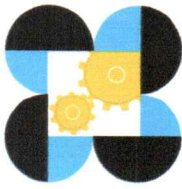


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e. All envelopes shall contain the following:

<p>PROJECT: (NAME OF THE PROJECT)</p> <p>(NAME AND ADDRESS OF BIDDER IN CAPITAL LETTER)</p> <p>TO: THE INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)</p> <p>DR. JANET F. QUIZON ITDI-BAC CHAIRPERSON Metrology Building, DOST Compound Bicutan, Taguig City</p> <p>DO NOT OPEN BEFORE: Scheduled date & time of opening of bids</p>
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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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- 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 – August 27, 2024, 8:30 A.M. – 9:00 A.M.

- **Xenon Arc Test Chamber**
- **Field Emission Scanning Electronic Microscope with EDX and EBSD detector analyzer**

Late bids shall not be accepted



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5. Opening of Bids – August 27, 2024, 9:01 A.M.

6. Eligibility & Technical Specification:

➤ ***Supply, Delivery, Installation and Commissioning of One (1) unit Xenon Arc Test Chamber***

- **Overall dimensions:** D: 750-1300 mm W: 900-1420 mm H: 2100 mm
- **Irradiance Range:** at least with range of 0.3 – 1.5 W/m², adjustable
- **Black Panel Temperature:** at least BPT 35~70°C
- **Relative Humidity Range:** at least 20 ~ 90% R.H
- If equipment is 3-phase 380V, there should be an inclusion of step-up transformer set to convert 220V power source to 380V

➤ ***Supply, Delivery, Installation and Commissioning of One (1) lot Field Emission Scanning Electron Microscope with EDX and EBSD detector analyzer***

- **Magnification:** Covers 20X and must reach up to 2,000,000x magnification
- **Electronic system :**
 - Electron Gun: preferably cold cathode field emission type electron gun but Schottky type is allowed
 - Accelerating Voltage: covers range of 0.50 up to 30.00 kV
 - Landing Voltage: covers a minimum range of 0.01 up to 20 kV
 - Probe Current: At least 2 pA
- **Specimen Stage :**
 - X-axis: at least 100 mm
 - Y-axis: at least 100 mm
 - Z-axis: covers at least 1 mm up to 40 mm
 - T-axis (Tilt): covers at least -5° to 60°
 - Maximum specimen height: at least 36 mm
 - Maximum specimen weight: at least 300 g
- Must include at least a 10kVA dedicated UPS unit for the FE-SEM or suitable power supply
- Peak position and resolution guaranteed to change by no more than 1eV with range of 5,000 cps and 100,000 cps
- Must have a similar installation (Field Emission Scanning Electron Microscope or Transmission Electron Microscope) at another local site, with good standing condition within ten (10) years from the date of submission and receipt of bids
- Supplier must conduct a site survey on the intended location for the equipment



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and must provide a comprehensive report as per assessment (with parameters that includes vibration, EMI, acoustic, etc.) that the space passes the requirement for installation prior to bidding.

- In the event that the said location did not pass, an alternative location can be subjected for assessment again, or the supplier may come up with solutions to address the issue.
- The Comprehensive Site Inspection Assessment must be attached in the Bid Proposal
- The system must have at least one (1) year warranty for parts and at least three (3) years for service/PM.
- FE-SEM should be capable of imaging non conducting, moist/ wet, biological and other similar samples with minimal or without sample preparation (coating), the bidder must propose or include a way to meet the said requirements. If the FE-SEM unit with its standard specifications would require it to add a variable pressure to cater the requirement, then it should be included by the bidder. Otherwise, if the FE-SEM unit can still meet the requirement without a variable pressure, then it would still comply with the said requirement.
- A manufacturer, supplier, distributor, contractor or consultant duly registered with the PhilGEPS may participate in a procurement undertaken by any Procuring Entity, provided that the said manufacturer, supplier, distributor, contractor or consultant maintains its registration current and updated in accordance with the provisions of this IRR, and its registration is proper and relevant to the particular type of procurement pursuant to Section 8.5.1 of R.A 9184 (Platinum Membership for competitive Bidding)
- The regulations outlined in RA 9184 section 8.5.2 will apply to Foreign Bidders.
- Persons/Entities forming themselves into a JV, *i.e.*, a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that Filipino ownership or interest of the joint venture concerned shall be at least sixty percent (60%)
- In case of JVA, the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and Audited Financial Statements.

****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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