



**ASTI-FM 03-11**  
**REV 2/30 APR 2024**

**DOST-ASTI Bids and Awards Committee**  
**Invitation to Bid (Public Bidding)**

<b>IB No:</b>	24-10-5038	<b>Date:</b>	October-15-2024
<b>PR No:</b>	GAA-24-09-19833	<b>Date:</b>	August-30-2024
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 2,650,000.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	October 24, 2024, 9:00 AM at Videoconferencing (MS Teams)		
<b>Time and Date of Submission of Bids:</b>	November 05, 2024, 09:00 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	November 05, 2024, 9:30 AM at DOST-ASTI & Videoconferencing (MS Teams)		
<b>Date of availability of Complete Set of Documents:</b>	October 17, 2024		
<b>Deadline of Potential Bidder's Clarifications:</b>	October 26, 2024		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	October 29, 2024		
<b>Delivery Schedule:</b>			

The *Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI)*, through its Bids and Awards Committee (BAC), hereby invites all interested Bidders to submit their bids for the *item/s* listed below. *Section II. Instructions to Bidders (ITB) of the DOST-ASTI Bidding Documents provides information necessary for bidders to prepare responsive bids, in accordance with the requirements of DOST-ASTI. The ITB likewise provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and award of contract.*

Bidding will be conducted through open competitive bidding procedures *using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.*

A complete set of *DOST-ASTI Bidding Documents* may be acquired by interested Bidders on the date and address given on this document, and upon payment of the applicable fee, pursuant to the latest Guidelines issued by the Government Procurement Policy Board. Further, the *DOST-ASTI Bidding Documents* may be accessed through the *DOST-ASTI website (https://asti.dost.gov.ph/)*.

For further inquiries, you may contact the **DOST-ASTI BAC Secretariat** at telephone number **+63 2 8249-8500 / +63 2 8426-9755 local 1206/1212** or send your message to **bac-sec@asti.dost.gov.ph**.

Respectfully,

**BAYANI BENJAMIN R. LARA**  
*BAC Chairperson*

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<b>Repair of BBA 150-BC1000 Broadband Amplifier</b> 1. GENERAL OVERVIEW: 1.1. DOST-ASTI is seeking qualified and competent bidders/service providers for the repair of BBA 150-BC1000 Broadband Amplifier, for the continuous maintenance of EMC Testing Laboratory of EPDC. 1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and services charges.  2. TECHNICAL SPECIFICATIONS: 2.1. Off-site repair of BBA 150-BC1000 Broadband Amplifier with the following details:	1	lot	1230000.00	1,230,000.00

- 2.1.1. Model: BBA 150-BC1000
- 2.1.2. Property Number: 01-19-605-140-00002
- 2.1.3. Serial Number: 103535
- 2.2. Initial Diagnostics:
  - 2.2.1. Perform a thorough inspection and diagnosis of the broadband amplifier to identify the root cause of the issue.
  - 2.2.2. Provide a detailed diagnostic report outlining the identified issues and recommended repairs.
- 2.3. Component Replacement:
  - 2.3.1. Replace any faulty components identified during the diagnostics, including but not limited to transistors, capacitors, resistors, amplifier modules and any other electronic components.
  - 2.3.2. Ensure that all replacement components are of equivalent or higher quality to maintain the amplifier's performance and reliability.
- 2.4. Calibration and Testing
  - 2.4.1. Calibrate the repaired amplifier to ensure it meets the original specifications and performance standards.
  - 2.4.2. Conduct comprehensive testing, including frequency response, gain, noise figure, and power output tests, to confirm the amplifier's functionality and performance.
  - 2.4.3. Provide a test report detailing the results of the calibration and testing procedures.
  - 2.4.4. Must provide calibration certificate issued by an ISO/IEC 17025:2017 certified and accredited laboratory, including but not limited to the following details:
    - 2.4.4.1. Calibration date
    - 2.4.4.2. Measure and or equivalent standard measurements.
    - 2.4.4.3. Calibration environmental condition
    - 2.4.4.4. Calibration results with measurement uncertainties of all test points
    - 2.4.4.5. Remarks or recommendations of the calibrating officer / service provider
    - 2.4.4.6. Approved signature of the calibration officer or equivalent
- 2.5. Measurement of Complete Product Specifications
  - 2.5.1. Measure the complete product specifications using the same procedures as used in production, including measurement uncertainties and guard banding.
  - 2.5.2. Provide a test report detailing the results of the calibration and testing procedures.
- 2.6. Final Inspection and Quality Assurance:
  - 2.6.1. Conduct a final inspection to ensure all repairs have been completed to a high standard.
  - 2.6.2. Perform quality assurance checks to confirm the amplifier is fully operational.
- 2.7. Warranty
  - 2.7.1. One (1) year from date of repair completion. The date of delivery written on the certificate of completion will serve as the reference point for determining the commencement of this warranty period.
  - 2.7.2. The warranty ensures that the repaired BBA

	<p>150-BC1000 Broadband Amplifier is free from additional defects or physical damage not related to the repair process. Any discrepancies found during EPDC inspection should be resolved by the service provider prior to end-user acceptance.</p> <p>2.8. Shipping</p> <p>2.8.1. Service provider will shoulder shipping costs from EPDC to service center and vice versa.</p> <p>2.8.2. Shipping must include insurance.</p> <p>3. PAYMENT AND DELIVERY TERMS:</p> <p>3.1. Repair must be completed within sixty (60) calendar days upon issuance of Notice to Proceed.</p> <p>3.2. Price is inclusive of taxes and other service charges, i.e., labor, parts, etc.</p> <p>3.3. Breakdown of costs for parts and labor must be provided upon submission of billing or invoice.</p> <p>3.4. Government terms. Full payment will only be processed once the service is completely delivered, and repaired equipment is inspected (fully functioning), and accepted by the end-user.</p>				
2	<p><b>Repair of BBA 150-D400 Broadband Amplifier</b></p> <p>1. GENERAL OVERVIEW:</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders/service providers for the repair of BBA 150-D400 Broadband Amplifier, for the continuous maintenance of EMC Testing Laboratory of EPDC.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS:</p> <p>2.1. Off-site repair of BBA 150-D400 Broadband Amplifier with the following details:</p> <p>2.1.1. Model: BBA 150-D400</p> <p>2.1.2. Property Number: 01-19-605-140-00003</p> <p>2.1.3. Serial Number: 103573</p> <p>2.2. Initial Diagnostics:</p> <p>2.2.1. Perform a thorough inspection and diagnosis of the broadband amplifier to identify the root cause of the issue.</p> <p>2.2.2. Provide a detailed diagnostic report outlining the identified issues and recommended repairs.</p> <p>2.3. Component Replacement:</p> <p>2.3.1. Replace any faulty components identified during the diagnostics, including but not limited to transistors, capacitors, resistors, amplifier modules and any other electronic components.</p> <p>2.3.2. Ensure that all replacement components are of equivalent or higher quality to maintain the amplifier's performance and reliability.</p> <p>2.4. Calibration and Testing</p> <p>2.4.1. Calibrate the repaired amplifier to ensure it meets the original specifications and performance standards.</p> <p>2.4.2. Conduct comprehensive testing, including frequency response, gain, noise figure, and power output tests, to confirm the amplifier's functionality and performance.</p> <p>2.4.3. Provide a test report detailing the results of the calibration and testing procedures.</p>	1	lot	1420000.00	1,420,000.00

2.4.4. Must provide calibration certificate issued by an ISO/IEC 17025:2017 certified and accredited laboratory, including but not limited to the following details:

2.4.4.1. Calibration date

2.4.4.2. Measure and or equivalent standard measurements.

2.4.4.3. Calibration environmental condition

2.4.4.4. Calibration results with measurement uncertainties of all test points

2.4.4.5. Remarks or recommendations of the calibrating officer / service provider

2.4.4.6. Approved signature of the calibration officer or equivalent

2.5. Measurement of Complete Product Specifications

2.5.1. Measure the complete product specifications using the same procedures as used in production, including measurement uncertainties and guard banding.

2.5.2. Provide a test report detailing the results of the calibration and testing procedures.

2.6. Final Inspection and Quality Assurance:

2.6.1. Conduct a final inspection to ensure all repairs have been completed to a high standard.

2.6.2. Perform quality assurance checks to confirm the amplifier is fully operational.

2.7. Warranty

2.7.1. One (1) year from date of repair completion. The date of delivery written on the certificate of completion will serve as the reference point for determining the commencement of this warranty period.

2.7.2. The warranty ensures that the repaired BBA 150-D400 Broadband Amplifier is free from additional defects or physical damage not related to the repair process. Any discrepancies found during EPDC inspection should be resolved by the service provider prior to end-user acceptance.

2.8. Shipping

2.8.1. Service provider will shoulder shipping costs from EPDC to service center and vice versa.

2.8.2. Shipping must include insurance.

3. PAYMENT AND DELIVERY TERMS:

3.1. Repair must be completed within sixty (60) calendar days upon issuance of Notice to Proceed.

3.2. Price is inclusive of taxes and other service charges, i.e., labor, parts, etc.

3.3. Breakdown of costs for parts and labor must be provided upon submission of billing or invoice.

3.4. Government terms. Full payment will only be processed once the service is completely delivered, and repaired equipment is inspected (fully functioning), and accepted by the end-user.

**TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):**

**Php 2,650,000.00**

**RESERVATION CLAUSE**

The Advanced Science and Technology Institute reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected

proponent or proponents.