



ASTI-FM 03-11
REV 1/08 JUN 2022

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

IB No:	24-04-4791	Date:	May 09, 2024
PR No:	GAA-24-03-18928 (SSED)	Date:	March 22, 2024
	GAA-24-03-18956 (FAD)		March 26, 2024
	GAA-24-03-18940 (CSD)		March 26, 2024
	GAA-24-04-19041 (FAD)		April 11, 2024
Source of Funds:		GAA	
Total ABC:		Php 2,407,112.00	
Time, Date & Venue of Pre-bid Conference:		May 17, 2024, 9:00 AM	
Time and Date of Submission of Bids:		May 29, 2024, 9:00 AM	
Time, Date & Venue of Opening Bids:		May 29, 2024, 9:30 AM	
Date of availability of Complete Set of Documents:		May 10, 2024	
Deadline of Potential Bidder's Clarifications:		May 20, 2024	
Deadline of ASTI's Supplemental Bid Bulletin:		May 22, 2024	
Delivery Schedule:			

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

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	<p>WORKSTATION COMPUTERS</p> <p>1.GENERAL OVERVIEW</p> <p>1.1.DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Ten (10) Units Workstation Computers. These laptops will be utilized by staff working within the PSL & EMC Laboratory of the Electronics Product and Development Center (EPDC).</p> <p>1.2.The Approved Budget for the Contract is inclusive of all applicable government taxes and other charges.</p> <p>2.TECHNICAL SPECIFICATIONS</p> <p>2.1.Supply and delivery of ten (10) units workstation computers with the following minimum specifications:</p> <p>2.1.1.Operating system: At least Windows 11</p> <p>2.1.2.Processor</p> <p>2.1.2.1.Chipset: Intel based</p> <p>2.1.2.2.Core: At least 13th Generation Intel® Core™ i7 or better technology</p> <p>2.1.2.3.Chipset: Intel® HM770, or better technology</p>	10	unit	100,000.00	1,000,000.00

2.1.3.1.GPU: NVIDIA GeForce RTX 4060 or at least 8GB DDR6

2.1.3.2.Dedicated: Yes

2.1.4.Memory:

2.1.4.1.Size: At least 32 GB DDR5 RAM or better

2.1.4.2.Number of slots: Two (2)

2.1.4.3.Removable Memory: Yes

2.1.5.Internal Storage: At least 512 GB PCIe® Gen4 SSD

2.1.6.Display

2.1.6.1.40.9 cm (16.1") diagonal, QHD (2560 x 1440), 165 Hz, 3 ms response time, IPS, Micro-edge, anti-glare, Low Blue Light

2.1.6.2.Brightness: 300 nits

2.1.6.3.Color Gamut: 100% sRGB

2.1.7.Software included

2.1.7.1.At least Microsoft Office Home and Student

2.1.8.Battery

2.1.8.1.At least 6-cell, 83 Wh Li-ion polymer

2.1.8.2.Battery charging: Approximately 50% in 30 minutes (+/-10%)

2.1.9.Connectivity

2.1.9.1.Wi-Fi: Intel® Wi-Fi 6E AX211 (2x2) or better

2.1.9.2.Bluetooth: Bluetooth 5.3 or better

2.1.9.3.Network Interface: Integrated

10/100/1000 GbE LAN

2.1.10.Keyboard

2.1.10.1.Size: Full-sized,

2.1.10.2.Backlit: 1-zone RGB backlit

2.1.10.3.Numeric Keypad: Yes

2.1.11.Camera: 1080p FHD camera

2.1.12.Audio: Dual speakers with audio boost

2.1.13.Ports

2.1.13.1.USB Type-A: At least three (3) USB Type-A;

2.1.13.2.USB Type-C: At least one (1) USB Type-C (USB Power Delivery, DisplayPort 1.4);

2.1.13.3.HDMI: One (1) HDMI 2.1

2.1.13.4.LAN: One (1) RJ-45

2.1.13.5.Power: One (1) charging port

2.1.13.6.Headphone and microphone: One (1)

2.1.14.Power Supply: 110 and 220V AC auto-volt, at least 230W

2.1.15.Color: Preferably Silver / Black

2.1.16.Security Management:

2.1.16.1.Camera Privacy Shutter: Yes

2.1.16.2.Trusted Platform Module (Firmware TPM)

Support: Yes

2.1.17.Accessories: Laptop Bag

3.WARRANTY

3.1.Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.

3.2.The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.

3.3.Replacement units should be provided for defective units, fifteen (15) days upon receipt of notice from End-users / DOST-ASTI Property and Supply Section.

3.4.Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4.PAYMENT AND DELIVERY TERMS

<p>4.1. Must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed at EPDC Bldg., MIRDC Compd., Bicutan, Taguig City.</p> <p>4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
<p>2 LAPTOPS</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Units Laptops. These laptops will be utilized by staff working within the Agency.</p> <p>1.2. The Approved Budget for the Contract is inclusive of all applicable government taxes and other charges</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Supply and delivery of two (2) units Laptops with the following minimum specifications:</p> <p>2.1.1. Operating system: At least Windows 11</p> <p>2.1.2. Processor</p> <p>2.1.2.1. Chipset: Intel based</p> <p>2.1.2.2. Core: At least 13th Generation Intel® Core™ i7 or better technology</p> <p>2.1.2.3. Chipset: Intel® HM770, or better technology</p> <p>2.1.3. Graphics</p> <p>2.1.3.1. GPU: NVIDIA GeForce RTX 4060 or at least 8GB DDR6</p> <p>2.1.3.2. Dedicated: Yes</p> <p>2.1.4. Memory:</p> <p>2.1.4.1. Size: At least 32 GB DDR5 RAM or better</p> <p>2.1.4.2. Number of slots: Two (2)</p> <p>2.1.4.3. Removable Memory: Yes</p> <p>2.1.5. Internal Storage: At least 512 GB PCIe® Gen4 SSD</p> <p>2.1.6. Display</p> <p>2.1.6.1. 40.9 cm (16.1") diagonal, QHD (2560 x 1440), 165 Hz, 3ms response time, IPS, Micro-edge, anti-glare, Low Blue Light</p> <p>2.1.6.2. Brightness: 300 nits</p> <p>2.1.6.3. Color Gamut: 100% sRGB</p> <p>2.1.7. Software included</p> <p>2.1.7.1. At least Microsoft Office Home and Student</p> <p>2.1.8. Battery</p> <p>2.1.8.1. At least 6-cell, 83 Wh Li-ion polymer</p> <p>2.1.8.2. Battery charging: Approximately 50% in 30 minutes (+/-10%)</p> <p>2.1.9. Connectivity</p> <p>2.1.9.1. Wi-Fi: Intel® Wi-Fi 6E AX211 (2x2) or better</p> <p>2.1.9.2. Bluetooth: Bluetooth 5.3 or better</p> <p>2.1.9.3. Network Interface: Integrated 10/100/1000 GbE LAN</p> <p>2.1.10. Keyboard</p> <p>2.1.10.1. Size: Full-sized,</p> <p>2.1.10.2. Backlit: 1-zone RGB backlit</p> <p>2.1.10.3. Numeric Keypad: Yes</p> <p>2.1.11. Camera: 1080p FHD camera</p> <p>2.1.12. Audio: Dual speakers with audio boost</p> <p>2.1.13. Ports</p> <p>2.1.13.1. USB Type-A: At least three (3) USB Type-A;</p> <p>2.1.13.2. USB Type-C: At least one (1) USB Type-C (USB Power Delivery, DisplayPort 1.4);</p> <p>2.1.13.3. HDMI: One (1) HDMI 2.1</p> <p>2.1.13.4. LAN: One (1) RJ-45</p>	2	unit	100,000.00	200,000.00

- 2.1.13.5. Power: One (1) charging port
- 2.1.13.6. Headphone and microphone: One (1)
- 2.1.14. Power Supply: 110 and 220V AC auto-volt, at least 230W
- 2.1.15. Color: Preferably Silver / Black
- 2.1.16. Security Management:
 - 2.1.16.1. Camera Privacy Shutter: Yes
 - 2.1.16.2. Trusted Platform Module (Firmware TPM) Support: Yes
- 2.1.17. Accessories: Laptop Bag

3. WARRANTY

- 3.1. Upon delivery of the laptops, the supplier must respond to product-related inquiries and/or requests submitted by DOST-ASTI within seven (7) calendar days from product delivery.
- 3.2. The warranty period must cover at least one (1) year of hardware service for parts and labor with onsite service after remote diagnosis.
- 3.3. Replacement units should be provided for defective units, fifteen (15) days upon receipt of notice from End-users /DOST-ASTI Property and Supply Section.
- 3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

- 4.1. Must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed
- 4.2. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user

3	LAPTOP COMPUTER WITH ACCESSORIES	5	unit	95,425.00	477,125.00
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1. GENERAL OVERVIEW

- 1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Units Laptop Computer with Accessories
- 1.2 The Approved Budget for the Contract is inclusive of government taxes and charges

2. TECHNICAL SPECIFICATIONS

2.1 OERATING SYSTEM

- 2.1.1 Type: At least Windows 11 Professional

2.2 PROCESSOR

- 2.2.1 Type: x64 Architecture
- 2.2.2 Cores: At least 10 physical cores
- 2.2.3 Threads: 12
- 2.2.4 Frequency: Up to 4.9Ghz
- 2.2.5 Cache: 12MB

2.3 RAM Memory

- 2.3.1 Capacity: At least 16GB DDR4, Two (2) memory slots, and expandable up to 32GB

2.4 STORAGE

- 2.4.1 At least 1TB PCIe NVMe SSD

2.5 PORTS

- 2.5.1 At least 1x USB Type C
- 2.5.2 At least 2xUSB 3.0 Type A
- 2.5.3 At least 1x Thunderbolt 4 ports
- 2.5.4 Built-in array microphone and stereo speaker
- 2.5.5 HDMI 2.0 port
- 2.5.6 RJ-45 port

2.6 CAMERA

- 2.6.1 720p HD or better

2.7 BATTERY

- 2.7.1 At least 56WHrs or better

2.8 DISPLAY
 2.8.1 At least 14.0" or higher with IPS Technology, full HD or better

2.9 KEYBOARD
 2.9.1 Backlit keyboard, touchpad

2.10 NETWORK
 2.10.1 Wi-Fi dual band, and at least Bluetooth 5.1 or better

2.11 ACCESSORIES
 2.11.1 One (1) piece backpack

2.11.2 One (1) unit mouse, third party brand/s shall be accepted

2.11.3 One (1) meter HDMI cable, third party brand/s shall be accepted

3. WARRANTY AND AFTERSALE SUPPORT
 3.1 With at least three (3) years warranty
 3.2 Parts and incidental costs related to the unit/s shall be borne by the supplier if the equipment's error or damage is not a result of end-user damage or misuse

4. DELIVERY AND PAYMENT TERMS
 4.1 Delivery shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.
 4.2 Full payment will only be given once the items are completely delivered, inspected and accepted by the end-user.

4.3 No payment shall be made for items not yet delivered under this contract.
 4.4 The price of the bid must ne inclusive of government taxes and all applicable charges.

CHARGE: 2024 R&D Program

4	<p>LAPTOP COMPUTER WITH ACCESSORIES</p> <p>1. GENERAL OVERVIEW 1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Unit Laptop Computer with Accessories</p> <p>1.2 The Approved Budget for the Contract is inclusive of government taxes and charges</p> <p>2. TECHNICAL SPECIFICATIONS 2.1 OPERATING SYSTEM 2.1.1 Type: At least Windows 11 Professional</p> <p>2.2 PROCESSOR 2.2.1 Type: x64 Architecture 2.2.2 Cores: At least 8 physical cores 2.2.3 Threads: 12 2.2.4 Frequency: Up to 4.9Ghz 2.2.5 Cache: 12MB</p> <p>2.3 RAM MEMORY 2.3.1 Capacity: At least 16GB DDR4, Two (2) memory slots, and expandable up to 32GB</p> <p>2.4 STORAGE 2.4.1 At least 500GB PCIe NVMe SSD</p> <p>2.5 PORTS 2.5.1 At least 1x USB Type C 2.5.2 At least 2xUSB 3.0 Type A 2.5.3 At least 1x Thunderbolt 4 ports 2.5.4 Built-in array microphone and stereo speaker 2.5.5 HDMI 2.0 port 2.5.6 RJ-45 port</p> <p>2.6 CAMERA 2.6.1 720p HD or better</p> <p>2.7 BATTERY 2.7.1 At least 56WHrs or better</p>	1	unit	80,000.00	80,000.00
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2.8 DISPLAY
 2.8.1 At least 14.0" or higher with IPS Technology, full HD or better

2.9 KEYBOARD
 2.9.1 Backlit keyboard, touchpad

2.10 NETWORK
 2.10.1 Wi-Fi dual band, and at least Bluetooth 5.1 or better

2.11 ACCESSORIES
 2.11.1 One (1) piece backpack
 2.11.2 One (1) unit mouse, third party brand/s shall be accepted
 2.11.3 One (1) meter HDMI cable, third party brand/s shall be accepted

3. WARRANTY AND AFTERSALE SUPPORT
 3.1 With at least three (3) years warranty
 3.2 Parts and incidental costs related to the unit/s shall be borne by the supplier if the equipment's error or damage is not a result of end-user damage or misuse

4. DELIVERY AND PAYMENT TERMS
 4.1 Delivery shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.
 4.2 Full payment will only be given once the items are completely delivered, inspected and accepted by the end-user.
 4.3 No payment shall be made for items not yet delivered under this contract.
 4.4 The price of the bid must be inclusive of government taxes and all applicable charges.

CHARGE: GIA-AI4RP Project

5

LAPTOPS

13

unit

49,999.00

649,987.00

1. GENERAL OVERVIEW
 1.1. The ASTI is seeking qualified and competent bidders for the Supply and Delivery of Laptops to be used in the daily operations of the agency.
 1.2. The Approved Budget for the Contract (ABC) includes all applicable government taxes and services charges.

2. TECHNICAL SPECIFICATIONS
 2.1. Processor: At least Intel i5 13th Gen or equivalent technology
 2.2. Memory & Storage: At least 16GB of DDR4 RAM and a 512GB M.2 NVMe storage
 2.3. Display: At least 14-inch IPS Full HD (1920 x 1080)
 2.4. Graphic: At least Intel UHD Graphics or equivalent technology
 2.5. Operating System: At least Windows 11 Home
 2.6. Connectivity: Wi-Fi, Bluetooth
 2.7. Ports: USB Type-C, USB 3.2 Gen 1, HDMI, Ethernet, Audio Jack
 2.8. Accessories: Laptop bag

3. WARRANTY
 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.
 3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the Property and Supply Section
 3.3. Warranty period should be at least 1 year.

<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. Delivery of the Goods shall be made by the Supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Full payment will only be given once the items were completely delivered inspected and accepted by the End-user.</p> <p>4.3. No payment shall be made if the supplies and materials are not yet delivered under this contract.</p> <p>4.4. The price of the bid must be inclusive of government taxes and other charges.</p>				
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):				Php 2,407,112.00
RESERVATION CLASE				
<p>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.</p>				