



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



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

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

IB No:	25-05-028-B	Date:	28 May 2025
PR Nos:	PROPEL-25-04-21033 (RDD) GAA-25-04-20987 (OD) GAA-25-04-21046 (KMD) FASTRACRoA-25-04-21054 (RDD)	Date:	11 April 2025 16 April 2025 24 April 2025 28 April 2025
Source of Funds:		GIA and GAA	
Total ABC:		Php2,139,198.00	
Time, Date & Venue of Pre-bid Conference:		05 June 2025, 9:00 AM at Videoconferencing (MS Teams)	
Time and Date of Submission of Bids:		17 June 2025, 9:00 AM (Physical)	
Time, Date & Venue of Opening Bids:		17 June 2025, 9:30 AM via Blended Meeting Arrangement (ASTI and Videoconferencing)	
Date of availability of Complete Set of Documents:		29 May 2025	
Deadline of Potential Bidder's Clarifications:		07 June 2025	
Deadline of ASTI's Supplemental Bid Bulletin:		10 June 2025	
Delivery Schedule:		See details below.	

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,

JEFFREY A. ABOROT
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE (P)	TOTAL PRICE (P)
1	PROCUREMENT OF LAPTOPS FOR HR LITE PHASE 3: ADOPTION AND SUSTAINABILITY OF HR LITE AND VARIOUS DOST-ASTI GAA PROJECT	4	unit	47,299.50	189,198.00
	1. GENERAL OVERVIEW				

<p>1.1 DOST-ASTI is seeking qualified and competent bidders for the procurement of laptops for the KM Unit and for the HR Lite Project, viz:</p> <p>1.1.1 Laptops for the Project “HR Lite Phase 3: Adoption and Sustainability of HR Lite” - Two (2) units</p> <p>1.1.2 Laptops for Various DOST-ASTI GAA Projects – Two (2) units</p> <p>1.2 The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Quantity: Four (4) units of laptops</p> <p>2.2 Processor: Intel® Core™ i5-1235U or better</p> <p>2.3 Memory: At least 16 GB DDR4</p> <p>2.4 Display: Maximum of 15.6” diagonal, Full HD</p> <p>2.5 Storage: At least 512 GB PCIe® NVMe™ M.2 SSD</p> <p>2.6 Battery: At least 41Wh battery capacity</p> <p>2.7 Audio: Dual speakers</p> <p>2.8 720p HD camera with temporal noise reduction and integrated dual array digital microphones</p> <p>2.9 Ports:</p> <p>2.9.1 At least one (1) USB-C</p> <p>2.9.2 At least two (2) USB-A</p> <p>2.9.3 One (1) HDMI</p> <p>2.9.4 Headphone/mic combo</p> <p>2.10 Operating System: Windows 11</p> <p>2.11 Inclusions:</p> <p>2.11.1 Power adapter and cable</p> <p>3. WARRANTY</p> <p>3.1 Must have at least twelve (12) months of warranty from the time of delivery.</p> <p>3.2 Warranty service shall commence from the date of end-user acceptance.</p> <p>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.</p> <p>3.4 Defective units may be defined as units not working upon testing or units that have failed to work after testing.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1 The goods must be delivered within forty-five (45) calendar days upon issuance of Notice to Proceed (NTP). Full payment will only be processed once the item is completely delivered, inspected, and accepted by the DOST-ASTI. No</p>				
---	--	--	--	--

	payment shall be made for items not delivered under this contract. GAA-25-04-21046 (KMD)				
2	PROCUREMENT OF THREE (3) UNITS OF LAPTOPS FOR KNOWLEDGE DATA BANK	3	unit	100,000.00	300,000.00
	<p>1. GENERAL OVERVIEW</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the procurement of three (3) units of various laptop computers to be used by KMD staff working on the PROPEL project.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Quantity and preferred color:</p> <p>2.1.1. Two (2) units of dark grey</p> <p>2.1.2. One (1) unit of silver</p> <p>2.2. CPU: 8-Core</p> <p>2.3. GPU: 10-Core</p> <p>2.4. Memory: At least 24 GB</p> <p>2.5. Storage: At least 512 GB SSD</p> <p>2.6. Body: Aluminum case, preferably dark grey in color</p> <p>2.7. Display: Maximum of 13.6-inch (diagonal) LED-backlit display</p> <p>2.8. With trackpad, charging port and USB ports, and 3.5mm headphone jack</p> <p>2.9. Inclusive of USB-C Power Adapter and cable</p> <p>2.10. Battery: Up to 15 hours wireless web</p> <p>2.11. Supports wireless Wi-Fi 6E and Bluetooth 5.3</p> <p>2.12. Accessories:</p> <p>2.12.1. Charger (Power adapter and cable)</p> <p>2.12.2. Laptop bag</p> <p>3. WARRANTY</p> <p>3.1. Must have at least twelve (12) months of warranty from the time of delivery.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>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.</p> <p>3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing.</p> <p>4. DELIVERY AND PAYMENT TERMS</p>				

	<p>4.1. The goods must be delivered within forty-five (45) days calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>PROPEL-25-04-21033</p>				
3	PROCUREMENT OF SEVEN (7) UNITS OF LAPTOPS FOR AI TRAINING AND THE SYSTEM ADMINISTRATION	7	unit	100,000.00	700,000.00
	<p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the procurement of seven (7) units of laptop computers to be used by CSD staff working on the PROPEL project.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Seven (7) units of laptop</p> <p>2.2. Processor: Intel Core i7-13650HX or better, or AMD equivalent</p> <p>2.3. Display: 15.6-inch or 16-inch</p> <p>2.4. Memory: At least 16GB DDR5</p> <p>2.5. Storage: At least 512GB SSD</p> <p>2.6. GPU: NVIDIA® GeForce RTX™ 4060 8GB GDDR6 or better specs from NVIDIA GPU family</p> <p>2.7. Operating System: Windows 11</p> <p>2.8. Audio: Stereo speakers, dual-microphone array</p> <p>2.9. Camera: Minimum HD 720p</p> <p>2.10. Battery: At least 60Wh capacity</p> <p>2.11. Connectivity:</p> <p>2.11.1. Network: Gigabit Ethernet, Wi-Fi 6 or 6E, Bluetooth</p> <p>2.11.2. Ports:</p> <p>2.11.2.1. At least two (2) USB-A</p> <p>2.11.2.2. At least two (2) USB-C</p> <p>2.11.2.3. HDMI</p> <p>2.11.2.4. Headphone/mic combo jack</p> <p>2.12. Accessories:</p> <p>2.12.1. Charger (Power adapter and cable)</p> <p>2.12.2. Laptop bag</p> <p>3. WARRANTY</p> <p>3.1. Must have at least twelve (12) months of warranty from the time of delivery.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Replacement units should be provided for defective units, fifteen (15) days upon</p>				

	<p>receipt of notice from End-users / DOST-ASTI Property and Supply Section.</p> <p>3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within forty-five (45) days calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the End-user. 4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>PROPEL-25-02-21033</p>				
4	PROCUREMENT OF ONE (1) UNIT LAPTOP FOR ADMINISTRATIVE	1	unit	80,000.00	80,000.00
	<p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the procurement of one (1) unit of laptop computer to be used by staff working on the PROPEL project.</p> <p>1.2 The ABC is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Quantity: One (1) unit</p> <p>2.2. Processor: AMD Ryzen™ 5 PRO 8640HS or better, or equivalent Intel processor</p> <p>2.3. Memory: Minimum 16 GB DDR5-5600MT/s</p> <p>2.4. Storage: At least 512GB SSD M.2 2280 PCIe Gen4 TLC Opal</p> <p>2.5. Display: 14" WUXGA (1920 x 1200), IPS, Anti-Glare</p> <p>2.6. Ports:</p> <p>2.6.1. Ethernet</p> <p>2.6.2. 3.5mm headphone/mic combo</p> <p>2.6.3. HDMI (supports up to 4K@60Hz)</p> <p>2.6.4. USB-C® (Thunderbolt™ 4, USB 40Gbps) with power delivery 3.0 & DisplayPort 1.4</p> <p>2.6.5. USB-A (USB 5Gbps)</p> <p>2.7. Battery: At least 39.3Wh capacity</p> <p>2.8. Supports wireless Wi-Fi 6E and Bluetooth</p> <p>2.9. Camera: At least 5MP RGB with Microphone</p> <p>2.10. Rapid Charge: Yes</p> <p>2.11. Operating System: Windows 11</p> <p>2.12. Accessories:</p> <p>2.12.1. At least 65W USB-C Power Adapter and cable</p> <p>2.12.2. Laptop bag</p>				

	<p>3. WARRANTY</p> <p>3.1. Must have at least twelve (12) months of warranty from the time of delivery.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>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.</p> <p>3.4. Defective units may be defined as units not working upon testing or units that have failed to work after testing.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within forty-five (45) days calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be given once the item is completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>PROPEL-25-04-21033</p>				
5	MOBILE WORKSTATION	5	unit	120,000.00	600,00.00
	<p>1. General Objective</p> <p>1.1. DOST-ASTI is looking for qualified and competent bidders for the supply and delivery of five (5) units of mobile workstations for technical development of the FASTRAC Lite: ROAMER Project.</p> <p>1.2. The ABC is inclusive of government taxes and other applicable charges.</p> <p>1.3. Prospective bidders must submit a breakdown of price quotations per item specified in 2.</p> <p>2. Technical Specifications</p> <p>2.1. Quantity: Five (5) units</p> <p>2.2 Processor: Ryzen AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads) with AMD XDNA NPU up to 50TOPS or better</p> <p>2.3. Memory: 8GB*2 LPDDR5X 7500 on board, Max Capacity: 16GB or better</p> <p>2.4. Storage: 1TB PCIe 4.0 NVMe M.2 SSD, 2x M.2 PCIe or better</p> <p>2.5. Graphics: NVIDIA GeForce RTX 4060 Laptop GPU (233 AI TOPs), 8GB GDDR6 or better</p> <p>2.6. Display: 14-inch, 2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio, IPS-level, anti-glare display, sRGB: 100.00%, Refresh Rate: 165Hz, G-Sync or better</p> <p>2.7.</p>				

<p>Wireless: Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card or better</p> <p>2.8. Operating System: Windows 11 Home or better</p> <p>2.9. I/O Ports</p> <p>2.9.1. At least 1x 3.5mm Combo Audio Jack</p> <p>2.9.2. At least 1x HDMI 2.1 FRL</p> <p>2.9.3. At least 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)</p> <p>2.9.4. At least 1x USB 3.2 Gen 2 Type-C with support for DisplayPort (data speed up to 10Gbps)</p> <p>2.9.5. At least 1x Type-C USB 4 with support for DisplayPort / power delivery (data speed up to 40Gbps)</p> <p>2.9.6. At least 1x card reader (microSD) (UHS-II)</p> <p>2.10. Keyboard and Touchpad: Backlit Chiclet Keyboard Single Light, Touchpad</p> <p>2.11. Camera: 1080P FHD IR Camera or better</p> <p>2.12. Audio: At least Dolby Atmos, AI noise-canceling technology, Hi-Res certification (for headphone), Built-in array microphone, 2-speaker system</p> <p>2.13. Battery: 73WHrs, 4S1P, 4-cell Li-ion or better</p> <p>2.14. Power Supply: Rectangle Conn, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal or better</p> <p>3. Warranty</p> <p>3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced within seven (7) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Warranty Period: At least one (1) year for hardware parts and equipment.</p> <p>4. Payment and Delivery Terms</p> <p>4.1. Price is inclusive of government taxes, delivery charges, etc.</p> <p>4.2. Items must be delivered to the DOST-ASTI Extension Office, Room 409, National Engineering Center – University of the Philippines, Diliman, Quezon City, within thirty (30) calendar days upon issuance of NTP.</p> <p>FASTRACRoa-25-04-21054</p>				
---	--	--	--	--

6	WORKSTATION LAPTOP	1	unit	99,000.00	99,000.00
	<p>1. GENERAL OVERVIEW</p> <p>1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Unit of Laptop, for staff mobile workstations and/or general office use</p> <p>1.2. The ABC is inclusive of all applicable government taxes and charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. CPU: 10-core</p> <p>2.2. GPU: 10-core</p> <p>2.2. Memory: At least 16GB</p> <p>2.3. Storage: At least 512 GB SSD</p> <p>2.4. Display</p> <p>2.4.1. 13.6 inches (diagonal)</p> <p>2.4.2. LED-backlit display with IPS technology</p> <p>2.4.3. at least 2560-by-1664 native resolution</p> <p>2.5. Wireless Connection</p> <p>2.5.1. Wi-Fi 6E (802.11ax)</p> <p>2.5.2. Bluetooth 5.3</p> <p>2.6. Body: Aluminum case</p> <p>2.7. Included Accessories</p> <p>2.7.1. Wireless Mouse</p> <p>2.7.2. USB-C Hub Multiport Adapter (with HDMI port, USB ports, and Ethernet port)</p> <p>3. WARRANTY</p> <p>3.1. With at least one (1) year warranty coverage.</p> <p>3.2. Parts and incidental costs related to the unit will be shouldered by the supplier if the equipment's error or damage is not a result of user damage or misuse.</p> <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 the NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made if items are not yet delivered under this contract. 4.4. The price of the bid must be inclusive of government taxes and charge.</p> <p>GAA-25-04-20987 (OD)</p>				

7	WORKSTATION LAPTOP	2	unit	85,500.00	171,000.00
	<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 of Laptop, for staff mobile workstations and/or general office use</p> <p>1.2. The ABC is inclusive of all applicable government taxes and charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Processor: At least Intel® Core™ Ultra 5 125u or AMD equivalent</p> <p>2.2. Operating System: Genuine Windows 11 Pro</p> <p>2.3. Graphics: Integrated Graphics</p> <p>2.4. Storage: at least 1TB M.2 SSD</p> <p>2.5. Camera: at least 720p Full HD</p> <p>2.6. Fingerprint: Yes</p> <p>2.7. Connectivity:</p> <p>2.7.1. at least Intel Wi-Fi 6E</p> <p>2.7.2. at least Bluetooth 5.3</p> <p>2.8. Memory: at least 16gb DDR5</p> <p>2.9. Display:</p> <p>2.9.1. Resolution: WUXGA</p> <p>2.9.2. IPS</p> <p>2.9.3. 14 inches (diagonal)</p> <p>2.10. Inclusion:</p> <p>2.10.1. Laptop charger/power adapter</p> <p>2.10.2. Laptop bag</p> <p>3. WARRANTY</p> <p>3.1. With at least three (3) years warranty on labor, parts, and onsite support.</p> <p>3.2. With at least one (1) year warranty on battery and adapter.</p> <p>3.2. Parts and incidental costs related to the unit will be shouldered by the supplier if the equipment's error or damage is not a result of user damage or misuse.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. Delivery of the goods shall be made by the supplier within sixty (60) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made if items are not yet delivered under this contract. 4.4. The price of the bid must be inclusive of government taxes and charges.</p> <p>GAA-25-04-20987</p>				
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):					Php2,139,198.00

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.