



ASTI-FM 03-11  
REV 1/13 January 2020

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

<b>ITB No:</b>	22-02-3758	<b>Date:</b>	April-06-2022
<b>PR No:</b>	ALAM-22-01-13116	<b>Date:</b>	January-27-2022
<b>Source of Funds:</b>			
<b>Total ABC:</b>	Php 2,615,000.00		
<b>Time, Date &amp; Venue of Pre-bid Conference:</b>	April 19, 2022, 9:00 AM at Via videoconferencing		
<b>Time and Date of Submission of Bids:</b>	May 02, 2022, 09:00 AM		
<b>Time, Date &amp; Venue of Opening Bids:</b>	May 02, 2022, 9:30 AM at DOST-ASTI and Videoconferencing		
<b>Date of availability of Complete Set of Documents:</b>	April 11, 2022		
<b>Deadline of Potential Bidder's Clarifications:</b>	April 22, 2022		
<b>Deadline of ASTI's Supplemental Bid Bulletin:</b>	April 25, 2022		
<b>Delivery Schedule:</b>			

The 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. Guidelines regarding the format, eligibility, technical and financial documents needed are described in the Instruction to Bidders of the Philippine Bidding Documents

Bidding will be conducted through open competitive bidding procedures using a non discretionary "pass/fail" criterion as specified in the 2016 R-IRR of RA 9184.

A complete set of Bidding Documents may be purchased by interested bidders upon payment of a fee for the Bidding Documents. It is also downloadable for free of charge at DOST-ASTI's website - [www.asti.dost.gov.ph](http://www.asti.dost.gov.ph)

For further inquiries, contact ASTI's BAC Secretariat via email at [bac-sec@asti.dost.gov.ph](mailto:bac-sec@asti.dost.gov.ph). Interested bidders may also call the number - (632)-426-7423 and look for ASTI's BAC Secretariat.

Respectfully,

**BAYANI BENJAMIN R. LARA**  
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p><b>Development Workstations</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is seeking qualified and competent supplier for the delivery of twenty-four (24) units Mobile Development Workstation</p> <p>1.2 The approved budget for the contract is inclusive of all applicable government taxes and service charges</p> <p>1.3 The technical specifications indicated herein are a minimum requirement unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1 Operating System: 64-bit Professional Edition Operating System</p> <p>2.2 Processor: at least 11th Generation Intel Core i5 (4C / 8T, 2.4 / 4.2GHz, 8MB) equivalent or better</p>	24	unit	87500.00	2,100,000.00

2.3 Memory: 16GB SO-DIMM DDR4-3200 (minimum); DDR4 SO-DIMM socket; dual-channel capable, can be upgraded/configurable to 64GB

2.4 Disk space: 512GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal2, configurable up to 1TB (equivalent or better)

2.5 Graphics: Integrated Intel UHD Graphics or similar

2.6 Display: Non-touch: 14" FHD (1920x1080) IPS 250nits Anti-glare

2.7 Camera: 720p with Privacy Shutter

2.8 Audio: High Definition (HD) Audio, ALC3287 codec

2.9 Speakers: Stereo speakers, 2W x2, Audio Premium

2.10 Keyboard: Backlit, English

2.11 Touch interface: Touchpad with finger gesture support or similar

2.12 Ports:

2.12.1 at least 1 USB 3.2 Gen 1;

2.12.2 at least 1 USB 3.2 Gen 1 (Always On)

2.12.3 at least 1 USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort 1.4

2.12.4 at least 1 Thunderbolt 4 / USB4 40Gbps (support data transfer, Power Delivery 3.0, and DisplayPort 1.4

2.12.5 at least 1 HDMI 2.0

2.12.6 at least 1 Headphone/microphone combo jack (3.5mm)

2.13.7 RJ45 port

2.14 WLAN + Bluetooth: RTL8852AE 11ax, 2x2 + BT5.2

2.15 Battery: Integrated 45Wh, supports fast charging

2.15.1 Max Battery Life: at least 9hr

2.16 Power Adapter: 45W USB-C (3-pin)

**3. ACCESSORIES**

3.1 With Backpack bag and mouse, HDMI cable, and extension cord.

**4. WARRANTY AND AFTERSALES SUPPORT**

4.1 Supplier warrants the items against defects in manufacturing and shipping and delivery issues.

4.2 Defective and incorrect items shall be replaced

4.3 Warranty Period should be 1 year On-Site; warranty on Parts and Labor with Premier Support (1Year on Battery)

**5. PAYMENT AND DELIVERY TERMS**

5.1 The price of bid must be inclusive of government taxes and additional fees.

5.2 Government terms, payment upon complete delivery

5.3 Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed

5.4 The unit must be brand new and unused.

Charging: GIA-ALAM

2	<p><b>Mobile Development Workstation (Laptops)</b></p> <p>1. GENERAL OVERVIEW</p> <p>1.1 The Advanced Science and Technology Institute is</p>	5	unit	103000.00	515,000.00
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seeking qualified and competent supplier for the delivery of five (5) units Mobile Development Workstation

1.2 The approved budget for the contract is inclusive of all applicable government taxes and service charges

1.3 The technical specifications indicated herein are a minimum requirement unless otherwise specified.

## 2. TECHNICAL SPECIFICATIONS

2.1 Operating System: 64-bit Professional Edition Operating System

2.2 Processor: at least 11th Generation Intel Core i5 (8M Cache, 2.4 GHz up to 4.2 GHz, 4 cores) equivalent or better

2.3 Memory: 16G LPDDR4X (minimum); dual-channel capable, can be upgraded/configurable to 64GB

2.4 Disk space: 512GB M.2 NVMe PCIe 3.0 SSD (minimum)

2.5 Graphics: Intel Iris Graphics (equivalent or better)

2.6 Display: 14.0 inch; FHD (1920x1080) 16:9

2.7 Camera: 720p HD camera; With privacy shutter

2.8 Audio: Built-in speaker; Built-in array microphone

2.9 Keyboard: Backlit Chiclet Keyboard

2.10 Touch interface: Touchpad with finger gesture support or similar

2.11 Ports:

2.11.1 Output: 19V DC ; 3.42A, 65W+C8:C28

2.11.2 at least 1x 3.5mm Combo Audio Jack

2.11.3 at least 1x USB 3.2 Gen 2 Type-A

2.11.4 at least 2x Thunderbolt 4 supports display

2.11.5 HDMI port

2.11.6 RJ45 port

2.12 WLAN+Bluetooth: Wi-Fi6 (802.11ax)+ BT5.2 (Dualband)2\*2

2.13 Battery: 66Whrs, 4S1P, 4-cell Li-ion

2.14 Power Adapter: TYPE-C, 65W AC Adapter

2.14.1 Input: 100~240V AC 50/60Hz universal

2.14.2 Output: 19V DC ; 3.42A, 65W

2.15 Out of the box Software inclusions:

2.15.1 Trusted Platform Module (TPM) 2.0

2.15.2 Fingerprint sensor

2.15.3 IR webcam with biometric support

2.15.4 Battery health charging

2.15.5 Fan Profile

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<b>TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):</b>	<b>Php 2,615,000.00</b>
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<b>RESERVATION CLAUSE</b>
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<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>
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